INNOVATION TECHNOLOGY RESEARCH SAFETY COMMUNICATION LEADERSHIP

CATALOGUE

KATALOG

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FASTER®
think faster

VALUES FIRST. FASTER®



Thanks to our consolidated experience gained in the market, FASTER® has become the synonym for quick-release couplings for all hydraulic applications at medium, high and extremely high pressures. Through our history, Faster has reached important milestones that have qualified our business in time. Today - a leader in the market of quick-release couplings and multiConnections - Faster is further accelerating its growth through an intense program of new product launches and new applications characterized by innovative technical solutions.



Grazie alla consolidata esperienza maturata nel settore, FASTER® è ormai diventato sinonimo di innesto rapido per tutte le applicazioni di oleodinamica a medie, alte e altissime pressioni. Nell'arco della propria storia Faster ha conseguito traguardi importanti che hanno qualificato nel tempo l'attività. Oggi – nel ruolo di azienda leader nel settore degli innesti rapidi e multiconnessioni – Faster prosegue nelle linee guida che hanno portato l'azienda ad essere protagonista del mercato accelerando ulteriormente la crescita attraverso un intenso programma con il lancio di nuovi prodotti e nuove applicazioni caratterizzati da soluzioni tecnologiche innovative d'avanguardia.



Die konsolidierte Branchenerfahrung hat FASTER zu einem Synonym für Schnellverschlußkupplungen in allen ölhydraulischen Anwendungsbereichen mit mittlerem, hohem und sehr hohem Druck gemacht. Im Laufe ihrer langjährigen Firmengeschichte konnte Faster bedeutende Meilensteine setzen, die ihre Tätigkeit auszeichnete. Heute spielt Faster eine führende Rolle im Bereich der Schnell- und Mehrfachkupplungen und setzt die Richtlinien fort, die das Unternehmen zu einem Protagonisten gemacht haben, indem das Wachstum weiter angetrieben wird. Ein intensives Programm mit der Einführung neuer Produkte und neuer Anwendungen, die sich durch innovative und fortschrittliche technologische Lösungen auszeichnen.



Grâce à la solide expérience acquise dans ce secteur, FASTER® est désormais synonyme de raccord rapide pour toutes les applications oléodynamiques à moyenne, haute et très haute pression. L'histoire de Faster est jalonnée d'importants résultats qui ont qualifié son activité dans le temps. En tant que leader sur le marché des raccords rapides et des connecteurs multiples, Faster poursuit aujourd'hui son activité dans le droit fil de la philosophie qui lui a permis de s'imposer en leader sur le marché, en accélérant ultérieurement son essor grâce au lancement de nouveaux produits et de nouvelles applications caractérisés par des solutions innovantes et à la pointe du progrès technologique.











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Quick Coupling Guide
Guida Veloce Innesti
Schnellkupplung Guide
Guide Simplifié













Chart Symbols - Tavola dei Simboli
Tabelle der Symbole - Table de Symboles

ISO		Specifications	Specifiche	Normen	Normes
		Maximum working pressure	Massima pressione di esercizio	Max. Betriebsdruck	Pression maximale de service
	*M*ate500 ®	Surface Treatment CR (III) - Faster	Trattamento superficiale CR (III) - Faster	CR (III) - Faster	Traitement de surface CR (III) - Faster
	*M*ate1000	Surface Treatment Zn- Ni Faster	Trattamento superficiale Zn- Ni Faster	Oberflächentechnik Zn- Ni Faster	Traitement de surface Zn- Ni Faster
		How to connect	Connessione	Wie wird gekuppelt	Comment connecter
		How to Disconnect	Disconnessione	Wie wird entkuppelt	Deconnecter
		Connection Under Pressure	Connessione in pressione	Unter Restdruch kuppelbar	Connexion sous pression
		Sleeve Retraction	Arretramento Ghiera	Zurückziehen der Hülse	Rétractation bagues
	PUSH	Push	Push	Push	Push
	PUSH PULL	Push - Pull	Push - Pull	Push - Pull	Push - Pull
		Thread	Filetto	Anschluss	Filetage
		Bulge Valve	Valvola Sporgente	Kegel ventil	Clapet renforcé
		Flat Face	Faccia Piana	Flachdichtend	Face Plat
		Complete Information's	Informazioni complete	Vollständige Informationen	Compléter une information
		Steel	Acciaio	Stahl	Acier
		AISI 316	AISI 316	AISI 316	AISI 316
		Brass	Ottone	Messing	Laiton
		Working temperatures	Temperature di esercizio	Betriebstemperaturen	Températures de service
		Seals	Guarnizioni	Dichtungen	Joints
1:4		Safety Factor Dinamic Condition except Togheter Screw	Fattore di sicurezza Pressione Dinamica eccetto Innesti a Vite	Sicherheitsfaktor dynamischen Druck außer Schraubkupplungen	Coefficient de sécurité de pression dynamique sauf coupleurs à visser
1:3		Safety Factor Dinamic Condition Screw Togheter	Fattore di sicurezza Pressione Dinamica per Innesti a Vite	Sicherheitsfaktor dynamischen Druck für Schraubkupplungen	Coefficient de sécurité de pression dinamique pour coupleurs à visser

Quick Coupling Guide - Guida Veloce Innesti
Schnellkupplung Guide - Guide Simplifié

		NV	ANV	HNV	TNV	CPV	CNV	3CFPV	4SRPV	VF-VFB	CVV
ISO	15171-1										
	16028										
	7241-1 A	✔ 1/2"	✔			✔	✔	✔	✔		
	7241-1 B			✔							
	EU-US Markets										
	Faster Standard	✔									
	German Market										✔
	US Market				✔						
	1/8"*			50 *(7.250)*							
	1/4"*	35 *(5.075)*	50 *(7.250)*	45 *(6.520)*	27 *(3.900)*						50 *(7.250)*
	3/8"*	30 *(4.350)*	30 *(4.350)*	30 *(4.350)*	30 *(4.350)*	27 *(3.900)*	27 *(3.900)*			22-25 *(3.175 - 3.625)*	40 *(5.800)*
	1/2"*	30 *(4.350)*	30 *(4.350)*	35 *(5.075)*	22 *(3.175)*	30 *(4.350)*	30 *(4.350)*	25 *(3.625)*	25 *(3.625)*		40 *(5.800)*
	5/8"*										
	3/4"*	30 *(4.350)*	30 *(4.350)*	25 *(3.625)*	19 *(2.750)*						35 *(5.075)*
	1"*	25 *(3.625)*	25 *(3.625)*	30 *(4.350)*	15 *(2.175)*	22 *(3.175)*	22 *(3.175)*				35 *(5.075)*
	1.1/4"*	22 *(3.175)*	25 *(3.625)*		10 *(1.450)*						
	1.1/2"*	20 *(2.900)*	20 *(2.900)*	14 *(2.025)*	11 *(1575)*						35 *(5.075)*
	2"*	15 *(2.175)*	15 *(2.175)*	9 *(1.300)*	10 *(1.450)*						
	*M*ate500 ®	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	*M*ate1000										
		✔	✔	✔	✔					✔	
	PUSH										
	PUSH PULL					✔	✔	✔	✔		
											✔
	N/A										
		✔	✔	✔	✔					✔	
	PUSH PULL										
						✔	✔	✔	✔		
											✔
	N/A										
	F	✘	✘	✘	✘	✘	✘	✘	✔	✘	✔
	M	✘	✘	✘	✘	✘	✘	✔	✔	✘	✔
		✔	✔	✔	✔	✔	✔	✔	✔		✔
		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
				✔							
				✔							
	PAG.	12	15	18	27	30	30	34	37	40	43

*** Standard steel related**

Quick Coupling Guide - Guida Veloce Innesti
Schnellkupplung Guide - Guide Simplifié

		VV	VVS	FB	PVVM	VU	DF	FFH	3FFV	FHV	3FFH
ISO	15171-1						✔				
	16028							✔			✔
	7241-1 A										
	7241-1 B										
	EU-US Markets				✔						
	Faster Standard	✔	✔					1/8"	✔	✔	
	German Market										
	US Market			✔							
	1/8"*							35 *(5.075)*			
	1/4"*	35 *(5.075)*	80 *(11.600)*		103 *(14.925)*	35 *(5.075)*	47 *(6.800)*	35 *(5.075)*			
	3/8"*	30 *(4.350)*	80 *(11.600)*		100 *(14.500)*	35 *(5.075)*		35 *(5.075)*			35 *(5.075)*
	1/2"*	30 *(4.350)*	73 *(10.575)*			35 *(5.075)*		35 *(5.075)*			35 *(5.075)*
	5/8"*							35 *(5.075)*			
	3/4"*	25 *(3.625)*	73 *(10.575)*	25 *(3.625)*		25 *(3.625)*		35 *(5.075)*		46 *(6.650)*	35 *(5.075)*
	1"*	23 *(3.325)*	63 *(9.130)*	23 *(3.325)*		25 *(3.625)*		35 *(5.075)*		46 *(6.650)*	
	1.1/4"*		60 *(8.700)*	21 *(3.025)*		25 *(3.625)*					
	1.1/2"*		40 *(5.800)*	20 *(2.900)*		20 *(2.900)*				40 *(5.800)*	
	2"*		35 *(5.075)*			17 *(2.450)*				35 *(5.075)*	
	Mate500 ®	✔	✔		✔	✔	✔		FPQ		
	Mate1000							✔	FPQ	✔	✔
							✔				
	PUSH							✔			✔
	PUSH PULL										
		✔	✔	✔	✔				✔	✔	
	N/A					✔					
							✔	✔			✔
	PUSH PULL										
		✔	✔	✔	✔				✔	✔	
	N/A					✔					
	F	✔	✔	✔	✔	N/A	✘	✘	✔	✘	✔
	M	✔	✔	✔	✔	N/A	✘	✘	✔	✔	✔
		✔	✔		✔	N/A					
				✔		N/A	✔	✔	✔	✔	✔
		✔	✔		✔	✔	✔	✔	✔	✔	✔
			✔								
				✔							
	PAG.	47	50	56	59	61	63	65	69	72	76

*** Standard steel related**

Quick Coupling Guide - Guida Veloce Innesti
Schnellkupplung Guide - Guide Simplifié

		4DB4FH	2P206	3P206	2P208	3P208	2PB06	2PS06	2PS08	2P506	3P506
ISO	15171-1										
	16028	✔									
	7241-1 A										
	7241-1 B										
	EU-US Markets										
	Faster Standard		✔	✔	✔	✔	✔	✔	✔	✔	✔
	German Market										
	US Market										
	1/8"*										
	1/4"*										
	3/8"*		25 *(3.625)*	25 *(3.625)*			25 *(3.625)*	25 *(3.625)*		25 *(3.625)*	25 *(3.625)*
	1/2"*	35 *(5.075)*			25 *(3.625)*	25 *(3.625)*			25 *(3.625)*		
	5/8"*										
	3/4"*	35 *(5.075)*									
	1"*										
	1.1/4"*										
	1.1/2"*										
	2"*										
	Mate500 ®		✔	✔	✔	✔	✔	✔	✔	✔	✔
	Mate1000	✔									
	PUSH	✔									
	PUSH PULL										
	N/A		✔	✔	✔	✔	✔	✔	✔	✔	✔
		✔									
	PUSH PULL										
	N/A		✔	✔	✔	✔	✔	✔	✔	✔	✔
	F	✔	✘	✔	✘	✔	✘	✘	✘	✘	✔
	M	✔	✘	✔	✘	✔	✘	✘	✘	✘	✔
		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	PAG.	79	83	83	84	84	85	86	87	88	88

*** Standard steel related**

Quick Coupling Guide - Guida Veloce Innesti
Schnellkupplung Guide - Guide Simplifié

		2P5068	2P508	3P508	2P510	3P510	2P606	2P608	3P608	2P808	3P808
ISO	15171-1										
	16028										
	7241-1 A										
	7241-1 B										
	EU-US Markets										
	Faster Standard	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	German Market										
	US Market										
	1/8"*										
	1/4"*										
	3/8"*						25 *(3.625)*				
	1/2"*	25 *(3.625)*	25 *(3.625)*	25 *(3.625)*	25 *(3.625)*	25 *(3.625)*		25 *(3.625)*	25 *(3.625)*	25 *(3.625)*	25 *(3.625)*
	5/8"*										
	3/4"*				25 *(3.625)*	25 *(3.625)*					
	1"*										
	1.1/4"*										
	1.1/2"*										
	2"*										
	*M*ate500 ®	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	*M*ate1000										
	PUSH										
	PUSH PULL										
	N/A	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	PUSH PULL										
	N/A	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	F		✔	✔	✘	✔	✘	✘	✔	✘	✔
	M		✔	✔	✘	✔	✘	✘	✔	✘	✔
		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	PAG.	89	90	90	91	91	92	93	93	94	94

*** Standard steel related**

Products
Prodotti
Produkte
Produits








NV

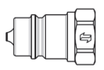
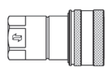
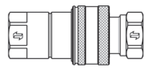


Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Zurückziehen der Verriegelungshülse und Einstecken des Steckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluss durch Kegelventil	Système d'étanchéité à clapet standard
Connection under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
Disconnection under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 7241-1 Part A for 1/2" size only	Intercambiabilità secondo norme ISO ISO 7241-1 Part A solo per 1/2"	Austauschbarkeit gemäß ISO 7241-1 Teil A nur BG 1/2"	Interchangeabilité selon ISO 7241-1 part A seulement pur 1/2"

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

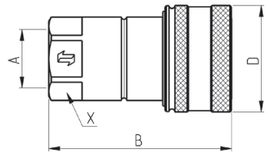





Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4"	35 *(5000)*	15 *(3.9)*	140 *(20000)*	140 (20000)	140 (20000)
10	3/8"	30 *(4500)*	50 *(13,2)*	140 *(20000)*	120 *(17400)*	120 *(17400)*
12.5	1/2"	30 *(4500)*	75 *(19,8)*	120 *(17400)*	120 *(17400)*	120 *(17400)*
19	3/4"	30 *(4500)*	150 *(39,6)*	120 *(17400)*	120 *(17400)*	120 *(17400)*
25	1"	25 *(3625)*	230 *(60,8)*	100 *(14500)*	100 *(14500)*	100 *(14500)*
31.5	1 1/4"	22 *(3300)*	340 *(89,8)*	90 *(13500)*	90 *(13500)*	90 *(13500)*
40	1 1/2"	20 *(3000)*	450 *(119)*	80 *(12000)*	80 *(12000)*	80 *(12000)*
50	2"	15 *(2250)*	1000 *(264)*	60 *(9000)*	60 *(9000)*	60 *(9000)*

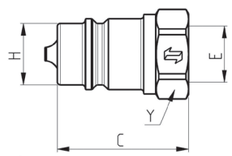
	Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgehärtet in besonders bansprüchter Stresszone	Acier à haute teneur en carbone rempé ou carbonitruré pour les parties particulièrement stressées
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
	According to ISO 7241-2	Secondo la norma ISO 7241-2	Gemäß ISO 7241-2	Selon la norme ISO 7241-2

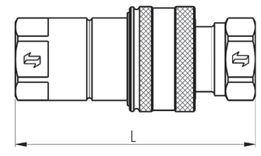
NV



Female – Femmina – Muffe – Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis
mm	inch.			mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4"	F	NV 14 GAS F	1/4" BSP Female	50 *(1.97)*	27 *(1.06)*	19 *(0.75)*	101	40
6.3	1/4"	F	NV 14 NPT F	1/4" NPTF Female	50 *(1.97)*	27 *(1.06)*	19 *(0.75)*	101	40
6.3	1/4"	F	NV 14-38SAE F	9/16" UNF Female	53 *(2.09)*	27 *(1.06)*	19 *(0.75)*	101	40
10	3/8"	F	NV 38 GAS F	3/8" BSP Female	60 *(2.36)*	33 *(1.30)*	24 *(0.94)*	187	25
10	3/8"	F	NV 38 NPT F	3/8" NPTF Female	60 *(2.36)*	33 *(1.30)*	24 *(0.94)*	188	25
10	3/8"	F	NV 38-38SAE F	9/16" UNF Female	60 *(2.36)*	33 *(1.30)*	24 *(0.94)*	190	25
12.5	1/2"	F	NV 12 GAS F	1/2" BSP Female	66 *(2.60)*	38 *(1.50)*	27 (1.06)	253	20
12.5	1/2"	F	NV 12 NPT F	1/2" NPTF Female	66 *(2.60)*	38 *(1.50)*	27 *(1.06)*	255	20
12.5	1/2"	F	NV 12-12SAE F	3/4" UNF Female ORB	66 *(2.60)*	38 *(1.50)*	27 *(1.06)*	259	20
12.5	1/2"	F	NV 12-58SAE F	7/8" UNF Female ORB	66 *(2.60)*	38 *(1.50)*	27 *(1.06)*	259	20
12.5	1/2"	F	NV 2215 F	M22X1,5 Female	66 *(2.60)*	38 *(1.50)*	27 *(1.06)*	255	20
12.5	1/2"	0	NV 0/2215 F	M22X1,5 Female	66 *(2.60)*	38 *(1.50)*	27 *(1.06)*	255	20
20	3/4"	F	NV 34 GAS F	3/4" BSP Female	83 *(3.27)*	48 *(1.89)*	34 *(1.34)*	499	12
20	3/4"	F	NV 34 NPT F	3/4" NPTF Female	83 *(3.27)*	48 *(1.89)*	34 *(1.34)*	507	12
25	1"	F	NV 1 GAS F	1" BSP Female	100 *(3.94)*	56 *(2.20)*	41 *(1.61)*	819	8
25	1"	F	NV 1 NPT F	1" NPTF Female	100 *(3.94)*	56 *(2.20)*	41 *(1.61)*	844	8
31.5	1-1/4"	F	NV114 GAS F	1-1/4" BSP Female	115 *(4.53)*	70 *(2.76)*	50 *(1.97)*	1454	3
31.5	1-1/4"	F	NV114 NPT F	1-1/4" NPTF Female	115 *(4.53)*	70 *(2.76)*	50 *(1.97)*	1459	3
40	1-1/2"	F	NV112 GAS F	1-1/2" BSP Female	128 *(5.04)*	84 *(3.31)*	60 *(2.36)*	2378	2
40	1-1/2"	F	NV112 NPT F	1-1/2" NPTF Female	128 *(5.04)*	84 *(3.31)*	60 *(2.36)*	2388	2
50	2"	F	NV 2 GAS F	2" BSP Female	151 *(5.94)*	119 *(4.69)*	75 *(2.95)*	4766	2





Male – Maschio – Stecker – Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis
mm.	inch.			mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4"	F	NV 14 GAS M	1/4" BSP Female	33 *(1.30)*	61 *(2.40)*	14 *(0.55)*	19 *(0.75)*	39	100
6.3	1/4"	F	NV 14 NPT M	1/4" NPTF Female	33 *(1.30)*	61 *(2.40)*	14 *(0.55)*	19 *(0.75)*	39	100
6.3	1/4"	F	NV 14-38SAE M	9/16" UNF Female	36 *(1.42)*	66 *(2.60)*	14 *(0.55)*	19 *(0.75)*	40	100
10	3/8"	F	NV 38 GAS M	3/8" BSP Female	39 *(1.54)*	78 *(3.07)*	19 *(0.75)*	24 *(0.94)*	73	50
10	3/8"	F	NV 38 NPT M	3/8" NPTF Female	39 *(1.54)*	78 *(3.07)*	19 *(0.75)*	24 *(0.94)*	74	50
10	3/8"	F	NV 38-38SAE M	9/16" UNF Female	39 (1.54)	78 *(3.07)*	19 *(0.75)*	24 *(0.94)*	75	50
12.5	1/2"	F	NV 12 GAS M	1/2" BSP Female	44 *(1.73)*	88 *(3.46)*	21 *(0.83)*	27 *(1.06)*	83	40
12.5	1/2"	F	NV 12 NPT M	1/2" NPTF Female	44 *(1.73)*	88 *(3.46)*	21 *(0.83)*	27 *(1.06)*	86	40
12.5	1/2"	F	NV 12-12SAE M	3/4" UNF Female ORB	44 *(1.73)*	85 *(3.35)*	21 *(0.83)*	27 *(1.06)*	89	40
12.5	1/2"	F	NV 12-58SAE M	7/8" UNF Female ORB	44 *(1.73)*	85 *(3.35)*	21 *(0.83)*	27 *(1.06)*	89	40
12.5	1/2"	F	NV 2215 M	M22X1,5 Female	44 *(1.73)*	85 *(3.35)*	21 *(0.83)*	27 *(1.06)*	86	40
12.5	1/2"	0	NV 0/2215 M	M22X1,5 Female	47 *(1.85)*	88 *(3.46)*	21 *(0.83)*	27 *(1.06)*	86	40
20	3/4"	F	NV 34 GAS M	3/4" BSP Female	54 *(2.13)*	108 *(4.25)*	28 *(1.10)*	34 *(1.34)*	175	25
20	3/4"	F	NV 34 NPT M	3/4" NPTF Female	54 *(2.13)*	108 *(4.25)*	28 *(1.10)*	34 *(1.34)*	179	25
25	1"	F	NV 1 GAS M	1" BSP Female	66 *(2.60)*	132 *(5.20)*	31 *(1.22)*	41 *(1.61)*	289	15
25	1"	F	NV 1 NPT M	1" NPTF Female	66 *(2.60)*	132 *(5.20)*	31 *(1.22)*	41 *(1.61)*	298	15
31.5	1-1/4"	F	NV114 GAS M	1-1/4" BSP Female	73 *(2.87)*	146 *(5.75)*	44 *(1.73)*	50 *(1.97)*	522	8
31.5	1-1/4"	F	NV114 NPT M	1-1/4" NPTF Female	73 *(2.87)*	146 *(5.75)*	44 *(1.73)*	50 *(1.97)*	534	8
40	1-1/2"	F	NV112 GAS M	1-1/2" BSP Female	83 *(3.27)*	166 *(6.54)*	53 *(2.09)*	60 *(2.36)*	899	6
40	1-1/2"	F	NV112 NPT M	1-1/2" NPTF Female	83 *(3.27)*	166 *(6.54)*	53 *(2.09)*	60 *(2.36)*	913	6
50	2"	F	NV 2 GAS M	2" BSP Female	100 *(3.94)*	200 *(7.87)*	82 *(3.23)*	75 *(2.95)*	2282	2

NV

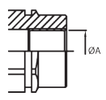
Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Packungaseinheit Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4″	TF 14	●	TF 14 S	TM 14	●	TM 14 S	SK NV 14	1*
10	3/8″	TF 38	●	TF 38 S	TM 38	●	TM 38 S	SK NV 38	1*
12.5	1/2″	TF 12	●	TF 12 S	TM 12 L	●	TM 12 S	SK NV 12	1*
20	3/4″	TF 34	●	TF 34 S	TM 34	●	TM 34 S	SK NV 34	1*
25	1″	TF 1	●	TF 1 S	TM 1	●	TM 1 S	SK NV 1	1*
31.5	1-1/4″	--	--	TF114 S	--	--	TM114 S	SK NV 114	1**
40	1-1/2″	--	--	TF112 S	--	--	TM112 S	SK NV 112	1**
50	2″	--	--	TF 2 S	--	--	TM 2 S	SK NV 2	1**

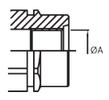
*10 O'rings + 10 PTFE rings ** 5 O'rings

Thread Filetto Anschluss Filetage

F



0



ANV

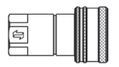
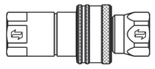


Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Zurückziehen der Verriegelungshülse und Einstecken des Steckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluß durch Kegelventil	Système d'étanchéité à clapet standard
Connection under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
Disconnection under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 7241-1 part A	Intercambiabilità secondo norme ISO 7241-1 parte A	Austauschbarkeit gemäß ISO 7241-1 Teil A	Interchangeabilité selon ISO 7241-1 part A

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

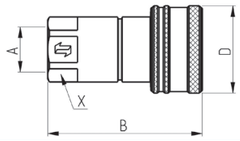





Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4″	50 *(7500)*	9 *(2.4)*	200 *(30000)*	*200 (30000)*	200 *(30000)*
10	3/8″	30 *(4500)*	30 *(7.9)*	160 *(24000)*	120 *(18000)*	140 *(21000)*
12.5	1/2″	30 *(4500)*	75 *(19.8)*	130 *(19500)*	120 *(18000)*	130 *(19500)*
20	3/4″	30 *(4500)*	180 *(47.6)*	120 *(18000)*	120 *(18000)*	120 *(18000)*
25	1″	25 *(3625)*	*270 (71.4)*	100 *(14500)*	100 *(14500)*	100 *(14500)*
31.5	1 1/4″	25 *(3625)*	330 *(87.3)*	100 *(14500)*	100 *(14500)*	100 *(14500)*
40	1 1/2″	20 *(3000)*	450 *(119)*	80 *(12000)*	80 *(12000)*	80 *(12000)*
50	2″	15 *(2250)*	900 *(238)*	60 *(9000)*	60 *(9000)*	60 *(9000)*

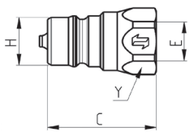
	Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgehärtet in besonders banspruchter Stresszone	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
	Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
	-25°C to +100°C (-13°F to +212°F)	-25°C a +100°C (-13°F a +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C à +100°C (-13°F à +212°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

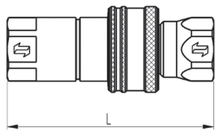
ANV

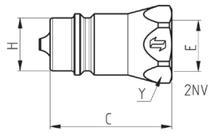


Female – Femmina – Muffe – Femelle :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation		A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.					mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4”	F	ANV 14 GAS F		1/4” BSP Female	48 *(1.89)*	25 *(0.98)*	19 *(0.75)*		40
6.3	1/4”	F	ANV 14 NPT F		1/4” NPTF Female	48 *(1.89)*	25 *(0.98)*	19 *(0.75)*		40
6.3	1/4”	F	ANV 14-38SAE F		9/16” UNF Female	48 *(1.89)*	25 *(0.98)*	19 *(0.75)*		40
10	3/8”	F	ANV 38 GAS F		3/8” BSP Female	57 *(2.24)*	32 *(1.26)*	24 *(0.94)*		25
10	3/8”	F	ANV 38 NPT F		3/8” NPTF Female	57 *(2.24)*	32 *(1.26)*	24 *(0.94)*		25
10	3/8”	F	ANV 38-38SAE F		9/16” UNF Female	57 *(2.24)*	32 *(1.26)*	24 *(0.94)*		25
12.5	1/2”	F	NV 12 GAS F		1/2” BSP Female	66 *(2.60)*	38 *(1.49)*	27 *(1.06)*		20
12.5	1/2”	F	NV 12 NPT F		1/2” NPTF Female	66 *(2.60)*	38 *(1.49)*	27 *(1.06)*		20
12.5	1/2”	F	NV 12-12SAE F		3/4” UNF Female	66 *(2.60)*	38 *(1.49)*	27 *(1.06)*		20
12.5	1/2”	F	NV 2215 F		M22x1,5	66 *(2.60)*	38 *(1.49)*	27 *(1.06)*		20
12.5	1/2”	F	NV0/2215 F		M22x1,5	66 *(2.60)*	38 *(1.49)*	27 *(1.06)*		20
20	3/4”	F	ANV 34 GAS F		3/4” BSP Female	83 *(3.27)*	48 *(1.89)*	34 *(1.34)*		12
20	3/4”	F	ANV 34 NPT F		3/4” NPTF Female	83 *(3.27)*	48 *(1.89)*	34 *(1.34)*		12
20	3/4”	F	ANV 34-34 SAE F		1 1/16” UNF Female	83 *(3.27)*	48 *(1.89)*	34 *(1.34)*		12
25	1”	F	ANV 1 GAS F		1” BSP Female	100 *(3.94)*	56 *(2.20)*	41 *(1.61)*		8
25	1”	F	ANV 1 NPT F		1” NPTF Female	101 *(3.94)*	57 *(2.20)*	42 *(1.61)*		8
31.5	1-1/4”	F	ANV114 GAS F		1-1/4” BSP Female	115 *(4.53)*	70 *(2.76)*	50 *(1.97)*		3
31.5	1-1/4”	F	ANV114 NPT F		1-1/4” NPTF Female	115 *(4.53)*	70 *(2.76)*	50 *(1.97)*		3
40	1-1/2”	F	ANV112 GAS F		1-1/2” BSP Female	133 *(5.22)*	84 (3.30)	60 *(2.36)*		2
50	2”	F	ANV 2 GAS F		2” BSP Female	161 *(6.34)*	100 *(3.94)*	75 *(2.95)*		2
50	2”	F	ANV 2 NPT F		2” NPT Female	161 *(6.34)*	100 *(3.94)*	75 *(2.95)*		2







Male – Maschio – Stecker – Male :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation		E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm.	inch.					mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4”	F	ANV 14 GAS M		1/4” BSP Female	39 *(1.54)*	72	11.8 *(0.46)*	19 *(0.75)*		100
6.3	1/4”	F	ANV 14 NPT M		1/4” NPTF Female	39 *(1.54)*	72	11.8 *(0.46)*	19 *(0.75)*		100
6.3	1/4”	F	ANV 14-38SAE M		9/16” UNF Female	39 *(1.54)*	72	11.8 *(0.46)*	19 *(0.75)*		100
10	3/8”	F	ANV 38 GAS M		3/8” BSP Female	39 *(1.54)*	81	17.2 *(0.67)*	22 *(0.87)*		50
10	3/8”	F	ANV 38 NPT M		3/8” NPTF Female	39 *(1.54)*	81	17.2 *(0.67)*	22 *(0.87)*		50
10	3/8”	F	ANV 38-38SAE M		9/16” UNF Female	39 *(1.54)*	81	17.2 *(0.67)*	22 *(0.87)*		50
12.5	1/2”	F	NV 12 GAS M		1/2” BSP Female	44 *(1.73)*	88	20,5 *(0.80)*	27 *(1.06)*		40
12.5	1/2”	F	NV 12 NPT M		1/2” NPTF Female	44 *(1.73)*	88	20,5 (0.80)	27 *(1.06)*		40
12.5	1/2”	F	NV 12-12SAE M		3/4” UNF Female ORB	44 *(1.73)*	88	20,5 *(0.80)*	27 *(1.06)*		40
12.5	1/2”	F	NV 2215 M		M22x1,5	44 *(1.73)*	88	20,5 *(0.80)*	27 *(1.06)*		40
12.5	1/2”	F	2NV 12 NPT M		1/2” NPTF Female	47 *(1.85)*	91 *(3.58)*	20,5 *(0.80)*	27 *(1.06)*		40
12.5	1/2”	F	2NV 12-12SAE M		3/4” UNF Female	47 *(1.85)*	91 *(3.58)*	20,5 *(0.80)*	27 *(1.06)*		40
12.5	1/2”	F	2NV 12-58SAE M		7/8” UNF Female	54 *(2.13)*	98 *(3.86)*	20,5 *(0.80)*	27 *(1.06)*		40
12.5	1/2”	0	NV 0/2215 M		M22x1,5	44 *(1.73)*	88	20,5 *(0.80)*	27 *(1.06)*		40
20	3/4”	F	ANV 34 GAS M		3/4” BSP Female	55 *(2.16)*	110	29 *(1.14)*	34 *(1.34)*		25
20	3/4”	F	ANV 34 NPT M		3/4” NPTF Female	55 *(2.16)*	110	29 *(1.14)*	34 *(1.34)*		25
20	3/4”	F	ANV 34-34 SAE M		1 1/16” UNF Female	55 *(2.16)*	110	29 *(1.14)*	34 *(1.34)*		25
25	1”	F	ANV 1 GAS M		1” BSP Female	66 *(2.60)*	132	34,3 *(1.35)*	41 *(1.61)*		15
25	1”	F	ANV 1 NPT M		1” NPTF Female	66 *(2.60)*	133	34,3 *(1.35)*	41 *(1.61)*		15
31.5	1-1/4”	F	ANV114 GAS M		1-1/4” BSP Female	73 *(2.87)*	146	44,9 *(1.77)*	50 *(1.97)*		8
31.5	1-1/4”	F	ANV114 NPT M		1-1/4” NPTF Female	73 *(2.87)*	146	44,9 *(1.77)*	50 *(1.97)*		8
40	1-1/2”	F	ANV112 GAS M		1-1/2” BSP Female	83 *(3.27)*	166	55 *(2.16)*	60 *(2.36)*		6
50	2”	F	ANV 2 GAS M		2” BSP Female	100 *(3.94)*	200	65 *(2.56)*	75 *(2.95)*		2
50	2”	F	ANV 2 NPT M		2” NPT Female	100 *(3.94)*	200	65 *(2.56)*	75 *(2.95)*		2

ANV

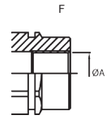
Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4”	TFA 14	●		TMA 14	●		SK ANV 14	1*
10	3/8”	TFA 38	●		TMA 38	●		SK ANV 38	1*
12.5	1/2”	TF 12	●		TM 12 L/G	●		SK NV 12	1*
20	3/4”	TFA 34	●		TMA 34	●		SK ANV 34	1*
25	1”	TFA 1	●		TMA 1	●		SK ANV 1	1*
31.5	1-1/4”	--	--		--			SK ANV 114	1**
40	1-1/2”	--	--		--			SK ANV 112	1***
50	2”	--	--		--			SK ANV 2	1***

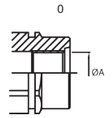
*10 O’rings + 10 PTFE rings ** 5 O’rings + 5 PTFE rings *** 5 PTFE rings

Thread Filetto Anschluss Filetage

F



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HNV



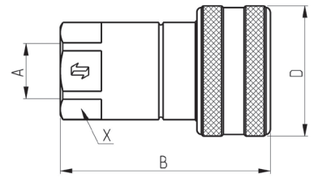
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Zurückziehen der Verriegelungshülse und Einstecken des Steckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluß durch Kegelventil	Système d'étanchéité a clapet standard
Connection under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
Disconnection under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 7241-1 Part B	Intercambiabilità secondo norme ISO ISO 7241-1 Part B	Austauschbarkeit gemäß ISO 5271-1 Teil B	Interchangeabilité selon ISO 7241-1 part B

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
3	1/8"	50 *(7500)*	5 *(1.3)*	200 *(30000)*	280 *(42000)*	200 *(30000)*
6.3	1/4"	45 *(6750)*	17 *(4.5)*	180 *(27000)*	180 *(27000)*	200 *(30000)*
10	3/8"	30 *(4500)*	50 *(13.2)*	180 *(27000)*	130 *(19500)*	120 *(18000)*
12.5	1/2"	35 *(5250)*	75 *(19.8)*	150 *(22500)*	140 *(21000)*	140 *(21000)*
20	3/4"	25 *(3625)*	190 *(50.2)*	100 *(14500)*	110 *(16500)*	100 *(14500)*
25	1"	30 *(4500)*	270 *(71.4)*	120 *(18000)*	120 *(18000)*	120 *(18000)*
40	1 1/2"	14 *(2100)*	750 *(198.4)*	60 *(9000)*	56 *(8400)*	56 *(8400)*
50	2"	9 *(1350)*	1600 *(423.3)*	45 *(6750)*	38 *(5700)*	40 *(6000)*

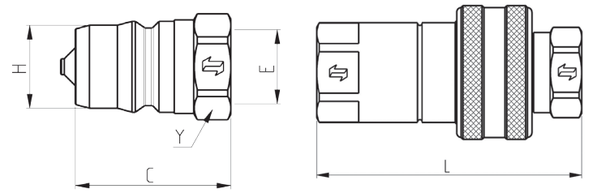
	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgeärtet in besonders bansprucher Stress zone	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

HNV



Female – Femmina – Muffe – Femelle :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
3	1/8"	F	HNV 18 GAS F	1/8" BSP Female	50 *(1.97)*	23 *(0.91)*	18 *(0.71)*		
3	1/8"	F	HNV 18 NPT F	1/8" NPTF Female	50 *(1.97)*	23 *(0.91)*	18 *(0.71)*		
6.3	1/4"	F	HNV 14 GAS F	1/4" BSP Female	56 *(2.20)*	28 *(1.10)*	19 *(0.75)*		
6.3	1/4"	F	HNV 14 NPT F	1/4" NPTF Female	56 *(2.20)*	28 *(1.10)*	19 *(0.75)*		
6.3	1/4"	F	HNV 14-38SAE F	9/16" UNF Female	60 *(2.36)*	28 *(1.10)*	19 *(0.75)*		
10	3/8"	F	HNV 38 GAS F	3/8" BSP Female	64 *(2.52)*	35 *(1.38)*	24 *(0.94)*		
10	3/8"	F	HNV 38 NPT F	3/8" NPTF Female	64 *(2.52)*	35 *(1.38)*	24 *(0.94)*		
10	3/8"	F	HNV 38-38SAE F	9/16" UNF Female	64 *(2.52)*	35 *(1.38)*	24 *(0.94)*		
12.5	1/2"	F	HNV 12 GAS F	1/2" BSP Female	72 *(2.83)*	44 *(1.73)*	30 *(1.18)*		
12.5	1/2"	F	HNV 12 NPT F	1/2" NPTF Female	72 *(2.83)*	44 *(1.73)*	30 *(1.18)*		
12.5	1/2"	F	HNV 12-12SAE F	3/4" UNF Female	72 *(2.83)*	44 *(1.73)*	30 *(1.18)*		
20	3/4"	F	HNV 34 GAS F	3/4" BSP Female	89 *(3.50)*	52 *(2.05)*	36 *(1.42)*		
20	3/4"	F	HNV 34 NPT F	3/4" NPTF Female	89 *(3.50)*	52 *(2.05)*	36 *(1.42)*		
20	3/4"	F	HNV 34-34 SAE F	1 1/16" UNF Female	89 *(3.50)*	52 *(2.05)*	36 *(1.42)*		
25	1"	F	HNV 1 GAS F	1" BSP Female	106 *(4.17)*	62 *(2.44)*	41 *(1.61)*		
25	1"	F	HNV 1 NPT F	1" NPTF Female	106 *(4.17)*	62 *(2.44)*	41 *(1.61)*		
25	1"	F	HNV 1- 1SAE F	1 5/16" UNF Female	106 *(4.17)*	62 *(2.44)*	41 *(1.61)*		
40	1-1/2"	F	HNV112 GAS F	1-1/2" BSP Female	126 *(4.96)*	75 *(2.95)*	65 *(2.56)*		
40	1-1/2"	F	HNV112-112SAE F	1 7/8" UNF Female	123 *(4.84)*	75 *(2.95)*	65 *(2.56)*		
50	2"	F	HNV 2 GAS F	2" BSP Female	142 *(5.59)*	105 *(4.13)*	89 *(3.50)*		



Male – Maschio – Stecker – Male :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm.	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
3	1/8"	F	HNV 18 GAS M	1/8" BSP Female	32 *(1.25)*	63 *(2.48)*	10.8 *(0.43)*	17 *(0.67)*		
3	1/8"	F	HNV 18 NPT M	1/8" NPTF Female	32 *(1.25)*	63 *(2.48)*	10.8 *(0.43)*	17 *(0.67)*		
6.3	1/4"	F	HNV 14 GAS M	1/4" BSP Female	35 *(1.38)*	70 *(2.76)*	14.1 *(0.55)*	19 *(0.75)*		
6.3	1/4"	F	HNV 14 NPT M	1/4" NPTF Female	35 *(1.38)*	70 *(2.76)*	14.1 *(0.55)*	19 *(0.75)*		
6.3	1/4"	F	HNV 14-38SAE M	9/16" UNF Female	35 *(1.38)*	74 *(2.91)*	14.1 *(0.55)*	19 *(0.75)*		
10	3/8"	F	HNV 38 GAS M	3/8" BSP Female	39 *(1.54)*	78 *(3.07)*	19 *(0.75)*	22 *(0.87)*		
10	3/8"	F	HNV 38 NPT M	3/8" NPTF Female	39 *(1.54)*	78 *(3.07)*	19 *(0.75)*	22 *(0.87)*		
10	3/8"	F	HNV 38-38SAE M	9/16" UNF Female	39 *(1.54)*	78 *(3.07)*	19 *(0.75)*	22 *(0.87)*		
12.5	1/2"	F	HNV 12 GAS M	1/2" BSP Female	44 *(1.73)*	88 *(3.46)*	23.5 *(0.92)*	27 *(1.06)*		
12.5	1/2"	F	HNV 12 NPT M	1/2" NPTF Female	44 *(1.73)*	88 *(3.46)*	23.5 *(0.92)*	27 *(1.06)*		
12.5	1/2"	F	HNV 12-12SAE M	3/4" UNF Female ORB	44 *(1.73)*	88 *(3.46)*	23.5 *(0.92)*	27 *(1.06)*		
20	3/4"	F	HNV 34 GAS M	3/4" BSP Female	55 *(2.16)*	110 *(4.33)*	31.4 *(1.24)*	34 *(1.34)*		
20	3/4"	F	HNV 34 NPT M	3/4" NPTF Female	55 *(2.16)*	110 *(4.33)*	31.4 *(1.24)*	34 *(1.34)*		
20	3/4"	F	HNV 34-34 SAE M	1 1/16" UNF Female	55 *(2.16)*	110 *(4.33)*	31.4 *(1.24)*	34 *(1.34)*		
25	1"	F	HNV 1 GAS M	1" BSP Female	66 *(2.60)*	132 *(5.02)*	37.8 *(1.49)*	41 *(1.61)*		
25	1"	F	HNV 1 NPT M	1" NPTF Female	66 *(2.60)*	132 *(5.02)*	37.8 *(1.49)*	41 *(1.61)*		
25	1"	F	HNV 1-1 SAE M	1 5/16" UNF Female	66 *(2.60)*	132 *(5.02)*	37.8 *(1.49)*	41 *(1.61)*		
40	1-1/2"	F	HNV112 GAS M	1-1/2" BSP Female	126 *(4.96)*	193 *(7.60)*	44.5 *(1.75)*	65 *(2.56)*		
40	1-1/2"	F	HNV112-112SAE M	1 7/8" UNF Female	123 *(4.84)*	193 *(7.60)*	44.5 *(1.75)*	66 *(2.56)*		
50	2"	F	HNV 2 GAS M	2" BSP Female	142 *(5.59)*	219 *(8.62)*	63.2 *(2.49)*	89 *(3.50)*		

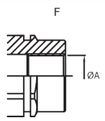
HNV

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
3	1/8"	TFH 18	●		TMH 18	●		SK HNV 18	1*
6.3	1/4"	TFH 14	●		TMH 14	●		SK HNV 14	1*
10	3/8"	TFH 38	●		TMH 38	●		SK HNV 38	1*
12.5	1/2"	TFH 12	●		TMH 12	●		SK HNV 12	1*
20	3/4"	TFH 34	●		TMH 34	●		SK HNV 34	1*
25	1"	TFH 1	●		TMH 1	●		SK HNV 1	1*
40	1-1/2"							SK HNV 112	1**
50	2"							SK HNV 2	1**

*10 O'rings + 10 PTFE rings ** 5 O'rings

Thread Filetto Anschluss Filetage





Stainless Steel
Inox
Edelstahl
Inoxydable

HNV

Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluss durch flachdichtendes Ventil	Système d'étanchéité a clapet standard
Connection under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
Disconnection under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 7241-1 Part B	Intercambiabilità secondo norme ISO ISO 7241-1 Part B	Austauschbarkeit gemäß ISO 5271-1 Teil B	Interchangeabilité selon ISO 7241-1 part B

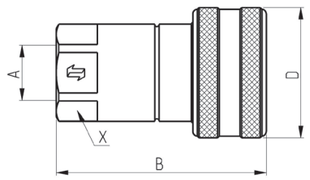
Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4"	35 *(5075)*	14 *(3.08)*	140 *(20300)*	200 *(29000)*	200 *(29000)*
10	3/8"	27 *(3900)*	27 *(5.9)*	110 *(15950)*	110 *(15950)*	160 *(23200)*
12.5	1/2"	32 *(4625)*	60 *(15.9)*	150 *(21750)*	130 *(18850)*	130 *(18850)*
20	3/4"	25 *(3750)*	110 *(29.1)*	100 *(14500)*	105 *(15225)*	165 *(24000)*
25	1"	21 *(3025)*	150 *(39.7)*	84 *(12175)*	90 *(13050)*	106 *(15350)*
40	1 1/2"	14 *(2025)*	750 *(198.4)*	56 *(8100)*	56 *(8100)*	60 *(8700)*
50	2"	9 *(1300)*	1600 *(423.3)*	38 *(5500)*	40 *(5800)*	45 *(6525)*

	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	Stainless Steel 316	Accaio Inox 316	Edelstahl AISI 316	Acier inoxydable AISI 316
	Viton Backup ring in PTFE	Viton Anello antiestrusione PTFE	Viton Stützring bei PTFE	Viton Anneau anti-extrusion en PTFE
	-20°C to +200°C (-4°F to + 392°F)	-20°C a + 200°C (-4°F a + 392°F)	-20°C to +200°C (-4°F to + 392°F)	-20°C à +200°C (-4°F à + 392°F)
	-	-	-	-
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

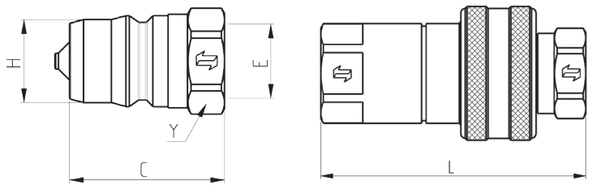
HNV

Stainless Steel
Inox
Edelstahl
Inoxydable



Female – Femmina – Muffe – Femelle :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4″	F	HNV 14 GAS F 2V	1/4″ BSP Female	56 *(2.20)*	28 *(1.10)*	19 *(0.75)*		
6.3	1/4″	F	HNV 14 NPT F 2V	1/4″ NPTF Female	56 *(2.20)*	28 *(1.10)*	19 *(0.75)*		
10	3/8″	F	HNV 38 GAS F 2V	3/8″ BSP Female	64 *(2.52)*	35 *(1.38)*	24 *(0.94)*		
10	3/8″	F	HNV 38 NPT F 2V	3/8″ NPTF Female	64 *(2.52)*	35 *(1.38)*	24 *(0.94)*		
12.5	1/2″	F	HNV 12 GAS F 2V	1/2″ BSP Female	72 *(2.83)*	44 *(1.73)*	30 *(1.18)*		
12.5	1/2″	F	HNV 12 NPT F 2V	1/2″ NPTF Female	72 *(2.83)*	44 *(1.73)*	30 *(1.18)*		
20	3/4″	F	HNV 34 GAS F 2V	3/4″ BSP Female	89 *(3.50)*	52 *(2.05)*	36 *(1.42)*		
20	3/4″	F	HNV 34 NPT F 2V	3/4″ NPTF Female	89 *(3.50)*	52 *(2.05)*	36 *(1.42)*		
25	1″	F	HNV 1 GAS F 2V	1″ BSP Female	106 *(4.17)*	62 *(2.44)*	41 *(1.61)*		
25	1″	F	HNV 1 NPT F 2V	1″ NPTF Female	106 *(4.17)*	62 *(2.44)*	41 *(1.61)*		
40	1-1/2″	F	HNV112 GAS F 2V	1-1/2″ BSP Female	126 *(4.96)*	75 *(2.95)*	65 *(2.56)*		
50	2″	F	HNV 2 GAS F 2V	2″ BSP Female	142 *(5.59)*	105 *(4.13)*	89 *(3.50)*		



Male – Maschio – Stecker – Male :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm.	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g (lbs)	No.
6.3	1/4″	F	HNV 14 GAS M 2V	1/4″ BSP Female	35 *(1.38)*	B+C -21 *(0.83)*	14.1 *(0.55)*	19 *(0.75)*		
6.3	1/4″	F	HNV 14 NPT M 2V	1/4″ NPTF Female	35 *(1.38)*	B+C -21 *(0.83)*	14.1 *(0.55)*	19 *(0.75)*		
10	3/8″	F	HNV 38 GAS M 2V	3/8″ BSP Female	39 *(1.54)*	B+C -25 *(0.98)*	19 *(0.75)*	22 *(0.87)*		
10	3/8″	F	HNV 38 NPT M 2V	3/8″ NPTF Female	39 *(1.54)*	B+C -25 *(0.98)*	19 *(0.75)*	22 *(0.87)*		
12.5	1/2″	F	HNV 12 GAS M 2V	1/2″ BSP Female	44 *(1.73)*	B+C -28 *(1.10)*	23.5 *(0.92)*	27 *(1.06)*		
12.5	1/2″	F	HNV 12 NPT M 2V	1/2″ NPTF Female	44 *(1.73)*	B+C -28 *(1.10)*	23.5 *(0.92)*	27 *(1.06)*		
20	3/4″	F	HNV 34 GAS M 2V	3/4″ BSP Female	55 *(2.16)*	B+C -34 *(1.34)*	31.4 *(1.24)*	34 *(1.34)*		
20	3/4″	F	HNV 34 NPT M 2V	3/4″ NPTF Female	55 *(2.16)*	B+C -34 *(1.34)*	31.4 *(1.24)*	34 *(1.34)*		
25	1″	F	HNV 1 GAS M 2V	1″ BSP Female	66 *(2.60)*	B+C -40 *(1.57)*	37,8 *(1.49)*	41 *(1.61)*		
25	1″	F	HNV 1 NPT M 2V	1″ NPTF Female	66 *(2.60)*	B+C -40 *(1.57)*	37,8 *(1.49)*	41 *(1.61)*		
40	1-1/2″	F	HNV112 GAS M 2V	1-1/2″ BSP Female	126 *(4.96)*	B+C -54 *(2.13)*	44.5 *(1.75)*	65 *(2.56)*		
50	2″	F	HNV 2 GAS M 2V	2″ BSP Female	142 *(5.59)*	B+C -65 *(2.56)*	63.2 *(2.49)*	89 *(3.50)*		

Stainless Steel
Inox
Edelstahl
Inoxydable

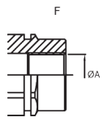
HNV

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4″	TFH 14	●		TMH 14	●		SK HNV 14 V	1*
10	3/8″	TFH 38	●		TMH 38	●		SK HNV 38 V	1*
12.5	1/2″	TFH 12	●		TMH 12	●		SK HNV 12 V	1*
20	3/4″	TFH 34	●		TMH 34	●		SK HNV 34 V	1*
25	1″	TFH 1	●		TMH 1	●		SK HNV 1 V	1*
40	1-1/2″							SK HNV 112 V	1**
50	2″							SK HNV 2 V	1**

*10 Viton O'rings + 10 PTFE rings ** 5 Viton O'rings

Thread Filetto Anschluss Filetage



HNV

Brass
Ottone
Messing
Laiton



Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluss durch flachdichtendes Ventil	Système d'étanchéité a clapet standard
Connection under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
Disconnection under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 7241-1 Part B	Intercambiabilità secondo norme ISO ISO 7241-1 Part B	Austauschbarkeit gemäß ISO 5271-1 Teil B	Interchangeabilité selon ISO 7241-1 part B

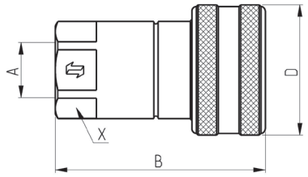
Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
3	1/8"	22 *(3175)*	6 *(1.6)*	90 *(13050)*	140 *(20300)*	150 *(21750)*
6.3	1/4"	20 *(2900)*	16 *(4.2)*	80 *(11600)*	120 *(17400)*	120 *(17400)*
10	3/8"	15 *(2175)*	25 *(6.6)*	60 *(8700)*	70 *(10150)*	100 *(14500)*
12.5	1/2"	17 *(2450)*	60 *(15.9)*	70 *(10150)*	90 *(13050)*	90 *(13050)*
20	3/4"	10 *(1450)*	110 *(29.0)*	40 *(5800)*	50 *(7250)*	102 *(14775)*
25	1"	14 *(2025)*	150 *(39.6)*	56 *(8100)*	58 *(8400)*	80 *(11600)*
40	1 1/2"	7 *(1000)*	750 *(198.4)*	30 *(4350)*	33 *(4775)*	40 *(5800)*
50	2"	6 *(850)*	1600 *(423.0)*	25 *(3625)*	27 *(3900)*	31 *(4475)*

	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	Brass	Ottone	Messing	Laiton
	NBR	NBR	NBR	NBR
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	-	-	-	-
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

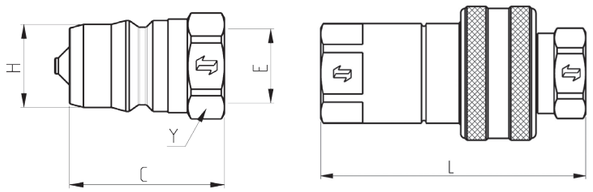
Brass
Ottone
Messing
Laiton

HNV



Female – Femmina – Muffe – Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.			mm *(in)*	mm *(in)*	mm *(in)*	grams	No.
3	1/8"	F	HNV 18 GAS F 5	1/8" BSP Female	50 *(1.97)*	23 *(0.91)*	18 *(0.71)*		
3	1/8"	F	HNV 18 NPT F 5	1/8" NPTF Female	50 *(1.97)*	23 *(0.91)*	18 *(0.71)*		
6.3	1/4"	F	HNV 14 GAS F 5	1/4" BSP Female	56 *(2.20)*	28 *(1.10)*	19 *(0.75)*		
6.3	1/4"	F	HNV 14 NPT F 5	1/4" NPTF Female	56 *(2.20)*	28 *(1.10)*	19 *(0.75)*		
10	3/8"	F	HNV 38 GAS F 5	3/8" BSP Female	64 *(2.52)*	35 *(1.38)*	24 *(0.94)*		
10	3/8"	F	HNV 38 NPT F 5	3/8" NPTF Female	64 *(2.52)*	35 *(1.38)*	24 *(0.94)*		
12.5	1/2"	F	HNV 12 GAS F 5	1/2" BSP Female	72 *(2.83)*	44 *(1.73)*	30 *(1.18)*		
12.5	1/2"	F	HNV 12 NPT F 5	1/2" NPTF Female	72 *(2.83)*	44 *(1.73)*	30 *(1.18)*		
20	3/4"	F	HNV 34 GAS F 5	3/4" BSP Female	89 *(3.50)*	52 *(2.05)*	36 *(1.42)*		
20	3/4"	F	HNV 34 NPT F 5	3/4" NPTF Female	89 *(3.50)*	52 *(2.05)*	36 *(1.42)*		
25	1"	F	HNV 1 GAS F 5	1" BSP Female	106 *(4.17)*	62 *(2.44)*	41 *(1.61)*		
25	1"	F	HNV 1 NPT F 5	1" NPTF Female	106 *(4.17)*	62 *(2.44)*	41 *(1.61)*		
40	1-1/2"	F	HNV112 GAS F 5	1-1/2" BSP Female	126 *(4.96)*	75 *(2.95)*	65 *(2.56)*		
50	2"	F	HNV 2 GAS F 5	2" BSP Female	142 *(5.59)*	105 *(4.13)*	89 *(3.50)*		



Male – Maschio – Stecker – Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm.	inch.			mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	grams	No.
3	1/8"	F	HNV 18 GAS M 5	1/8" BSP Female	32 *(1.25)*	B+C -19 *(0.75)*	10.8 *(0.43)*	16 *(0.63)*		
3	1/8"	F	HNV 18 NPT M 5	1/8" NPTF Female	32 *(1.25)*	B+C -19 *(0.75)*	10.8 *(0.43)*	16 *(0.63)*		
6.3	1/4"	F	HNV 14 GAS M 5	1/4" BSP Female	35 *(1.38)*	B+C -21 *(0.83)*	14.1 *(0.55)*	19 *(0.75)*		
6.3	1/4"	F	HNV 14 NPT M 5	1/4" NPTF Female	35 *(1.38)*	B+C -21 *(0.83)*	14.1 *(0.55)*	19 *(0.75)*		
10	3/8"	F	HNV 38 GAS M 5	3/8" BSP Female	39 *(1.54)*	B+C -25 *(0.98)*	19 *(0.75)*	22 *(0.87)*		
10	3/8"	F	HNV 38 NPT M 5	3/8" NPTF Female	39 *(1.54)*	B+C -25 *(0.98)*	19 *(0.75)*	22 *(0.87)*		
12.5	1/2"	F	HNV 12 GAS M 5	1/2" BSP Female	44 *(1.73)*	B+C -28 *(1.10)*	23,5 *(0.92)*	27 *(1.06)*		
12.5	1/2"	F	HNV 12 NPT M 5	1/2" NPTF Female	44 *(1.73)*	B+C -28 *(1.10)*	23,5 *(0.92)*	27 *(1.06)*		
20	3/4"	F	HNV 34 GAS M 5	3/4" BSP Female	55 *(2.16)*	B+C -34 *(1.34)*	31.4 *(1.24)*	34 *(1.34)*		
20	3/4"	F	HNV 34 NPT M 5	3/4" NPTF Female	55 *(2.16)*	B+C -34 *(1.34)*	31.4 *(1.24)*	34 *(1.34)*		
25	1"	F	HNV 1 GAS M 5	1" BSP Female	66 *(2.60)*	B+C -40 *(1.57)*	37,8 *(1.49)*	41 *(1.61)*		
25	1"	F	HNV 1 NPT M 5	1" NPTF Female	66 *(2.60)*	B+C -40 *(1.57)*	37,8 *(1.49)*	41 *(1.61)*		
40	1-1/2"	F	HNV112 GAS M 5	1-1/2" BSP Female	126 *(4.96)*	B+C -54 *(2.13)*	44.5 *(1.75)*	65 *(2.56)*		
50	2"	F	HNV 2 GAS M 5	2" BSP Female	142 *(5.59)*	B+C -65 *(2.56)*	63.2 *(2.49)*	89 *(3.50)*		

HNV

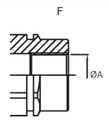
Brass
Ottone
Messing
Laiton

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
3	1/8”	TFH 18	●		TMH 18	●		SK HNV 14	1*
6.3	1/4”	TFH 14	●		TMH 14	●		SK HNV 14	1*
10	3/8”	TFH 38	●		TMH 38	●		SK HNV 38	1*
12.5	1/2”	TFH 12	●		TMH 12	●		SK HNV 12	1*
20	3/4”	TFH 34	●		TMH 34	●		SK HNV 34	1*
25	1”	TFH 1	●		TMH 1	●		SK HNV 1	1*
40	1-1/2”							SK HNV 112	1**
50	2”							SK HNV 2	1**

*10 O’rings + 10 PTFE rings ** 5 O’rings

Thread Filetto Anschluss Filetage

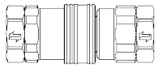


TNV

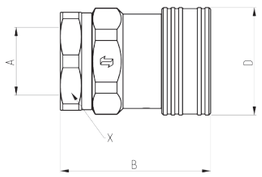


Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Zurückziehen der Verriegelungshülse und Einstecken des Steckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluß durch Kegelventil	Système d’étanchéité a clapet standard
Connection under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
Disconnection under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability US Market	Intercambiabilità US Market	Austauschbarkeit US Market	Interchangeabilité selon US Market

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d’application

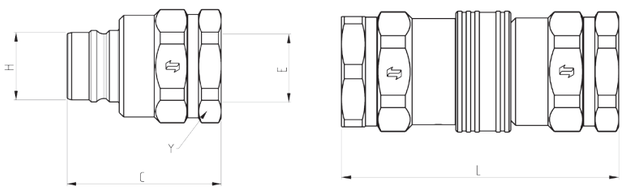
Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d’ éclatement		
		@ 0,2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4”	27 *(3915)*	22 *(5.81)*	110 *(15950)*	160 *(23200)*	110 *(15950)*
10	3/8”	30 *(4350)*	65 *(17.17)*	160 *(23200)*	180 *(26100)*	120 *(17400)*
12.5	1/2”	22 *(3190)*	75 *(19.82)*	88 *(12760)*	90 *(4350)*	88 *(12760)*
20	3/4”	19 *(2755)*	170 *(44.91)*	76 *(11020)*	76 *(11020)*	76 *(11020)*
25	1”	15 *(2175)*	280 *(73.98)*	60 *(8700)*	60 *(8700)*	60 *(8700)*
31.5	1 1/4”	10 *(1450)*	450 *(118.89)*	40 *(5800)*	50 *(7250)*	50 *(7250)*
40	1 1/2”	11 *(1595)*	450 *(118.89)*	45 *(6525)*	45 *(6525)*	45 *(6525)*
50	2”	10 *(1450)*	1100 *(290.62)*	40 *(5800)*	40 *(5800)*	40 *(5800)*

	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgehärtet in besonders banspruchter Stresszone	Acier à haute teneur en carbone avec traitement thermique des pièces d’usure
	Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2



Female – Femmina – Muffe – Femelle :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4″	F	TNV 04 NPT F	1/4″ NPTF Female	50 (1.97)	24 *(0.94)*	22 *(0.87)*		
10	3/8″	F	TNV 06 NPT F	3/8″ NPTF Female	57 (2.24)	27 *(1.06)*	24 *(0.94)*		
12.5	1/2″	F	TNV 08 NPT F	1/2″ NPTF Female	65 (2.56)	34 *(1.34)*	30 *(1.18)*		
20	3/4″	F	TNV 12 GAS F	3/4″ BSP Female	64 (2.52)	42 *(1.65)*	36 *(1.42)*		
20	3/4″	F	TNV 12 NPT F	3/4″ NPTF Female	64 (2.52)	42 *(1.65)*	36 *(1.42)*		
25	1″	F	TNV 16 GAS F	1″ BSP Female	71 (2.80)	51 *(2.01)*	46 *(1.81)*		
25	1″	F	TNV 16 NPT F	1″ NPTF Female	71 (2.80)	51 *(2.01)*	46 *(1.81)*		
31.5	1-1/4″	F	TNV 20 GAS F	1-1/4″ BSP Female	97 (3.82)	56 *(2.20)*	50 *(1.97)*		
31.5	1-1/4″		TNV 20 NPT F	1-1/4″ NPTF Female	97 (3.82)	56 *(2.20)*	50 *(1.97)*		
40	1-1/2″	F	TNV 24 GAS F	1-1/2″ BSP Female	91 (3.58)	70 *(2.76)*	65 *(2.56)*		
40	1-1/2″		TNV 24 NPT F	1-1/2″ NPTF Female	91 (3.58)	70 *(2.76)*	65 *(2.56)*		
50	2″	F	TNV 32 NPT F	2″ NPTF Female	120 (4.02)	90 *(3.54)*	89 *(3.50)*		



Male – Maschio – Stecker – Male :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm.	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4″	F	TNV 04 NPT M	1/4″ NPTF Female	49 *(1.93)*	84 *(3.31)*	10,8 *(0.43)*	22 *(0.87)*		
10	3/8″	F	TNV 06 NPT M	3/8″ NPTF Female	57 *(2.24)*	95 *(3.74)*	12,9 *(0.51)*	24 *(0.94)*		
12.5	1/2″	F	TNV 08 NPT M	1/2″ NPTF Female	63 *(2.48)*	110 *(4.33)*	16 *(0.63)*	30 *(1.18)*		
20	3/4″	F	TNV 12 GAS M	3/4″ BSP Female	64 *(2.52)*	106 *(4.17)*	23,3 *(0.92)*	36 *(1.42)*		
20	3/4″	F	TNV 12 NPT M	3/4″ NPTF Female	64 *(2.52)*	106 *(4.17)*	23,3 *(0.92)*	36 *(1.42)*		
25	1″	F	TNV 16 GAS M	1″ BSP Female	68 *(2.68)*	116 *(4.57)*	29,7 *(1.17)*	46 *(1.81)*		
25	1″	F	TNV 16 NPT M	1″ NPT Female	68 *(2.68)*	116 *(4.57)*	29,7 *(1.17)*	46 *(1.81)*		
31.5	1-1/4″	F	TNV 20 GAS M	1-1/4″ BSP Female	91 *(3.58)*	164 *(6.46)*	36,1 *(1.42)*	50 *(1.97)*		
31.5	1-1/4″	F	TNV 20 NPT M	1-1/4″ NPTF Female	91 *(3.58)*	164 *(6.46)*	36,1 *(1.42)*	50 *(1.97)*		
40	1-1/2″	F	TNV 24 GAS M	1-1/2″ BSP Female	85 *(3.35)*	148 *(5.83)*	43,5 *(1.71)*	65 *(2.56)*		
40	1-1/2″	F	TNV 24 NPT M	1-1/2″ NPTF fEmale	85 *(3.35)*	148 *(5.83)*	43,5 *(1.71)*	65 *(2.56)*		
50	2″	F	TNV 32 NPT M	2″ NPTF Female	98 *(3.86)*	181 *(7.13)*	56,8 *(2.24)*	89 *(3.50)*		

TNV

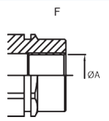
ISO A - ISO B - Standard
Agriculture Agricoltura Ausfurung Agritechnik Agriculture
Screw Together Innesti a Vite Schraubkupplungen A Visser
Check Valves Valvole Unidirezionali Rückschlaventile Clapet Anti-retour
Diagnostic Diagnostici Diagnostik Kupplung Diagnostic
Flat Face Innesti Faccia Piana Flachdichtend Clapet à Face Plat
Multifaster Multiconnessioni Multikupplungen Multifaster

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
1/4″	0.25	TFH 18	●		TMH 18	●		SK TNV 04	1*
3/8″	0.39	--	●		--	●		SK TNV 06	1*
1/2″	0.49	TFA 38 R	●		TMA 38 R	●		SK TNV 08	1*
3/4″	0.79	TFH 12	●		TMH 12	●		SK TNV 12	1*
1″	0.98	TFH 34	●		TMH 34	●		SK TNV 16	1*
1-1/4″	1.24					●		SK TNV 20	1**
1-1/2″	1.57					●		SK TNV 24	1**
2″	1.97							SK TNV 32	1***

*10 O'rings + 10 PTFE rings ** 5 O'rings + 5 PTFE rings *** 5 PTFE rings

Thread Filetto Anschluss Filetage



CPV-CNV



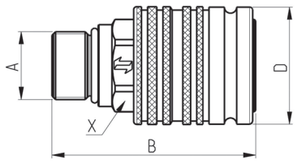
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pushing the male coupling	Connessione spingendo la parte maschio	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling the male part	Disconnessione tirando la parte maschio	Push - Pull Verbindungs und Trennsystem	Déconnexion en en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluß durch Kegelventil	Système d'étanchéité à clapet standard
Connectable with male part (ISO A) under pressure	Innestabile con maschio (ISO A) in pressione	Stecker (ISO A) unter Druck kuppelbar	Connexion avec le mâle (ISO A) sous pression
Disconnection under pressure not allowed. Breakaway function according to ISO 5675	Disconnessione in pressione non consentita. Funzione anti-danneggiamento a norma ISO 5675	Entkuppeln unter Druck nicht erlaubt. Losreißfunktion gem. ISO 5675	Déconnexion sous pression non autorisée. Fonction de rupture selon ISO 5675
Interchangeability according to ISO 7241-1 part A	Intercambiabilità secondo norme ISO 7241-1 parte A	Austauschbarkeit gemäß ISO 5271-1 Teil A	Interchangeabilité selon ISO 7241-1 part A

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
10	3/8"	27 *(3800)*	24 *(6.2)*	115 *(16400)*	130 *(18600)*	110 *(15700)*
12.5	1/2"	30 *(4300)*	75 *(19.8)*	120 *(17100)*	120 *(17100)*	120 *(17100)*
25	1"	22 *(3150)*	270 *(71.4)*	110 *(15700)*	110 *(15700)*	90 *(12900)*

	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgeärtet in besonders banspruchter Stress zone	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	Mate500 ®	Mate500 ®	Mate500 ®	Mate500 ®
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

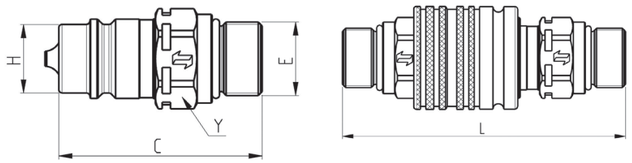
CPV-CNV



Female – Femmina – Muffe – Femelle

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
10	3/8"	2/	CPV062/1615 F	M16x1,5 Male 10L	62 *(2.44)*	33 *(1.30)*		24 *(0.94)*		
12.5	1/2"	F	PV 12 GAS F	1/2" BSP Female	66 *(2.60)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	F	PV 12 NPT F	1/2" NPT Female	66 *(2.60)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	F	CPV08 38 GAS F	3/8" BSP Female	62 *(2.44)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	F	CPV08 2215 F	M22x1,5 Female	67 *(2.64)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	0	CPV080/38GAS F	3/8"BSP Female O'Ring	63 *(2.48)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	0	CPV080/12GAS F	1/2"BSP Female O'Ring	67 *(2.64)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	0	CPV080/1815 F	M18x1.5 Female O'Ring	63 *(2.48)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	0	CPV080/2215 F	M22x1.5 Female O'Ring	67 *(2.64)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	0	CPV080/12SAE F	3/4 UNF Female	66 *(2.60)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	1/	CPV081/12SAE F	3/4 UNF Male	66 *(2.60)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	2/	CPV082/1415 F	M14x1,5 Male 8L	65 *(2.56)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	2/	CPV082/1615 F	M16x1,5 Male 10L	64 *(2.52)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	2/	CPV082/1815 F	M18x1,5 Male 12L	63 *(2.48)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	2/	CPV082/2215 F	M22x1,5 Male 15L	64 *(2.52)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	2/	CPV082/2615 F	M26x1,5 Male 18L	63 *(2.48)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	3/	CPV083/2015 F	M20x1,5 Male 12S	64 *(2.52)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	3/	CPV083/2415 F	M23x1,5 Male 16S	66 *(2.60)*	38 *(1.50)*		27 *(1.06)*		
12.5	1/2"	5/	CPV085/1815 F	M18x1,5 Male 12L	87 *(3.42)*	38 *(1.50)*	35 *(1.38)*	27 *(1.06)*		
12.5	1/2"	5/	CPV085/2215 F	M22x1,5 Male 15L	87 *(3.42)*	38 *(1.50)*	35 *(1.38)*	27 *(1.06)*		
12.5	1/2"	6/	CPV086/2015 F	M20x1,5 Male 12S	87 *(3.42)*	38 *(1.50)*	35 *(1.38)*	27 *(1.06)*		
12.5	1/2"	7/	CPV087/1615 F	M16x1,5 Male 10L	78 *(3.07)*	38 *(1.50)*	26 *(1.02)*	27 *(1.06)*		
12.5	1/2"	7/	CPV087/1815 F	M18x1,5 Male 12L	78 *(3.07)*	38 *(1.50)*	26 *(1.02)*	27 *(1.06)*		
12.5	1/2"	7/	CPV087/2215 F	M22x1,5 Male 15L	78 *(3.07)*	38 *(1.50)*	26 *(1.02)*	27 *(1.06)*		
12.5	1/2"	14/	CPV0814/12SAEF	3/4" - 14 UNF Male	88 *(3.46)*	38 *(1.50)*	37 *(1.45)*	27 *(1.06)*		
25	1"	F	CPV16 1GAS F	1" BSP Female	101 *(3.98)*	54 *(2.13)*	.	42 *(1.65)*		
25	1"	2/	CPV162/302 F	M30x2 Male 22L	101 *(3.98)*	54 *(2.13)*	.	38 *(1.50)*		

CPV-CNV



Male – Maschio – Stecker – Male :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
10	3/8″	2/	CNV062/1615 M	M16x1.5 Male 10L	55 *(2.16)*	17.2 *(0.68)*	B+C –18 *(0.71)*		24 *(0.94)*		
12.5	1/2″	F	CNV08 38 GAS M	3/8″ BSP Female	57 *(2.24)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	0	CNV080/1815 M	M18x1.5 Female O'Ring	57 *(2.24)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	0	CNV080/2215 M	M22x1.5 Female O'Ring	61 *(2.40)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	2/	CNV082/1415 M	M14x1.5 Male 8L	59 *(2.32)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	2/	CNV082/1615 M	M16x1.5 Male 10L	59 *(2.32)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	2/	CNV082/1815 M	M18x1.5 Male 12L	57 *(2.24)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	2/	CNV082/2215 M	M22x1.5 Male 15L	58 *(2.28)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	2/	CNV082/2615 M	M26x1.5 Male 18L	58 *(2.28)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	3/	CNV083/2015 M	M20x1.5 Male 12S	58 *(2.28)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	3/	CNV083/2415 M	M24x1.5 Male 16S	60 *(2.36)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	5/	CNV085/2215 M	M22x1.5 Male 15L	81 *(3.19)*	20.5 *(0.81)*	B+C –22 *(0.87)*	35 *(1.38)*	27 *(1.06)*		
12.5	1/2″	7/	CNV087/1615 M	M16x1.5 Male 10L	72 *(2.83)*	20.5 *(0.81)*	B+C –22 *(0.87)*	26 *(1.02)*	27 *(1.06)*		
12.5	1/2″	7/	CNV087/1815 M	M18x1.5 Male 12L	72 *(2.83)*	20.5 *(0.81)*	B+C –22 *(0.87)*	27 *(1.06)*	27 *(1.06)*		
12.5	1/2″	7/	CNV087/2215 M	M18x1.5 Male 15L	72 *(2.83)*	20.5 *(0.81)*	B+C –22 *(0.87)*	28 *(1.10)*	27 *(1.06)*		
12.5	1/2″	14/	CNV0814/12SAEM	3/4 UNF Male	83 *(3.27)*	20.5 *(0.81)*	B+C –22 *(0.87)*	37 *(1.45)*	27 *(1.06)*		
12.5	1/2″	16/	CNV0816/38GASM	3/8″ BSP Male	60 *(2.36)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	16/	CNV0816/12GASM	1/2″ BSP Male	60 *(2.36)*	20.5 *(0.81)*	B+C –22 *(0.87)*		27 *(1.06)*		
25	1″	F	CNV16 1GAS M	1″ BSP Female	72 *(2.83)*	37.8 *(1.49)*	B+C –34 *(1.34)*		38 *(1.50)*		
25	1″	2/	CNV162/302 M	M30x2 Male 22L	75 *(2.95)*	37.8 *(1.49)*	B+C –34 *(1.34)*		42 *(1.65)*		

CPV-CNV

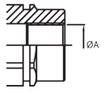
Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
10	3/8″	TFA 38			TMA 38			SK ANV 38	1*
12.5	1/2″	TF 12 G			TM 12 L/G			SK NV 12	1*
25	1″	TFA 1			TMA 1			SK ANV 1	1*

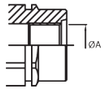
*10 O'rings + 10 PTFE rings

Thread Filetto Anschluss Filetage

F



0



1/



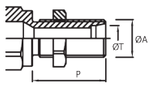
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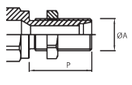
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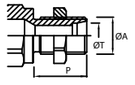
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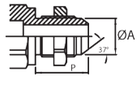
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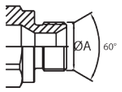
7/



14/



16/

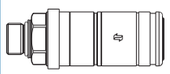
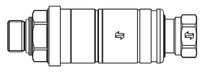


3CFPV



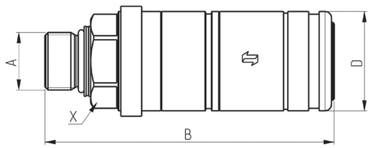
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pushing the male coupling	Connessione spingendo la parte maschio	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling the male part	Disconnessione tirando la parte maschio	Push - Pull Verbindungs-und Trennsystem	Déconnexion en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluß durch Kegelventil	Système d'étanchéité à clapet standard
Connectable with male part (ISO A) under pressure	Innestabile con maschio (ISO A) in pressione	Stecker (ISO A) unter Druck kuppelbar	Connexion avec le mâle (ISO A) sous pression
Disconnection under pressure only as breakaway	Disconnessione in pressione solo come manovra di emergenza	Muffe und Stecker nur im Notfall unter Druck entkuppelbar	Déconnexion sous pression uniquement en cas d'urgence
Interchangeability according to ISO 7241-1 part A	Intercambiabilità secondo norme ISO 7241-1 parte A	Austauschbarkeit gemäß ISO 7241-1 Teil A	Interchangeabilité selon ISO 7241-1 part A

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm inch.	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
12.5 1/2"	25 *(3625)*	68 *(18)*	120 *(17400)*	100 *(14500)*	105 *(15250)*

	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgehärtet in besonders banspruchter Stresszo ne	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
	Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	Mate500 ®	Mate500 ®	Mate500 ®	Mate500 ®
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

3CFPV



Female – Femmina – Muffe – Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis
mm	inch.			mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g (lbs)	No.
12.5	1/2"	F	3CFPV 12 GAS F	1/2" BSP Female	107.3 *(4.22)*	38 *(1.50)*		27 *(1.06)*		10
12.5	1/2"	F	3CFPV 12 NPT F	1/2" NPTF Female	107.3 *(4.22)*	38 *(1.50)*		27 *(1.06)*		10
12.5	1/2"	F	3CFPV 34 UNF F	3/4" UNF Female ORB	107.3 *(4.22)*	38 *(1.50)*		27 *(1.06)*		10
12.5	1/2"	1/	3CFPV 1/2215 F	M22x1,5 Male 122	110.8 *(4.36)*	38 *(1.50)*		32 *(1.26)*		10
12.5	1/2"	1/	3CFPV1/78 UNF F	7/8" UNF Male ORB	113.7 *(4.48)*	38 *(1.50)*		32 *(1.26)*		10
12.5	1/2"	7/	3CFPV 7/2215 F	M22x1,5 Male 15L	123.5 *(4.86)*	38 *(1.50)*	28 *(1.10)*	32 *(1.26)*		10
12.5	1/2"	14/	3CFPV14/34 UNF F	3/4" UNF Male ORB	124.8 *(4.91)*	38 *(1.50)*	37 *(1.46)*	32 *(1.26)*		10
12.5	1/2"	14/	3CFPV14/78 UNF F	7/8" UNF Male ORB	128.8 *(5.07)*	38 *(1.50)*	40 *(1.57)*	32 *(1.26)*		10
12.5	1/2"	21/	3CFPV21/2215 F	M22x1,5 Male	110.3 *(4.34)*	38 *(1.50)*		32 *(1.26)*		10

Male – Maschio – Stecker – Male : Pag. 14

3CFPV

Accessories - Accessori - Zubehör - Accessoires

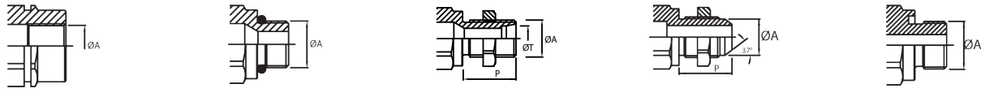
Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Packungaseinheit Colis
		NYLON			PVC			
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur		Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur		
12.5	1/2"	TA 12	●		TM 12 L	●	N/A	
		TA 12 G	●		TM 12 L/G	●		
		TA 12 R	●		TM 12 L/R	●		
		TA 12 N	●		TM 12 L/N	●		
		TAID 12 N		●				

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Oil Collection System Raccogli Olio Staubkappe mit Ölsammelvorrichtung Système de collecte d'huile		Colour identification clips Clips identificative colorate Markierungsclip Farbe Clips identificateurs			
		NYLON					
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation		Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur
12.5	1/2"			ID B +	●	ID B -	●
		TARV 2 61		ID G +	●	ID G -	●
		TARV 2 6145		ID R +	●	ID R -	●
				ID V +	●	ID V -	●
				ID N +	●	ID N -	●
				ID BI +	○	ID BI -	○

Thread Filetto Anschluss Filetage

F 1/ 7/ 14/ 21/



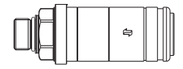
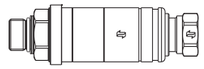
4SRPV



Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pushing the male coupling	Connessione spingendo la parte maschio	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling the male part	Disconnessione tirando la parte maschio	Push - Pull Verbindungs-und Trennsystem	Déconnexion en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluß durch Kegelventil	Système d'étanchéité à clapet standard
Connectable with male and female under pressure - one step Connection	Innestabile con maschio e femmina in pressione - con manovra unica	Muffe und Stecker unter Druck kuppelbar - directes Kuppeln	Connexion avec mâle et femelle sous pression - une seul étape
Breakaway function according to ISO 5675 specifications	Funzione " Breakaway " secondo le norme ISO 5675	Abreißfunktion gemäß ISO 5675 Standard	Fonction " Breakaway " sélon le normes ISO 5675
Interchangeability according to ISO 7241-1 part A	Intercambiabilità secondo norme ISO 7241-1 parte A	Austauschbarkeit gemäß ISO 7241-1 Teil A	Interchangeabilité selon ISO 7241-1 part A

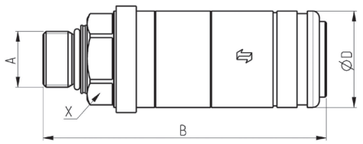
Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
12.5	1/2"	25 *(3625)*	70 *(18.5)*	120 *(17400)*	100 *(14500)*	100 *(14500)*

	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgehärtet in besonders banspruchter Stresszo ne	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
	Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

4SRPV



Female – Femmina – Muffe – Femelle :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
12.5	1/2″	F	4SRPV08 12GF H	1/2″ BSP Female	109.0 *(4.29)*	38 *(1.50)*		27 *(1.06)*		10
12.5	1/2″	F	4SRPV08 12NF H	1/2″ NPTF Female	109.0 *(4.29)*	38 *(1.50)*		27 *(1.06)*		10
12.5	1/2″	1/	4SRPV081/22F H	M22x1,5 Male 122	112.5 *(4.43)*	38 *(1.50)*		32 *(1.26)*		10
12.5	1/2″	4/	4SRPV084/38GF H	3/8″ BSP Male	*132.5 (5.22)*	*38 (1.50)*	*35 (1.38)*	*32 (1.26)*		10
12.5	1/2″	4/	4SRPV084/12GF H	1/2″ BSP Male	133.0 *(5.24)*	38 *(1.50)*	34 *(1.34)*	32 *(1.26)*		10
12.5	1/2″	4/	4SRPV084/58GF H	5/8″ BSP Male	*132.5 (5.22)*	38 *(1.50)*	*35 (1.38)*	32 *(1.26)*		10
12.5	1/2″	7/	4SRPV087/2215FH	M22X1,5 Male 15L	*125.2 (4.93)*	*38 (1.50)*	*28 (1.10)*	32 *(1.26)*		10
12.5	1/2″	14/	4SRPV0814/58SFH	7/8″ UNF Male ORB	130.5 *(5.14)*	38 *(1.50)*	40 *(1.57)*	32 *(1.26)*		10
12.5	1/2″	19/	4SRPV0819/22F H	M22x1,5 Male	*136.5 (5.37)*	38 *(1.50)*	39 (1.53)	32 *(1.26)*		10
12.5	1/2″	21/	4SRPV0821/22FAH	M22x1,5 Male	112.0 *(4.41)*	38 *(1.50)*		32 *(1.26)*		10
12.5	1/2″	22/	4SRPV0822/38GFH	3/8″ BSP Male	112.0 *(4.41)*	38 *(1.50)*		32 *(1.26)*		10



Male – Maschio – Stecker – Male : Pag. 14

4SRPV

ISO A - ISO B - Standard
Agriculture Agricoltura Ausführung Agrikechnik Agriculture
Screw Together Innesti a Vite Schraubkupplungen A Visser
Check Valves Valvole Unidirezionali Rückschlaventile Clapet Anti-retour
Diagnostic Diagnostici Diagnostik Kupplung Diagnostic
Flat Face Innesti Faccia Piana Flachdichtend Clapet à Face Plat
Multifaster Multiconnessioni Multikupplungen Multifaster

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Packungaseinheit Colis
		NYLON			PVC			
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur		Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur		
12.5	1/2″	TA 12	●		TM 12 L	●	N/A	
		TA 12 G	●		TM 12 L/G	●		
		TA 12 R	●		TM 12 L/R	●		
		TA 12 N	●		TM 12 L/N	●		
		TAID 12 N		●				

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Oil Collection System Raccogli Olio Staubkappe mit Ölsammelvorrichtung Système de collecte d'huile		Colour identification clips Clips identificative colorate Markierungsclip Farbe Clips identificateurs	
		NYLON			
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation		Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur
12.5	1/2″			ID B +	●
		TARV 2 61		ID G +	●
		TARV 2 6145		ID R +	●
				ID V +	●
				ID N +	●
				ID BI +	○

Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur
ID B -	●
ID G -	●
ID R -	●
ID V -	●
ID N -	●
ID BI -	○

Thread Filetto Anschluss Filetage

F 1/ 4/ 7/ 14/ 19/ 21/ 22/

VF
VFB



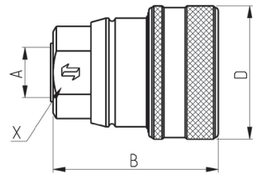
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en en tirant la bague femelle
Shut off by flat valve	Sistema di tenuta mediante valvola piana	Verschluss durch flachdichtendes Ventil	Clapet à Face Plate
Connection under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
Disconnection under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 5676	Intercambiabilità secondo norme ISO 5676	Austauschbarkeit gemäß ISO 5676 Standard	Interchangeabilité selon ISO 5676
No spillage during connection and Disconnection	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage wärend des Kuppel und Entkuppelvorgangs	Pas fuites lors de la connexion et la déconnexion

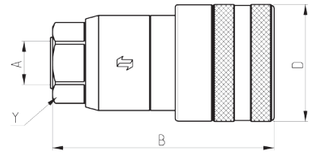
Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
VF		@ 0,2 MPa pressure drop			
mm / inch.	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
10 / 3/8"	22 *(3175)*	40 *(10.5)*	110 *(24200)*	90 *(13050)*	90 *(13050)*
VFB		@ 0,2 MPa pressure drop			
mm / inch.	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
10 / 3/8"	25 *(3625)*	50 *(13.2)*	100 *(14500)*	100 *(14500)*	100 *(14500)*

	Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
	FEMALE: high grade steel carbonitrited wearing parts. MALE: high grade carbon steel induction hardened	FEMMINA: in acciaio con parti sollecitate carbonitrurate. MASCHIO:in acciaio al carbonio temprato ad induzione	MUFFE: Hochwehrtiger Karbonnitritstahl in besonders beanspruchten Zonen. STECKER: Hochwehrtiger Karbonstahl induktionsgehärtet	FEMELLE: Acier avec le zones d'usure carbonitrided. MALE: acier à haute teneur trempés par induction
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	Mate500 ®	Mate500 ®	Mate500 ®	Mate500 ®
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

VF
VFB

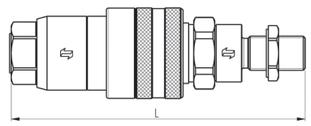


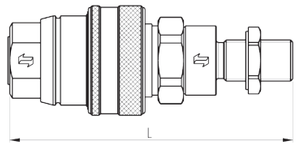


Female – Femmina – Muffe – Femelle:

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X / Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
10	3/8"	F	VF 38 GAS F	3/8" BSP Female	55 *(2.16)*	44 *(1.73)*		27 *(1.06)*		15
10	3/8"	F	VF 1815 F	M18x1.5 Female	55 *(2.16)*	44 *(1.73)*		27 *(1.06)*		15
10	3/8"	0	VF 0/12 GAS F	3/8"BSP Female O'Ring	59 *(2.32)*	44 *(1.73)*		27 *(1.06)*		15
10	3/8"	F	VFB 38 GAS F	3/8" BSP Female	84 *(3.31)*	44 *(1.73)*		27 *(1.06)*		15
10	3/8"	F	VFB 12 GAS F	1/2" BSP Female	84 *(3.31)*	44 *(1.73)*		27 *(1.06)*		15
10	3/8"	F	VFB 1815 F	M18x1,5 Female	84 *(3.31)*	44 *(1.73)*		27 *(1.06)*		15





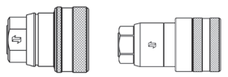
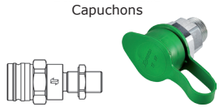
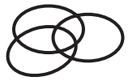


Male – Maschio – Stecker – Male :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
10	3/8"	1/	VF 1/12 GAS M	1/2" BSP Male	59 *(2.32)*	B+C –22 *(0.87)*		32 *(1.06)*		25
10	3/8"	5/	VF 5/2215 M	M22x1.5 Male 15L	59 *(2.32)*	B+C –22 *(0.87)*	35 *(1.38)*	32 *(1.06)*		25
10	3/8"	7/	VF 7/1815 M	M18x1.5 Male 12L	52 *(2.05)*	B+C –22 *(0.87)*	26 *(1.02)*	32 *(1.06)*		25
10	3/8"	8/	VF 8/2015 M	M20x1.5 Male 12S	54 *(2.13)*	B+C –22 *(0.87)*	35 *(1.38)*	32 *(1.06)*		25
10	3/8"	9/	VF 9/1615 M	M16x1.5 Male 10L	54 *(2.13)*	B+C –22 *(0.87)*		32 *(1.06)*		25
10	3/8"	9/	VF 9/1815 M	M18x1.5 Male 12L	54 *(2.13)*	B+C –22 *(0.87)*		32 *(1.06)*		25

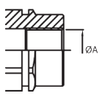
VF
VFB

Accessories - Accessori - Zubehör - Accessoires

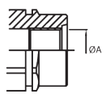
Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Packungaseinheit Colis
							
		Aluminum		PVC			
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur		
10	3/8"			TFVF		N/A	

Thread Filetto Anschluss Filetage

F



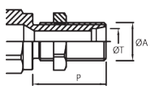
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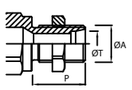
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5/



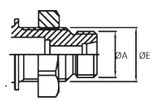
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8/



9/



CVV

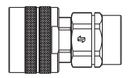
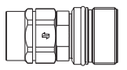
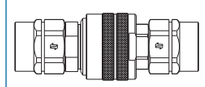


Features	Caratteristiche	Merkmale	Caractéristiques
Connection by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
Disconnection by unscrewing the two parts	Disconnessione svitando maschio e femmina	Entkuppeln durch Abschrauben	Déconnexion en dévissant les deux parties
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluß durch Kegelventil	Système d'étanchéité a clapet standard
Connectable under residual pressure	Innestabile con pressione residua	Kuppelbar unter Restdruck	Connectable sous pression résiduelle
Disconnection under residual pressure	Disconnessione con pressione residua	Entkuppelbar unter Restdruck	Déconnexion avec une pression résiduelle
Interchangeability German Market	Intercambiabilità mercato Tedesco	Austauschbarkeit deutschen Markt	Interchangeabilité marché Allemand

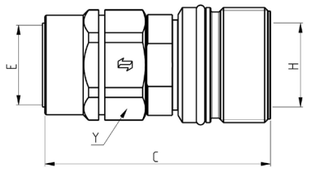
Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application





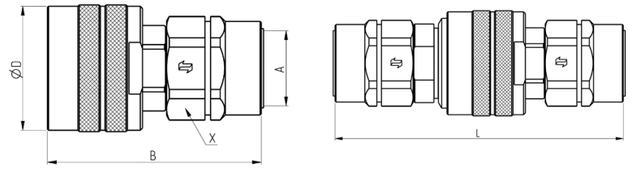

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4"	50 *(7500)*	13 *(3.3)*	150 *(22500)*	160 *(24000)*	170 *(24200)*
10	3/8"	40 *(5700)*	25 *(6.5)*	120 *(17100)*	130 *(18600)*	170 *(24200)*
12.5	1/2"	40 *(5700)*	75 *(19.8)*	120 *(17100)*	140 *(20000)*	140 *(20000)*
20	3/4"	35 *(5000)*	135 *(35.2)*	110 *(15700)*	120 *(17100)*	140 *(20000)*
25	1"	35 *(5000)*	250 *(66.1)*	110 *(15700)*	130 *(18600)*	140 *(20000)*
40	1 1/2"	35 *(5000)*	450 *(119)*	110 *(15700)*	110 *(15700)*	110 *(15700)*

	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgeärtet in besonders bansprüchter Stress zone	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2



Female – Femmina – Muffe – Femelle

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation		E	C	H	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4″	F	CVV04 14 GAS F	1/4″ BSP Female	64 *(2.52)*	13.1 *(0.52)*		19 *(0.75)*		
6.3	1/4″	2/	CVV042/1415 F	M14x1,5 Male 8L	59 *(2.33)*	13.1 *(0.52)*		19 *(0.75)*		
6.3	1/4″	7/	CVV047/1415 F	M14x1,5 Male 8L	75 *(2.96)*	13.1 *(0.52)*	26 *(1.02)*	19 *(0.75)*		
10	3/8″	F	CVV06 38 GAS F	3/8″ BSP Female	71 *(2.80)*	17.6 *(0.69)*		24 *(0.94)*		
10	3/8″	2/	CVV062/1615 F	M16x1,5 Male 10L	68 *(2.68)*	17.6 *(0.69)*		24 *(0.94)*		
12.5	1/2″	F	CVV08 38 GAS FV	3/8″BSP Female	58 *(2.28)*	22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	F	CVV08 12 GAS FV	1/2″BSP Female	62 *(2.44)*	22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	0/	CVV080/12GAS FV	1/2″BSP Female O'Ring	62 *(2.44)*	22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	2/	CVV082/1815 FV	M18x1,5 Male 12L	58 *(2.28)*	22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	2/	CVV082/2215 FV	M22x1,5 Male 15L	59 *(2.33)*	22 *(0.87)*		27 *(1.06)*		
12.5	1/2″	5/	CVV085/1815 FV	M18x1,5 Male 12L	82 *(3.23)*	22 *(0.87)*	35 *(1.38)*	27 *(1.06)*		
12.5	1/2″	5/	CVV085/2215 FV	M22x1,5 Male 15L	82 *(3.23)*	22 *(0.87)*	35 *(1.38)*	27 *(1.06)*		
12.5	1/2″	7/	CVV087/1815 FV	M18x1,5 Male 12L	73 *(2.87)*	22 *(0.87)*	26 *(1.02)*	27 *(1.06)*		
12.5	1/2″	7/	CVV087/2215 FV	M22x1,5 Male 15L	73 *(2.87)*	22 *(0.87)*	26 *(1.02)*	27 *(1.06)*		
20	3/4″	F	CVV12 34GAS FV	3/4″ BSP Female	83 *(3.27)*	28.1 *(1.11)*		38 *(1.50)*		
25	1″	F	CVV16 34 GAS FV	3/4″ BSP Female	90 *(3.54)*	35 *(1.38)*		38 *(1.50)*		
25	1″	F	CVV16 1GAS FV	1″ BSP Female	95 *(3.74)*	35 *(1.38)*		42 *(1.65)*		
25	1″	0	CVV160/1GAS FV	1″BSP Female O'Ring	93 *(3.66)*	35 *(1.38)*		42 *(1.65)*		
25	1″	2/	CVV162/302 F V	M30x2 Male 22L	89 *(3.50)*	35 *(1.38)*		38 *(1.50)*		
25	1″	3/	CVV163/362 F V	M36x2 Male 25S	93 *(3.66)*	35 *(1.38)*		38 *(1.50)*		
25	1″	3/	CVV163/422 F V	M42x2 Male 30S	90 *(3.54)*	35 *(1.38)*		46 *(1.81)*		
25	1″	5/	CVV165/302 F V	M30x2 Male 22L	109 *(4.29)*	35 *(1.38)*	34 *(1.34)*	41 *(1.61)*		
25	1″	6/	CVV166/362 F V	M36x2 Male 25S	113 *(4.45)*	35 *(1.38)*	38 *(1.50)*	42 *(1.65)*		
25	1″	6/	CVV166/422 F V	M42x2 Male 30S	110 *(4.33)*	35 *(1.38)*	40 *(1.57)*	50 *(1.97)*		
40	1 1/2″	F	CVV24 112GAS FV	1 1/2″ BSP Female	121 *(4.76)*	54 *(2.13)*		65 *(2.56)*		
40	1 1/2″	3/	CVV243/422 F V	M42x2 Male 30S	115 *(4.53)*	54 *(2.13)*		55 *(2.17)*		
40	1 1/2″	3/	CVV243/522 F V	M52x2 Male 38S	117 *(4.61)*	54 *(2.13)*		55 *(2.17)*		
40	1 1/2″	6/	CVV246/422 F V	M42x2 Male 30S	135 *(5.31)*	54 *(2.13)*	40 *(1.57)*	55 *(2.17)*		



Male – Maschio – Stecker – Male

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation		A	B	D	L	P	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.					mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4″	F	CVV04 14 GAS M	1/4″ BSP Female	64 *(2.52)*	30 *(1.18)*	B+C –27 *(1.06)*			19 *(0.75)*		
6.3	1/4″	2/	CVV042/1415 M	M14x1,5 Male 8L	59 *(2.33)*	30 *(1.18)*	B+C –27 *(1.06)*			19 *(0.75)*		
10	3/8″	F	CVV06 38 GAS M	3/8″ BSP Female	71 *(2.80)*	34 *(1.34)*	B+C –28 *(1.10)*			24 *(0.94)*		
10	3/8″	2/	CVV062/1615 M	M16x1,5 Male 10L	68 *(2.68)*	34 *(1.34)*	B+C –28 *(1.10)*			24 *(0.94)*		
12.5	1/2″	F	CVV08 38 GAS MV	3/8″BSP Female	64 *(2.52)*	42 *(1.65)*	B+C –26 *(1.02)*			27 *(1.06)*		
12.5	1/2″	F	CVV08 12 GAS MV	1/2″BSP Female	68 *(2.68)*	42 (1.65)	B+C –26 *(1.02)*			27 *(1.06)*		
12.5	1/2″	0/	CVV080/12GAS MV	1/2″BSP Female O'Ring	68 *(2.68)*	42 (1.65)	B+C –26 *(1.02)*			27 *(1.06)*		
12.5	1/2″	2/	CVV082/1815 MV	M18x1,5 Male 12L	64 *(2.52)*	42 *(1.65)*	B+C –26 *(1.02)*			27 *(1.06)*		
12.5	1/2″	2/	CVV082/2215 MV	M22x1,5 Male 15L	65 *(2.56)*	42 *(1.65)*	B+C –26 *(1.02)*			27 *(1.06)*		
12.5	1/2″	5/	CVV085/1815 MV	M18x1,5 Male 12L	88 *(3.46)*	42 *(1.65)*	B+C –26 *(1.02)*		35 *(1.38)*	27 *(1.06)*		
12.5	1/2″	5/	CVV085/2215 MV	M22x1,5 Male 15L	88 *(3.46)*	42 *(1.65)*	B+C –26 *(1.02)*		35 *(1.38)*	27 *(1.06)*		
12.5	1/2″	7/	CVV087/1815 MV	M18x1,5 Male 12L	79 *(3.11)*	42 *(1.65)*	B+C –26 *(1.02)*		26 *(1.02)*	27 *(1.06)*		
12.5	1/2″	7/	CVV087/2215 MV	M22x1,5 Male 15L	79 *(3.11)*	42 *(1.65)*	B+C –26 *(1.02)*		26 *(1.02)*	27 *(1.06)*		
20	3/4″	F	CVV12 34GAS MV	3/4″ BSP Female	85 *(3.35)*	48 *(1.89)*	B+C –31 *(1.22)*			38 *(1.50)*		
25	1″	F	CVV16 34 GAS MV	3/4″ BSP Female	90 *(3.54)*	56 *(2.20)*	B+C –34 *(1.34)*			38 *(1.50)*		
25	1″	F	CVV16 1GAS MV	1″ BSP Female	95 *(3.74)*	56 *(2.20)*	B+C –34 *(1.34)*			42 *(1.65)*		
25	1″	0/	CVV160/1GAS MV	1″BSP Female O'Ring	93 *(3.66)*	56 *(2.20)*	B+C –34 *(1.34)*			42 *(1.65)*		
25	1″	2/	CVV162/302 M V	M30x2 Male 22L	89 *(3.50)*	56 *(2.20)*	B+C –34 *(1.34)*			38 *(1.50)*		
25	1″	3/	CVV163/362 M V	M36x2 Male 25S	93 *(3.66)*	56 *(2.20)*	B+C –34 *(1.34)*			38 *(1.50)*		
25	1″	3/	CVV163/422 M V	M42x2 Male 30S	90 *(3.54)*	56 *(2.20)*	B+C –34 *(1.34)*			46 *(1.81)*		
25	1″	5/	CVV165/302 M V	M30x2 Male 22L	109 *(4.29)*	56 *(2.20)*	B+C –34 *(1.34)*		34 *(1.34)*	41 *(1.61)*		
25	1″	6/	CVV166/362 M V	M36x2 Male 25S	113 *(4.45)*	56 *(2.20)*	B+C –34 *(1.34)*		38 *(1.50)*	42 *(1.65)*		
25	1″	6/	CVV166/422 M V	M42x2 Male 30S	110 *(4.33)*	56 *(2.20)*	B+C –34 *(1.34)*		40 *(1.57)*	50 *(1.97)*		
40	1 1/2″	F	CVV24 112GAS MV	1 1/2″ BSP Female	131 *(5.16)*	80 *(3.15)*	B+C –49 *(1.93)*			65 *(2.56)*		
40	1 1/2″	3/	CVV243/422 M V	M42x2 Male 30S	125 *(4.92)*	80 *(3.15)*	B+C –49 *(1.93)*			55 *(2.17)*		
40	1 1/2″	3/	CVV243/522 M V	M52x2 Male 38S	127 *(5.00)*	80 *(3.15)*	B+C –49 *(1.93)*			55 *(2.17)*		
40	1 1/2″	6/	CVV246/422 M V	M42x2 Male 30S	145 *(5.71)*	80 *(3.15)*	B+C –49 *(1.93)*		40 *(1.57)*	55 *(2.17)*		

CVV

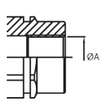
Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4”	TMVV 04	●		TFVV 04	●		SK CVV 04	1*
10	3/8”	TMVV 06	●		TFVV 06	●		SK CVV 06	1*
12.5	1/2”	TMVV 08	●		TFVV 08	●		SK CVV 08 V	1*
20	3/4”	TMVV 12	●		TFVV 12	●		SK CVV 12 V	1*
25	1”	TMVV 16	●		TFVV 16	●		SK CVV 16 V	1*
40	1 1/2”	TMVV 24	●		TFVV 24	●		SK CVV 24 V	1**

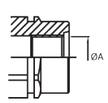
*10 O’rings + 10 PTFE rings (V Viton) ** 5 O’rings

Thread Filetto Anschluss Filetage

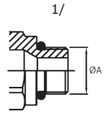
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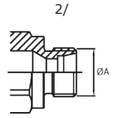
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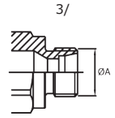
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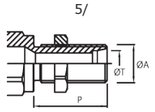
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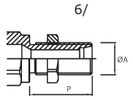
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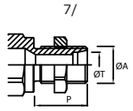
5/



6/



7/



VV



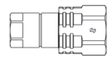
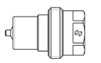
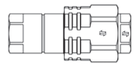
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
Disconnection by unscrewing the two parts	Disconnessione svitando maschio e femmina	Entkuppeln durch Abschrauben	Déconnexion en dévissant les deux parties
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluß durch Kegelventil	Système d’étanchéité à clapet standard
Connectable under residual pressure	Innestabile con pressione residua	Kuppelbar unter Restdruck	Connectable sous pression résiduelle
Disconnection under residual pressure	Disconnessione con pressione residua	Entkuppelbar unter Restdruck	Déconnexion avec une pression résiduelle
Interchangeability according to Faster internal Standards	Intercambiabilità secondo Norma interna Faster	Austauschbarkeit Faster internen Standard	Interchangeabilité conformément à la norme interne Faster

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d’application

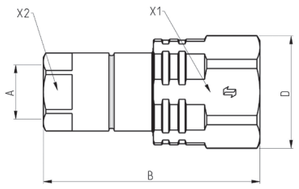






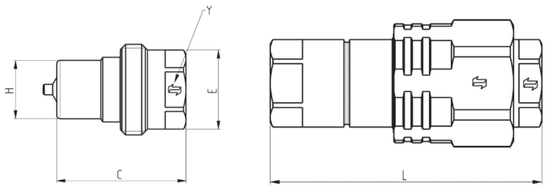
Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d’ éclatement		
		@ 0.2 MPa pressure drop			
mm	inch	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4”	35 *(5000)*	18 *(4.8)*	170 *(24700)*	140 *(20000)*	150 *(21800)*
10	3/8”	30 *(4350)*	30 *(7.9)*	120 *(17400)*	120 *(17400)*	150 *(21800)*
12.5	1/2”	30 *(4350)*	45 *(12)*	130 *(18900)*	120 *(17100)*	160 *(23000)*
20	3/4”	25 *(3600)*	90 *(24)*	100 *(14500)*	100 *(14500)*	120 *(17400)*
25	1”	23 *(3300)*	140 *(37)*	100 *(14500)*	90 *(13000)*	100 *(14500)*

	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgeärtet in besonders banspruchter Stress zone	Acier à haute teneur en carbone avec traitement thermique des pièces d’usure
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2



Female – Femmina – Muffe – Femelle

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X1	X2	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4″	F	VV 14 GAS F	1/4″ BSP Female	59.7 *(2.35)*	30 *(1.18)*	27 *(1.06)*	19 *(0.75)*		
6.3	1/4″	F	VV 14 NPT F	1/4″ NPT Female	59.7 *(2.35)*	30 *(1.18)*	22 *(0.87)*	19 *(0.75)*		
10	3/8″	F	VV 38 GAS F	3/8″ BSP Female	71.9 *(2.83)*	38 *(1.50)*	34 *(1.34)*	24 *(0.94)*		
10	3/8″	F	VV 38 NPT F	3/8″ NPT Female	71.9 *(2.83)*	38 *(1.50)*	34 *(1.34)*	24 *(0.94)*		
12.5	1/2″	F	VV 12 GAS F	1/2″BSP Female	78.7 *(3.10)*	42 *(1.65)*	38 *(1.50)*	27 *(1.06)*		
12.5	1/2″	F	VV 12 NPT F	1/2″NPT Female	78.7 *(3.10)*	42 *(1.65)*	38 *(1.50)*	27 *(1.06)*		
20	3/4″	F	VV 34 GAS F	3/4″ BSP Female	105.6 *(4.16)*	55 *(2.17)*	50 *(1.97)*	34 *(1.34)*		
20	3/4″	F	VV 34 NPT F	3/4″ NPT Female	105.6 *(4.16)*	55 *(2.17)*	50 *(1.97)*	34 *(1.34)*		
25	1″	F	VV 1 GAS F	1″ BSP Female	124 *(4.88)*	61 *(2.42)*	55 *(2.17)*	41 *(1.61)*		
25	1″	F	VV 1 NPT F	1″ NPT Female	124 *(4.88)*	61 *(2.42)*	55 *(2.17)*	41 *(1.61)*		



Male - Maschio - Stecker - Male

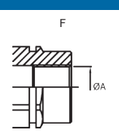
Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*		g *(lbs)*	No
6.3	1/4″	F	VV 14 GAS M	1/4″ BSP Female	33 *(1.30)*	14.1 *(0.56)*	B+C-10*(0.39)*		19 *(0.75)*		
6.3	1/4″	F	VV 14 NPT M	1/4″ NPT Female		14.1 *(0.56)*			19 *(0.75)*		
10	3/8″	F	VV 38 GAS M	3/8″ BSP Female	41 *(1.61)*	18.9 *(0.74)*	B+C-12*(0.49)*		24 *(0.94)*		
10	3/8″	F	VV 38 NPT M	3/8″ NPT Female		18.9 *(0.74)*			24 *(0.94)*		
12.5	1/2″	F	VV 12 GAS M	1/2″BSP Female	49 *(1.93)*	20.5 *(0.81)*	B+C-13*(0.50)*		27 *(1.06)*		
12.5	1/2″	F	VV 12 NPT M	1/2″NPT Female		20.5 *(0.81)*			27 *(1.06)*		
20	3/4″	F	VV 34 GAS M	3/4″ BSP Female	62 *(2.44)*	27.9 *(1.10)*	B+C-22*(0.85)*		34 *(1.34)*		
20	3/4″	F	VV 34 NPT M	3/4″ NPT Female		27.9 *(1.10)*			34 *(1.34)*		
25	1″	F	VV 1 GAS M	1″ BSP Female	70 *(2.75)*	31.3 *(1.23)*	B+C-24*(0.96)*		41 *(1.61)*		
25	1″	F	VV 1 NPT M	1″ NPT Female		31.3 *(1.23)*			41 *(1.61)*		

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4″			TFV 14 S			TMV 14 S	SK NV 14	1*
10	3/8″	TFVM 38 SR	●	TFV 38 S	TMVM 38 SR	●	TMV 38 S	SK NV 38	1*
12.5	1/2″	TFVM 12 SR	●	TFV 12 S	TMVM 12 SR	●	TMV 12 S	SK NV 12	1*
20	3/4″			TFV 34 S			TMV 34 S	SK NV 34	1*
25	1″			TFV 1 S			TMV 1 S	SK NV 1	1*

*10 O'rings + 10 PTFE rings

Thread Filetto Anschluss Filetage





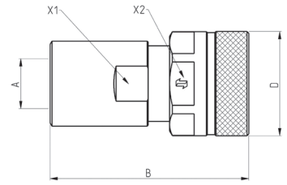
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
Disconnection by unscrewing the two parts	Disconnessione svitando maschio e femmina	Entkuppeln durch Abschrauben	Déconnexion en dévissant les deux parties
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluß durch Kegelventil	Système d'étanchéité à clapet standard
Connectable under residual pressure	Innestabile con pressione residua	Kuppelbar unter Restdruck	Connectable sous pression résiduelle
Disconnection under residual pressure	Disconnessione con pressione residua	Entkuppelbar unter Restdruck	Déconnexion avec une pression résiduelle
Interchangeability according to Faster internal Standards	Intercambiabilità secondo Norma interna Faster	Austauschbarkeit Faster internen Standard	Interchangeabilité conformément à la norme interne Faster

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm	inch.	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4"	80 *(11600)*	8 *(2.1)*	240 *(34800)*	240 *(34800)*	250 *(36300)*
10	3/8"	80 *(11600)*	18 *(4.7)*	350 *(50000)*	340 *(49300)*	240 *(34800)*
12.5	1/2"	73 *(10600)*	40 *(10.6)*	220 *(31900)*	220 *(31900)*	220 *(31900)*
20	3/4"	73 *(10600)*	55 *(14.7)*	220 *(31900)*	230 *(33400)*	230 *(33400)*
25	1"	63 *(9150)*	100 *(26)*	240 *(34800)*	190 *(27600)*	190 *(27600)*
32	1 1/4"	60 *(8700)*	140 *(37)*	180 *(26100)*	180 *(26100)*	200 *(29000)*
40	1 1/2"	40 *(5800)*	300 *(79)*	150 *(21800)*	120 *(17100)*	150 *(21800)*
50	2"	35 *(5000)*	1000 *(264)*	130 *(18600)*	130 *(18600)*	105 *(15250)*

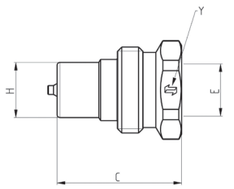
	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgeärtet in besonders bansprucher Stress zone	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

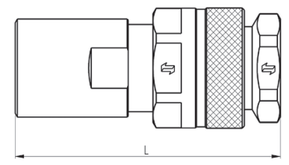
VVS



Female – Femmina – Muffe – Femelle

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4"	F	VVS 14 GAS F	1/4" BSP Female	68 *(2.68)*	30 *(1.18)*		22 *(0.87)*		
6.3	1/4"	F	VVS 14 NPT F	1/4" NPT Female	68 *(2.68)*	30 *(1.18)*		22 *(0.87)*		
10	3/8"	F	VVS 38 GAS F	3/8" BSP Female	76 *(2.99)*	40 *(1.57)*		30 *(1.18)*		
10	3/8"	F	VVS 38 NPT F	3/8" NPT Female	76 *(2.99)*	40 *(1.57)*		30 *(1.18)*		
12.5	1/2"	F	VVS 12 GAS F	1/2"BSP Female	87 *(3.43)*	45 *(1.77)*		34 *(1.34)*		
12.5	1/2"	F	VVS 12 NPT F	1/2"NPT Female	87 *(3.43)*	45 *(1.77)*		34 *(1.34)*		
20	3/4"	F	VVS 34 GAS F	3/4" BSP Female	106 *(4.17)*	55 *(2.17)*		41 *(1.61)*		
20	3/4"	F	VVS 34 NPT F	3/4" NPT Female	106 *(4.17)*	55 *(2.17)*		41 *(1.61)*		
25	1"	F	VVS 1 GAS F	1" BSP Female	124 *(4.88)*	60 *(2.36)*		50 *(1.97)*		
25	1"	F	VVS 1 NPT F	1" NPT Female	124 *(4.88)*	60 *(2.36)*		50 *(1.97)*		
32	1 1/4"	F	VVS114 GAS F	1 1/4" BSP Female	153 *(6.02)*	80 *(3.15)*		65 *(2.56)*		
32	1 1/4"	F	VVS114 NPT F	1 1/4" NPT Female	153 *(6.02)*	80 *(3.15)*		65 *(2.56)*		
40	1 1/2"	F	VVS112 GAS F	1 1/2" BSP Female	172 *(6.77)*	98 *(3.86)*		75 *(2.95)*		
40	1 1/2"	F	VVS112 NPT F	1 1/2" NPT Female	172 *(6.77)*	98 *(3.86)*		75 *(2.95)*		
50	2"	F	VVS 2 GAS F	2" BSP Female	207 *(8.15)*	129 *(5.08)*		100 *(3.94)*		
50	2"	F	VVS 2 NPT F	2" NPT Female	207 *(8.15)*	129 *(5.08)*		100 *(3.94)*		





Male – Maschio – Stecker – Male

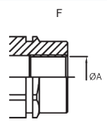
Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4"	F	VVS 14 GAS M	1/4" BSP Female	43 *(1.69)*	14.1 *(0.56)*	B+C –27 *(1.06)*		25 *(0.98)*		
6.3	1/4"	F	VVS 14 NPT M	1/4" NPT Female	43 *(1.69)*	14.1 *(0.56)*					
10	3/8"	F	VVS 38 GAS M	3/8" BSP Female	48 *(1.89)*	18.9 *(0.74)*	B+C –34 *(1.34)*		32 *(1.26)*		
10	3/8"	F	VVS 38 NPT M	3/8" NPT Female	48 *(1.89)*	18.9 *(0.74)*			32 *(1.26)*		
12.5	1/2"	F	VVS 12 GAS M	1/2"BSP Female	53 *(2.09)*	20.5 *(0.81)*	B+C –38 *(1.50)*		34 *(1.34)*		
12.5	1/2"	F	VVS 12 NPT M	1/2"NPT Female	53 *(2.09)*	20.5 *(0.81)*	B+C –38 *(1.50)*		34 *(1.34)*		
20	3/4"	F	VVS 34 GAS M	3/4" BSP Female	63 *(2.48)*	27.9 *(1.10)*	B+C –48 *(1.89)*		45 *(1.81)*		
20	3/4"	F	VVS 34 NPT M	3/4" NPT Female	63 *(2.48)*	27.9 *(1.10)*			45 *(1.81)*		
25	1"	F	VVS 1 GAS M	1" BSP Female	72 *(2.83)*	31.3 *(1.23)*	B+C –57 *(2.24)*		50 *(1.97)*		
25	1"	F	VVS 1 NPT M	1" NPT Female	72 *(2.83)*	31.3 *(1.23)*			50 *(1.97)*		
32	1 1/4"	F	VVS114 GAS M	1 1/4" BSP Female	86 *(3.39)*	43.9 *(1.73)*	B+C –72 *(2.83)*		65 *(2.56)*		
32	1 1/4"	F	VVS114 NPT M	1 1/4" NPT Female	86 *(3.39)*	43.9 *(1.73)*			65 *(2.56)*		
40	1 1/2"	F	VVS112 GAS M	1 1/2" BSP Female	95 *(3.74)*	53.4 *(2.10)*	B+C –79 *(3.11)*		80 *(3.15)*		
40	1 1/2"	F	VVS112 NPT M	1 1/2" NPT Female	95 *(3.74)*	53.4 *(2.10)*			80 *(3.15)*		
50	2"	F	VVS 2 GAS M	2" BSP Female	118 *(4.65)*	81.9 *(3.22)*	B+C –98 *(3.86)*		110 *(4.33)*		
50	2"	F	VVS 2 NPT M	2" NPT Female	118 *(4.65)*	81.9 *(3.22)*			110 *(4.33)*		

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4"			TMV 14 S			TFV 14 S	SK NV 14	1*
10	3/8"	TMVM 38 SR	●	TMV 38 S	TFVM 38 SR	●	TFV 38 S	SK NV 38	1*
12.5	1/2"	TMVM 12 SR	●	TMV 12 S	TFVM 12 SR	●	TFV 12 S	SK NV 12	1*
20	3/4"			TMV 34 S			TFV 34 S	SK NV 34	1*
25	1"			TMV 1 S			TFV 1 S	SK NV 1	1*
32	1 1/4"			TMV114 S			TFV114 S	SK VVS 114	1**
40	1 1/2"			TMV112 S			TFV112 S	SK VVS 112	1**
50	2"			TMV 2 S			TFV 2 S	SK VVS 2	1**

*10 O'rings + 10 PTFE rings **5 O'rings + 5 PTFE rings

Thread Filetto Anschluss Filetage





Stainless Steel
Inox
Edelstahl
Inoxydable

VVS

Features	Caratteristiche	Merkmale	Caractéristiques
Connection by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
Disconnection by unscrewing the two parts	Disconnessione svitando maschio e femmina	Entkuppeln durch Abschrauben	Déconnexion en dévissant les deux parties
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluß durch Kegelventil	Système d'étanchéité à clapet standard
Connectable under residual pressure	Innestabile con pressione residua	Kuppelbar unter Restdruck	Connectable sous pression résiduelle
Disconnection under residual pressure	Disconnessione con pressione residua	Entkuppelbar unter Restdruck	Déconnexion avec une pression résiduelle
Interchangeability according to Faster internal Standards	Intercambiabilità secondo Norma interna Faster	Austauschbarkeit Faster internen Standard	Interchangeabilité conformément à la norme interne Faster

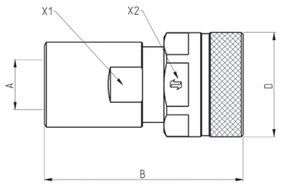
Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0.2 MPa pressure drop			
mm	inch.	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4"	60 *(8700)*	8 *(2.1)*	280 *(40600)*	180 *(26000)*	280 *(40600)*
10	3/8"	65 *(9500)*	18 *(4.8)*	200 *(29000)*	195 (28500)	250 *(36300)*
12.5	1/2"	60 *(8700)*	30 *(7.9)*	195 *(28500)*	180 *(26000)*	245 *(35500)*
20	3/4"	50 *(7300)*	45 *(12)*	160 *(23200)*	150 *(21800)*	190 *(27600)*
25	1"	46 *(6700)*	90 *(24)*	140 *(20300)*	150 *(21800)*	160 *(23200)*
32	1 1/4"	38 *(5500)*	140 *(37)*	120 *(17400)*	115 *(16700)*	150 *(21800)*
40	1 1/2"	36 *(5200)*	300 *(79)*	140 *(20300)*	110 *(16000)*	155 *(22500)*
50	2"	21 *(3000)*	1000 *(264)*	75 *(10900)*	65 *(9500)*	85 *(12500)*

	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	Stainless Steel AISI 316	Acciaio Inox AISI 316	Edelstahl AISI 316	Acier inoxydable AISI 316
	Viton Backup ring in PTFE	Viton Anello antiestrusione PTFE	Viton Stützring in PTFE	Viton Anneau anti-extrusion en PTFE
	-20°C to +200°C (-4°F to + 392°F)	-20°C a + 200°C (-4°F a + 392°F)	-20°C to +200°C (-4°F to + 392°F)	-20°C à +200°C (-4°F à + 392°F)
	-	-	-	-
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

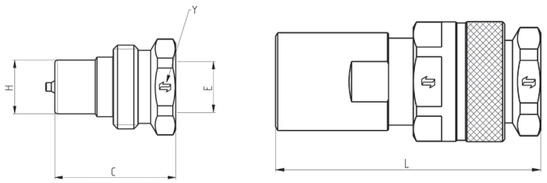
VVS

Stainless Steel
Inox
Edelstahl
Inoxydable



Female – Femmina – Muffe – Femelle

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation		A	B	D	X1	X2	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.					mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4″	F	VVS 14 GAS F 2V	1/4″ BSP Female	68 *(2.68)*	30 *(1.18)*	22 *(0.87)*	27 *(1.06)*			
6.3	1/4″	F	VVS 14 NPT F 2V	1/4″ NPT Female	68 *(2.68)*	30 *(1.18)*	22 *(0.87)*	27 *(1.06)*			
10	3/8″	F	VVS 38 GAS F 2V	3/8″ BSP Female	76 *(2.99)*	40 *(1.57)*	30 *(1.18)*	36 *(1.42)*			
10	3/8″	F	VVS 38 NPT F 2V	3/8″ NPT Female	76 *(2.99)*	40 *(1.57)*	30 *(1.18)*	36 *(1.42)*			
12.5	1/2″	F	VVS 12 GAS F 2V	1/2″BSP Female	87 *(3.43)*	45 *(1.77)*	34 *(1.34)*	41 *(1.61)*			
12.5	1/2″	F	VVS 12 NPT F 2V	1/2″NPT Female	87 *(3.43)*	45 *(1.77)*	34 *(1.34)*	41 *(1.61)*			
20	3/4″	F	VVS 34 GAS F 2V	3/4″ BSP Female	106 *(4.17)*	55 *(2.17)*	41 *(1.61)*	50 *(1.97)*			
20	3/4″	F	VVS 34 NPT F 2V	3/4″ NPT Female	106 *(4.17)*	55 *(2.17)*	41 *(1.61)*	50 *(1.97)*			
25	1″	F	VVS 1 GAS F 2V	1″ BSP Female	124 *(4.88)*	60 *(2.36)*	50 *(1.97)*	55 *(2.16)*			
25	1″	F	VVS 1 NPT F 2V	1″ NPT Female	124 *(4.88)*	60 *(2.36)*	50 *(1.97)*	55 *(2.16)*			
32	1 1/4″	F	VVS114 GAS F 2V	1 1/4″ BSP Female	153 *(6.02)*	80 *(3.15)*	65 *(2.56)*	75 *(2.95)*			
32	1 1/4″	F	VVS114 NPT F 2V	1 1/4″ NPT Female	153 *(6.02)*	80 *(3.15)*	65 *(2.56)*	75 *(2.95)*			
40	1 1/2″	F	VVS112 GAS F 2V	1 1/2″ BSP Female	172 *(6.77)*	98 *(3.86)*	75 *(2.95)*	90 *(3.54)*			
40	1 1/2″	F	VVS112 NPT F 2V	1 1/2″ NPT Female	172 *(6.77)*	98 *(3.86)*	75 *(2.95)*	90 *(3.54)*			
50	2″	F	VVS 2 GAS F 2V	2″ BSP Female	207 *(8.15)*	129 *(5.08)*	100 *(3.94)*	125 *(4.92)*			
50	2″	F	VVS 2 NPT F 2V	2″ NPT Female	207 *(8.15)*	129 *(5.08)*	100 *(3.94)*	125 *(4.92)*			



Male – Maschio – Stecker – Male

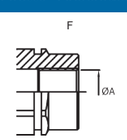
Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation		E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4″	F	VVS 14 GAS M 2V	1/4″ BSP Female	43 *(1.69)*	14.1 *(0.56)*	B+C –27 *(1.06)*			25 *(0.98)*		
6.3	1/4″	F	VVS 14 NPT M 2V	1/4″ NPT Female	43 *(1.69)*	14.1 *(0.56)*	B+C –27 *(1.06)*			25 *(0.98)*		
10	3/8″	F	VVS 38 GAS M 2V	3/8″ BSP Female	48 *(1.89)*	18.9 *(0.74)*	B+C –34 *(1.34)*			32 *(1.26)*		
10	3/8″	F	VVS 38 NPT M 2V	3/8″ NPT Female	48 *(1.89)*	18.9 *(0.74)*	B+C –34 *(1.34)*			32 *(1.26)*		
12.5	1/2″	F	VVS 12 GAS M 2V	1/2″BSP Female	53 *(2.09)*	20.5 *(0.81)*	B+C –38 *(1.50)*			34 *(1.34)*		
12.5	1/2″	F	VVS 12 NPT M 2V	1/2″NPT Female	53 *(2.09)*	20.5 *(0.81)*	B+C –38 *(1.50)*			34 *(1.34)*		
20	3/4″	F	VVS 34 GAS M 2V	3/4″ BSP Female	63 *(2.48)*	27.9 *(1.10)*	B+C –48 *(1.89)*			46 *(1.81)*		
20	3/4″	F	VVS 34 NPT M 2V	3/4″ NPT Female	63 *(2.48)*	27.9 *(1.10)*	B+C –48 *(1.89)*			46 *(1.81)*		
25	1″	F	VVS 1 GAS M 2V	1″ BSP Female	72 *(2.83)*	31.3 *(1.23)*	B+C –57 *(2.24)*			50 *(1.97)*		
25	1″	F	VVS 1 NPT M 2V	1″ NPT Female	72 *(2.83)*	31.3 *(1.23)*	B+C –57 *(2.24)*			50 *(1.97)*		
32	1 1/4″	F	VVS114 GAS M 2V	1 1/4″ BSP Female	86 *(3.39)*	43.9 *(1.73)*	B+C –72 *(2.83)*			65 *(2.56)*		
32	1 1/4″	F	VVS114 NPT M 2V	1 1/4″ NPT Female	86 *(3.39)*	43.9 *(1.73)*	B+C –72 *(2.83)*			65 *(2.56)*		
40	1 1/2″	F	VVS112 GAS M 2V	1 1/2″ BSP Female	95 *(3.74)*	53.4 *(2.10)*	B+C –79 *(3.11)*			80 *(3.15)*		
40	1 1/2″	F	VVS112 NPT M 2V	1 1/2″ NPT Female	95 *(3.74)*	53.4 *(2.10)*	B+C –79 *(3.11)*			80 *(3.15)*		
50	2″	F	VVS 2 GAS M 2V	2″ BSP Female	118 *(4.65)*	81.9 *(3.22)*	B+C –98 *(3.86)*			110 *(4.33)*		
50	2″	F	VVS 2 NPT M 2V	2″ NPT Female	118 *(4.65)*	81.9 *(3.22)*	B+C –98 *(3.86)*			110 *(4.33)*		

Stainless Steel
Inox
Edelstahl
Inoxydable
VVS

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		AISI 316	Aluminum	AISI 316	Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4″		TMV 14 S		TFV 14 S	N/A	
10	3/8″	TMV 38 SS	TMV 38 S	TFV 38 SS	TFV 38 S	N/A	
12.5	1/2″	TMV 12 SS	TMV 12 S	TFV 12 SS	TFV 12 S	N/A	
20	3/4″		TMV 34 S		TFV 34 S	N/A	
25	1″		TMV 1 S		TFV 1 S	N/A	
32	1 1/4″		TMV114 S		TFV114 S	N/A	
40	1 1/2″		TMV112 S		TFV112 S	N/A	
50	2″		TMV 2 S		TFV 2 S	N/A	

Thread Filetto Anschluss Filetage

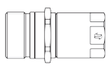
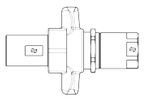


FB Brass Ottone Messing Laiton



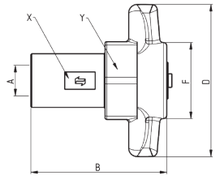
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
Disconnection by unscrewing the two parts	Disconnessione svitando maschio e femmina	Anschluss durch Abschrauben die beiden Teile	Déconnexion en dévissant les deux parties
Shut off by flat valve	Sistema di tenuta mediante valvola piana	Verschluss durch flachdichtendes Ventil	Clapet à Face Plate
Male and Female connectable under pressure	Maschio e Femmina innestabili in pressione	Muffe und Stecker unter Druck entkuppelbar	Mâle et Femelle connectable sous pression
Disconnection under pressure allowed	Disconnessione in pressione consentita	Entkuppeln unter Druck erlaubt	Déconnexion sous pression possible
Interchangeability US Market	Intercambiabilità mercato USA	Austauschbarkeit USA Markt	Interchangeabilité marché USA

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0.2 MPa pressure drop			
mm	inch.	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
20	3/4"	25 *(3625)*	62 *(16.5)*	100 *(14500)*	75 *(10900)*	82 *(11900)*
25	1"	23 *(3350)*	160 *(42)*	130 *(18850)*	70 *(10000)*	80 *(11600)*
32	1 1/4"	21 *(3000)*	220 *(58)*	78 *(11300)*	64 *(9300)*	68 *(9900)*
40	1 1/2"	20 *(2900)*	300 *(79)*	60 *(8700)*	60 *(8700)*	62 *(9000)*

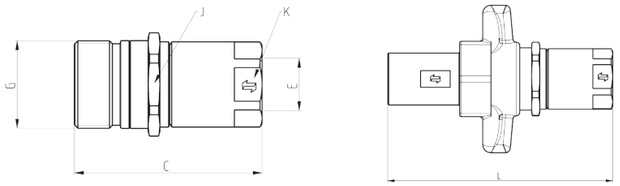
	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	Brass	Ottone	Messing	Laiton
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	-	-	-	-
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

Brass Ottone Messing Laiton **FB**



Female – Femmina – Muffe – Femelle

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	F	X	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.			mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
20	3/4"	F	FB 12/34 NPT F5	3/4" NPTF Female	80 *(3.19)*	90 *(3.54)*	45 *(1.77)*	30 *(1.18)*	46 *(1.81)*		
25	1"	F	FB 16/1 NPT F 5	1" NPTF Female	91 *(3.58)*	100 *(3.94)*	55 *(2.16)*	36 *(1.42)*	55 *(2.16)*		
32	1 1/4"	F	FB 20/114NPT F5	1 1/4" NPTF Female	95 *(3.74)*	127 *(5.00)*	63 *(2.48)*	45 *(1.77)*	65 *(2.56)*		
40	1 1/2"	F	FB 24/112NPT F5	1 1/2" NPTF Female	110 *(4.33)*	150 *(5.90)*	73 *(2.87)*	50 *(1.97)*	75 *(2.95)*		



Male – Maschio – Stecker – Male

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	G	L	J	K	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.			mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
20	3/4"	F	FB 12/34 NPT M5	3/4" NPTF Female	82 *(3.23)*	32 *(1.25)*	B+C –24 *(0.94)*	41 *(1.61)*	34 *(1.34)*		
25	1"	F	FB 16/1 NPT M 5	1" NPTF Female	89 *(3.50)*	*48 (1.89)*	B+C –31 *(1.22)*	48 *(1.90)*	40 *(1.57)*		
32	1 1/4"	F	FB 20/114NPT M5	1 1/4" NPTF Female	97 *(3.82)*	54 *(2.13)*	B+C –35 *(1.38)*	54 *(2.12)*	48 *(1.89)*		
40	1 1/2"	F	FB 24/112NPT M5	1 1/2" NPTF Female	110 *(4.33)*	63 *(2.48)*	B+C –42 *(1.65)*	65 *(2.56)*	55 *(2.16)*		

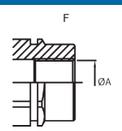
FB

Brass
Ottone
Messing
Laiton

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
20	3/4”			TMFB 12 S			TFFB 12 S	N/A	N/A
25	1”			TMFB 16 S			TFFB 16 S	N/A	N/A
32	1 1/4”			TMFB 20 S			TFFB 20 S	N/A	N/A
40	1 1/2”			TMFB 24 S			TFFB 24 S	N/A	N/A

Thread Filetto Anschluss Filetage



PVVM



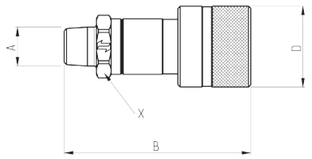
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
Disconnection by unscrewing the two parts	Disconnessione svitando maschio e femmina	Entkuppeln durch Abschrauben	Déconnexion en dévissant les deux parties
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluß durch Kegelventil	Système d’étanchéité à clapet standard
Connectable under residual pressure	Innestabile con pressione residua	Kuppelbar unter Restdruck	Connectable sous pression résiduelle
Disconnection under residual pressure	Disconnessione con pressione residua	Entkuppelbar unter Restdruck	Déconnexion avec une pression résiduelle
Interchangeability German Market	Intercambiabilità mercato Tedesco	Austauschbarkeit deutschen Markt	Interchangeabilité marché Allemand

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d’application

Size Base BG Taille		Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d’ éclatement		
			@ 0,2 MPa pressure drop			
mm	inch.	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4”	103 *(14935)*	15 *(3.96)*	350 *(50750)*	310 *(44950)*	330 *(47850)*
10	3/8”	100 *(14500)*	20 *(5.28)*	350 *(50750)*	310 *(47850)*	300 *(43500)*

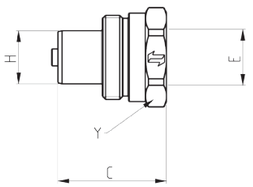
	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgeärtet in besonders banspruchter Stress zone	Acier à haute teneur en carbone avec traitement thermique des pièces d’usure
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

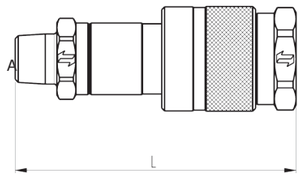
PVVM



Female – Femmina – Muffe – Femelle

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation		A	B	D	L	P	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.	
6.3	1/4”	F	PVVM 1/14 NPT F	1/4” NPTF Male	63 *(2.48)*	30 *(1.18)*			21 *(0.83)*			
10	3/8”	F	PVVM 1/38 NPT F	3/8” NPTF Male	84 *(3.31)*	36 *(1.42)*			25 *(0.98)*			





Male – Maschio – Stecker – Male

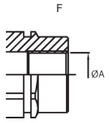
Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation		E	C	H	L	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4”	1/	PVVM 14 NPT M	1/4” NPTF Female	34 *(1.34)*	15,8 *(0.62)*	B+C-19 *(0.75)*		27 *(1.06)*		
10	3/8”	1/	PVVM 38 NPT M	3/8” NPTF Female	39 *(1.54)*	19 *(0.75)*	B+C-25 *(0.98)*		27 *(1.26)*		

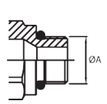
Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		Aluminum	Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4”	TFP 14	TMP 14	SK PVVM 14	1*
10	3/8”	TFP 38	TMP 38	SK PVVM 38	1*

*10 O’rings + 10 PTFE rings

Thread Filetto Anschluss Filetage	
F	1/





VU



Features	Caratteristiche	Merkmale	Caractéristiques
Connection by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
Disconnection by unscrewing the two parts	Disconnessione svitando maschio e femmina	Anschluss durch Abschrauben die beiden Teile	Déconnexion en dévissant les deux parties
Standard settings 35 KPa (5 PSI)	Taratura standard 35 KPa	Öffnungsdruck 35 KPa	Calibrage standard 35 KPa

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d’application



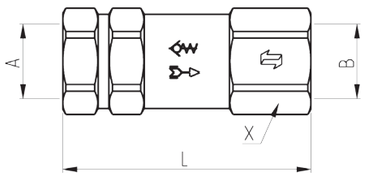




Size Base BG Taille		Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d’ éclatement
			@ 0.2 MPa pressure drop	
mm	inch.	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*
6.3	1/4”	50 *(7250)*	17 *(4.49)*	200 *(29000)*
10	3/8”	35 *(5075)*	68 *(17.97)*	140 *(20300)*
12.5	1/2”	35 *(5075)*	90 *(23.78)*	140 *(20300)*
20	3/4”	25 *(3625)*	140 *(36.99)*	100 *(14500)*
25	1”	25 *(3625)*	200 *(52.84)*	100 *(14500)*
31.5	1 1/4”	25 *(3625)*	300 *(79.26)*	100 *(14500)*
40	1 1/2”	20 *(2900)*	500 *(132.10)*	80 *(11600)*
50	2”	17 *(2500)*	700 *(184.94)*	70 *(10000)*

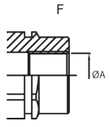
	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgeärtet in besonders bansprucher Stress zone	Acier à haute teneur en carbone avec traitement thermique des pièces d’usure
	NBR	NBR	NBR	NBR
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

VU



Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	L	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4”	F	VU14F 14F	1/4” BSP Female	1/4” BSP Female	50 *(1.97)*	19 *(0.75)*		
6.3	1/4”	F	VU14FN 14FN	1/4” NPT Female	1/4” NPTF Female	50 *(1.97)*	19 *(0.75)*		
10	3/8”	F	VU38F 38F	3/8” BSP Female	3/8” BSP Female	60 *(2.36)*	24 *(0.94)*		
10	3/8”	F	VU38FN 38FN	3/8” NPTF Female	3/8” NPTF Female	60 *(2.36)*	24 *(0.94)*		
12.5	1/2”	F	VU12F 12F	1/2” BSP Female	1/2” BSP Female	70 *(2.76)*	27 *(1.06)*		
12.5	1/2”	F	VU12FN 12FN	1/2” NPTF Female	1/2” NPTF Female	70 *(2.76)*	27 *(1.06)*		
20	3/4”	F	VU34F 34F	3/4” BSP Female	3/4” BSP Female	86 *(3.39)*	34 *(1.34)*		
20	3/4”	F	VU34FN 34FN	3/4” NPTF Female	3/4” NPTF Female	86 *(3.39)*	34 *(1.34)*		
25	1”	F	VU1F 1F	1” BSP Female	1” BSP Female	100 *(3.94)*	41 *(1.61)*		
25	1”	F	VU1FN 1FN	1” NPTF Female	1” NPTF Female	100 *(3.39)*	41 *(1.61)*		
31.5	1-1/4”	F	VU114F 114F	1-1/4” BSP Female	1-1/4” BSP Female	130 *(5.12)*	50 *(1.97)*		
31.5	1-1/4”	F	VU114FN 114FN	1-1/4” NPTF Female	1-1/4” NPTF Female	130 *(5.12)*	50 *(1.97)*		
40	1-1/2”	F	VU112F 112F	1-1/2” BSP Female	1-1/2” BSP Female	145 *(5.71)*	60 *(2.36)*		
40	1-1/2”	F	VU112FN 112FN	1-1/2” NPTF Female	1-1/2” NPTF Female	145 *(5.71)*	60 *(2.36)*		
50	2”	F	VU2F 2F	2” BSP Female	2” BSP Female	160 *(6.30)*	75 *(2.95)*		
50	2”	F	VU2FN 2FN	2” NPTF Female	2” NPTF Female	160 *(6.30)*	75 *(2.95)*		

Thread Filetto Anschluss Filetage



DF



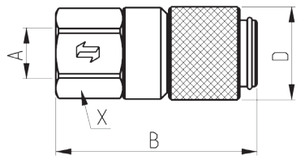
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pushing the male coupling	Connessione spingendo la parte maschio	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by flat face valve	Sistema di tenuta mediante valvola piana	Verschluss durch “ Flat Face “ Ventil	Clapet à Face Plate
Connection under pressure not allowed	Connessione con pressione residua non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
Disconnection under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 15171-1	Intercambiabilità secondo norme ISO 15171-1	Austauschbarkeit gemäß ISO 15171-1 Standard	Interchangeabilité selon ISO 15171-1
No spillage during Connection and Disconnection	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage wärend des Kuppel und Entkuppelvorgangs	Pas de fuites lors de la connexion et la déconnexion

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d’application

Size Base BG Taille		Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d’ éclatement		
			@ 0.2 MPa pressure drop			
mm	inch.	MPa *(PSI)*	l/min *(GPM)*	MPa (PSI)	MPa *(PSI)*	MPa *(PSI)*
6.3	1/4”	47 *(6815)*	2 *(0.53)*	150 *(21750)*	190 *(27550)*	180 *(26100)*

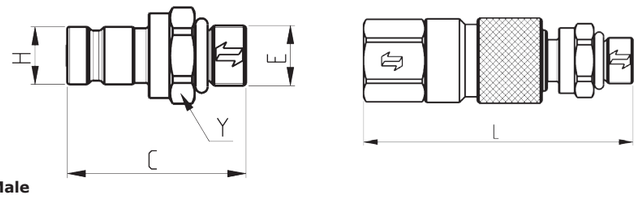
	Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgeärtet in besonders bansprucher Stress zone	Acier à haute teneur en carbone avec traitement thermique des pièces d’usure
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C a +125°C (-13°F a +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®	*M*ate500 ®
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

DF



Female – Femmina – Muffe – Femelle

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	(A)	(B)	(D)	(X)	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
6.3	1/4"	F	DF 04-18NPT F	1/8" NPTF Female	42 *(1.65)*	24 *(0.94)*	21 *(0.83)*		
6.3	1/4"	F	DF 04-14NPT F	1/4" NPT Female	50 *(1.97)*	24 *(0.94)*	21 *(0.83)*		
6.3	1/4"	F	DF 04-14SAE F	7/16" UNF Female	54 *(2.13)*	24 *(0.94)*	21 *(0.83)*		
6.3	1/4"	F	DF 04-38SAE F	9/16" UNF Female	54 *(2.13)*	24 *(0.94)*	21 *(0.83)*		
6.3	1/4"	F	DF04-0/1415 F	M14X1.5 Female 10L	52 *(2.03)*	24 *(0.94)*	21 *(0.83)*		
6.3	1/4"	1/	DF 04-1/14NPT F	1/4" NPTF Male	56 *(2.20)*	24 *(0.94)*	21 *(0.83)*		



Male – Maschio – Stecker – Male

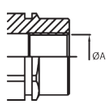
Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	(E)	(C)	(L)	(H)	(Y)	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g (lbs)	No.
6.3	1/4"	F	DF 04-18NPT M	1/8" NPTF Female	36 *(1.42)*	63 *(2.48)*	12.7 *(0.5)*	19 (0.75)		
6.3	1/4"	F	DF 04-14NPT M	1/4" NPT Female	40 *(1.57)*	75 *(2.95)*	12.7 *(0.5)*	19 (0.75)		
6.3	1/4"	F	DF 04-14SAE M	7/16" UNF Female	41 *(1.61)*	80 *(3.15)*	12.7 *(0.5)*	19 (0.75)		
6.3	1/4"	1/	DF04-1/18NPT M	1/8" NPTF Male	41 *(1.61)*	83 *(3.27)*	12.7 *(0.5)*	17 (0.67)		
6.3	1/4"	1/	DF04-1/14NPT M	1/4" NPTF Male	41 *(1.61)*	82 *(3.23)*	12.7 *(0.5)*	19 (0.75)		
6.3	1/4"	1/	DF04-1/1415 MB	M14X1.5 Male O-Ring	41 *(1.61)*	78 *(3.07)*	12.7 *(0.5)*	19 (0.75)		
6.3	1/4"	1/	DF04-1/14SAE M	7/16" UNF Male	40 *(1.59)*	79 *(3.11)*	12.7 *(0.5)*	17 (0.67)		
6.3	1/4"	1/	DF04-1/38SAE M	9/16" UNF Male	37 *(1.46)*	76 *(3.00)*	12.7 *(0.5)*	17 (0.67)		
6.3	1/4"	27/	DF04-27/14SAEM	9/16" UNF Male	41 *(1.61)*	80 *(3.15)*	12.7 *(0.5)*	17 (0.67)		
6.3	1/4"	28/	DF04-28/14SAEM	7/16" UNF Male	38 *(1.50)*	77 *(3.03)*	12.7 (0.5)	19 (0.75)		

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Protecteurs	
		PVC	
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur
6.3	1/4"	TFDF 04	●

Thread Filetto Anschluss Filetage

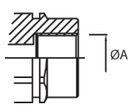
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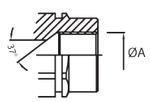
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28



FFH



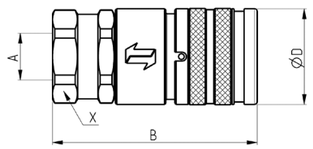
Features	**Caratteristiche**	**Merkmale**	**Caractéristiques**
Connection by pushing the male coupling	Connessione spingendo la parte maschio	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by flat face valve	Sistema di tenuta mediante valvola piana	Verschluss durch " Flat Face " Ventil	Clapet à Face Plate
Connection under pressure not allowed	Connessione con pressione residua non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
Disconnection under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 16028	Intercambiabilità secondo norme ISO 16028	Austauschbarkeit gemäß ISO 16028 Standard	Interchangeabilité selon ISO 16028
No spillage during Connection and Disconnection	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage wärend des Kuppel und Entkuppelvorgangs	Pas de fuites lors de la connexion et la déconnexion

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchflussmenge Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement			Force to Connect Forza di connessione Verbindung Kraft Force de Connexion
* Mate500 ® * no ISO 16028	@ 0,2 MPa pressure drop				
mm inch.	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*	N
*3,2 1/8"	12 (3,2)	170 *(24200)*	140 *(20000)*	180 *(25700)*	105
6.3 1/4"	25 *(6,6)*	170 *(24200)*	140 *(20000)*	180 *(25700)*	110
10 3/8"	50 *(13,2)*	170 *(24200)*	140 *(20000)*	170 *(24200)*	150
12.5 1/2"	110 *(29)*	140 *(20000)*	140 *(20000)*	170 *(24200)*	210
16 5/8"	125 *(33)*	140 *(20000)*	140 *(20000)*	140 *(20000)*	205
19 3/4"	160 *(42,4)*	140 *(20000)*	140 *(20000)*	140 *(20000)*	215
25 1"	230 *(60.7)*	140 *(20000)*	140 *(20000)*	170 *(24200)*	280

	Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgehärtet in besonders bansprüchter Stresszone	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
	Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
	-25°C to +100°C (-13°F to +212°F)	-25°C a +100°C (-13°F a +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C à +100°C (-13°F à +212°F)
	*M*ate1000	*M*ate1000	*M*ate1000	*M*ate1000
ISO	100.000 cycles at 133% of rated pressure disconnected 1.000.000 cycles at 133% of rated pressure connected. Tested according to ISO 7241-2 specifications	100.000 cicli al 133% della pressione d'esercizio a innesti diconnessi 1.000.000 di cicli al 133% della pressione d'esercizioa innesti connessi. Prove effettuate secondo norme ISO 7241-2	100.000 Zyklen bei 133% des angegebenen Betriebsdruckes ungekuppelt 1.000.000 Zyklen bei 133% des angegebenen Betriebsdruckes gekuppelt. Gemäß ISO 7241-2	100.000 cycles à 133% de la pression de service, déconnecté 1.000.000 de cycles à 133% de la pression de service, connecté. Testé selon les normes ISO 7241-2

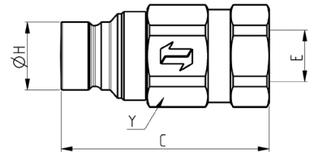
FFH

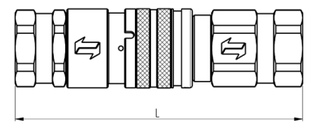


Female – Femmina – Muffe – Femelle :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
3.2	1/8″	F	FFH02 18GAS F	1/8″ BSP Female	46 *(1.81)*	20 *(0.79)*		18 *(0.71)*		
6.3	1/4″	F	FFH04 14GAS F	1/4″ BSP Female	59 *(2.32)*	27 *(1.06)*		24 *(0.94)*		
6.3	1/4″	F	FFH04 14NPT F	1/4″ NPTF Female	59 *(2.32)*	27 *(1.06)*		24 *(0.94)*		
10	3/8″	F	FFH06 38GAS F	3/8″ BSP Female	75 *(2.95)*	30 *(1.18)*		27 *(1.06)*		
10	3/8″	F	FFH06 12GAS F	1/2″ BSP Female	79 *(3.11)*	30 *(1.18)*		27 *(1.06)*		
10	3/8″	F	FFH06 38NPT F	3/8″ NPTF Female	75 *(2.95)*	30 *(1.18)*		27 *(1.06)*		
10	3/8″	F	FFH06 12NPT F	1/2″ NPTF Female	78 *(3.07)*	30 *(1.18)*		27 *(1.06)*		
10	3/8″	F	FFH06 12SAE F	3/4″ UNF Female ORB	79 *(3.11)*	30 *(1.18)*		27 *(1.06)*		
10	3/8″	2/	FFH06-2/1815 F	M18x1,5 Male 12L	75 *(2.95)*	30 *(1.18)*		27 *(1.06)*		
10	3/8″	2/	FFH06-2/2215 F	M22x1,5 Male 15L	87 *(3.43)*	30 *(1.18)*		27 *(1.06)*		
10	3/8″	7/	FFH06-7/1815 F	M18x1,5 Male Bulkhead Short 12L	101 *(3.98)*	30 *(1.18)*	26 *(1.02)*	27 *(1.06)*		
10	3/8″	7/	FFH06-7/2215 F	M22x1,5 Male Bulkhead Short 15L	98 *(3.86)*	30 *(1.18)*	26 *(1.02)*	27 *(1.06)*		
12.5	1/2″	F	FFH08 12GAS F	1/2″ BSP Female	81 *(3.19)*	38 *(1.50)*		34 *(1.34)*		
12.5	1/2″	F	FFH08 34GAS F	3/4″ BSP Female	85 *(3.35)*	38 *(1.50)*		34 *(1.34)*		
12.5	1/2″	F	FFH08 12NPT F	1/2″ NPTF Female	81 *(3.19)*	38 *(1.50)*		32 *(1.26)*		
12.5	1/2″	F	FFH08 34NPT F	3/4″ NPTF Female	81 *(3.19)*	38 *(1.50)*		34 *(1.34)*		
12.5	1/2″	F	FFH08 12SAE F	3/4″ UNF Female ORB	81 *(3.19)*	38 *(1.50)*		32 *(1.26)*		
12.5	1/2″	F	FFH08 58SAE F	7/8″ UNF Female ORB	81 *(3.19)*	38 *(1.50)*		34 *(1.34)*		
12.5	1/2″	F	FFH08 34SAE F	1-1/16″ UN Female ORB	87 *(3.43)*	38 *(1.50)*		34 *(1.34)*		
12.5	1/2″	12/	FFH08-12/58S F	1″ UNS Male Bulkhead ORFS	112 *(4.41)*	38 *(1.50)*	38 *(1.50)*	32 *(1.26)*		
12.5	1/2″	12/	FFH08-12/34S F	1-3/16″ UN Male Bulkhead ORFS	113 *(4.45)*	38 *(1.50)*	39 *(1.54)*	36 *(1.42)*		
12.5	1/2″	1	FFH08-14/58S F	7/8″ - 14 UNF 2A Male Bulkhead	111 *(4.37)*	38 *(1.50)*	42 *(1.65)*	34 *(1.34)*		
12.5	1/2″	14/	FFH08-14/34S F	1-1/16″ - 12 UN 2A Male Bulkhead	116 *(4.57)*	38 *(1.50)*	45 *(1.77)*	34 *(1.34)*		
16	5/8″	F	FFH10 34GAS F	3/4″ BSP Female	92 *(3.62)*	42 *(1.65)*		38 *(1.50)*		
16	5/8″	F	FFH10 34SAE F	1-1/16″ UN Female ORB	95 *(3.74)*	42 *(1.65)*		38 *(1.50)*		
19	3/4″	F	FFH12 34GAS F	3/4″ BSP Female	100 *(3.94)*	48 *(1.89)*		42 *(1.65)*		
19	3/4″	F	FFH12 1GAS F	1″ BSP Female	104 *(4.09)*	48 *(1.89)*		42 *(1.65)*		
19	3/4″	F	FFH12 34NPT F	3/4″ NPTF Female	100 *(3.94)*	48 *(1.89)*		42 *(1.65)*		
19	3/4″	F	FFH12 34SAE F	1-1/16″ UN Female ORB	104 *(4.09)*	48 *(1.89)*		42 *(1.65)*		
19	3/4″	F	FFH12 1SAE F	1-5/16″ UN Female ORB	104 *(4.09)*	48 *(1.89)*		42 *(1.65)*		
19	3/4″	12/	FFH12-12/34S F	1-3/16″ UN Male Bulkhead ORFS	133 *(5.24)*	48 *(1.89)*	41 *(1.61)*	42 *(1.65)*		
19	3/4″	14/	FFH12-14/34S F	1-1/16″ - 12 UN 2A Male Bulkhead	136 *(5.35)*	48 *(1.89)*	44 *(1.73)*	42 *(1.65)*		
25	1″	F	FFH16 1GAS F	1″ BSP Female	100 *(3.94)*	55 *(2.17)*		50 *(1.97)*		
25	1″	F	FFH16 1NPT F	1″ NPT Female	100 *(3.94)*	55 *(2.17)*		50 *(1.97)*		
25	1″	F	FFH16 1SAE F	1-5/16″ UN Female ORB	100 *(3.94)*	55 *(2.17)*		50 *(1.97)*		
25	1″	F	FFH16 114GAS F	1-1/4″ BSP Female	103 *(4.06)*	55 *(2.17)*		50 *(1.97)*		

FFH





Male – Maschio – Stecker – Male :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	
3.2	1/8″	F	FFH02 18GAS M	1/8″ BSP Female	44 *(1.73)*	11.6 *(0.46)*	80 *(3.15)*		16 *(0.63)*		
6.3	1/4″	F	FFH04 14GAS M	1/4″ BSP Female	49 *(1.93)*	16.1 *(0.63)*	97 *(3.82)*		24 *(0.94)*		
6.3	1/4″	F	FFH04 14NPT M	1/4″ NPTF Female	49 *(1.93)*	16.1 *(0.63)*	96 *(3.78)*		24 *(0.94)*		
10	3/8″	F	FFH06 38GAS M	3/8″ BSP Female	68 *(2.68)*	19.7 *(0.78)*	127 *(5.00)*		30 *(1.18)*		
10	3/8″	F	FFH06 12GAS M	1/2″ BSP Female	73 *(2.87)*	19.7 *(0.78)*	126 *(4.96)*		27 *(1.06)*		
10	3/8″	F	FFH06 38NPT M	3/8″ NPTF Female	68 *(2.68)*	19.7 *(0.78)*	122 *(4.80)*		27 *(1.06)*		
10	3/8″	F	FFH06 12NPT M	1/2″ NPTF Female	72 *(2.83)*	19.7 *(0.78)*	132 *(5.20)*		27 *(1.06)*		
10	3/8″	F	FFH06 12SAE M	3/4″ UNF Female ORB	72 *(2.83)*	19.7 *(0.78)*	126 (4.96)		27 *(1.06)*		
10	3/8″	2/	FFH06-2/1815 M	M18x1,5 Male 12L	72 *(2.83)*	19.7 *(0.78)*	120 *(4.72)*		27 *(1.06)*		
10	3/8″	2/	FFH06-2/2215 M	M22x1,5 Male 15L	73 *(2.87)*	19.7 *(0.78)*	122 *(4.80)*		27 *(1.06)*		
10	3/8″	7/	FFH06-7/1815 M	M18x1,5 Male Bulkhead Short 12L	87 *(3.43)*	19.7 *(0.78)*	153 *(6.02)*	26 *(1.02)*	27 *(1.06)*		
10	3/8″	7/	FFH06-7/2215 M	M22x1,5 Male Bulkhead Short 15L	89 *(3.50)*	19.7 *(0.78)*	157 *(6.18)*	26 *(1.02)*	27 *(1.06)*		
12.5	1/2″	F	FFH08 12GAS M	1/2″ BSP Female	75 *(2.95)*	24.5 *(0.96)*	142 *(5.19)*		34 *(1.34)*		
12.5	1/2″	F	FFH08 34GAS M	3/4″ BSP Female	78 *(3.07)*	24.5 *(0.96)*	151 *(5.94)*		34 *(1.34)*		
12.5	1/2″	F	FFH08 12NPT M	1/2″ NPTF Female	77 *(3.03)*	24.5 *(0.96)*	145 *(5.71)*		32 *(1.26)*		
12.5	1/2″	F	FFH08 34NPT M	3/4″ NPTF Female	77 *(3.03)*	24.5 *(0.96)*	148 *(5.83)*		34 *(1.34)*		
12.5	1/2″	F	FFH08 12SAE M	3/4″ UNF Female ORB	75 *(2.95)*	24.5 *(0.96)*	145 *(5.71)*		32 *(1.26)*		
12.5	1/2″	F	FFH08 58SAE M	7/8″ UNF Female ORB	76 *(2.99)*	24.5 *(0.96)*	152 *(5.98)*		34 *(1.34)*		
12.5	1/2″	F	FFH08 34SAE M	1-1/16″ UN Female ORB	81 *(3.19)*	24.5 *(0.96)*	154 *(6.06)*		34 *(1.34)*		
12.5	1/2″	12/	FFH08-12/58S M	1″ UNS Male Bulkhead ORFS	104 *(4.09)*	24.5 *(0.96)*	196 *(7.72)*	38 *(1.50)*	32 *(1.26)*		
12.5	1/2″	12/	FFH08-12/34S M	1-3/16″ UN Male Bulkhead ORFS	105 *(4.13)*	24.5 *(0.96)*	198 *(7.79)*	39 *(1.54)*	36 *(1.42)*		
12.5	1/2″	14/	FFH08-14/58S M	7/8″ UNF Male Bulkhead ORFS	104 *(4.09)*	24.5 *(0.96)*	201 *(7.90)*	40 *(1.57)*	34 *(1.34)*		
12.5	1/2″	14/	FFH08-14/34S M	1-1/16″ UN Male Bulkhead ORFS	108 *(4.25)*	24.5 *(0.96)*	209 *(8.23)*	44 *(1.73)*	34 *(1.34)*		
16	5/8″	F	FFH10 34GAS M	3/4″ BSP Female	91 *(3.58)*	27 *(1.06)*	169 *(6.65)*		38 *(1.50)*		
16	5/8″	F	FFH10 34SAE M	1-1/16″ UN Female ORB	94 *(3.70)*	27 *(1.06)*	169 *(6.65)*		38 *(1.50)*		
19	3/4″	F	FFH12 34GAS M	3/4″ BSP Female	102 *(4.01)*	29.9 *(1.18)*	180 *(7.09)*		42 *(1.65)*		
19	3/4″	F	FFH12 1GAS M	1″ BSP Female	102 *(4.01)*	29.9 *(1.18)*	181 *(7.13)*		42 *(1.65)*		
19	3/4″	F	FFH12 34NPT M	3/4″ NPTF Female	102 *(4.01)*	29.9 *(1.18)*	179 *(7.05)*		42 *(1.65)*		
19	3/4″	F	FFH12 34SAE M	1-1/16″ UN Female ORB	102 *(4.01)*	29.9 *(1.18)*	179 *(7.05)*		42 *(1.65)*		
19	3/4″	F	FFH12 1SAE M	1-5/16″ UN Female ORB	102 *(4.01)*	29.9 *(1.18)*	180 *(7.09)*		42 *(1.65)*		
19	3/4″	12/	FFH12-12/34S M	1-3/16″ UN Male Bulkhead ORFS	127 *(5.00)*	29.9 *(1.18)*	236 *(9.29)*	41 *(1.61)*	42 *(1.65)*		
19	3/4″	14/	FFH12-14/34S M	1-1/16″ UN Male Bulkhead ORFS	130 *(5.12)*	29.9 *(1.18)*	244 *(9.61)*	44 *(1.73)*	42 *(1.65)*		
25	1″	F	FFH16 1GAS M	1″ BSP Female	106 *(4.17)*	36 *(1.42)*	183 *(7.20)*		55 *(2.17)*		
25	1″	F	FFH16 1NPT M	1″ NPT Female	107 *(4.21)*	36 *(1.42)*	184 *(7.24)*		55 *(2.17)*		
25	1″	F	FFH16 1SAE M	1-5/16″ UN Female ORB	106 *(4.17)*	36 *(1.42)*	183 *(7.20)*		55 *(2.17)*		
25	1″	F	FFH16 114GAS M	1-1/4″ BSP Female	109 *(4.29)*	36 *(1.42)*	189 *(7.44)*		55 *(2.17)*		

FFH

Accessories - Accessori - Zubehör - Accessoires

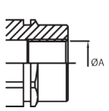
Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Packungaseinheit Colis
		PVC		Aluminum	PVC		Aluminum		
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
3,2	1/8"							SK FFH02	1*
6.3	1/4"	TM 2FI14	●	TM 2FI14 S	TF 2FI14	●	TF 2FI14 S	SK MF 14	1**
10	3/8"	TMF 38	●	TM 2FN38 S	TFF 38	●	TF 2FN38 S	SK FFH06	1**
12.5	1/2"	TM 2FI12	●	TM 2FI12 S	TF 2FI12	●	TF 2FI12 S	SK FFH08	1***
16	5/8"	TM 2FI58	●		TF 2FI58	●		SK FFH10	1***
19	3/4"	TM 2FI34	●	TM 2FI34 S	TF 2FI34	●	TF 2FI34 S	SK FFH12	1***
25	1"	TM 2FI1	●	TM 2FI1 S	TM 2FI1	●	TF 2FI1 S	SK FFH16	1***

* - 10 NBR & PTFE seals ** - 10 Polyurethane seals *** - 10 Polyurethane & PTFE seals

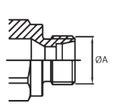
For pressures > 35 MPa (5075 PSI) use NPT thread
Usare filetto NPT per pressioni > 35 MPa (5075 PSI)
NPT Gewinde für > 35 MPa (5075 PSI) benutzen
Pour les pressions > 35 MPa (5075 PSI) utiliser le filetage NPT

Thread Filetto Anschluss Filetage

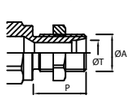
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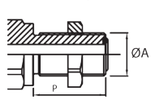
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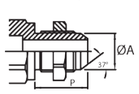
7/



12/



14/



3FFV



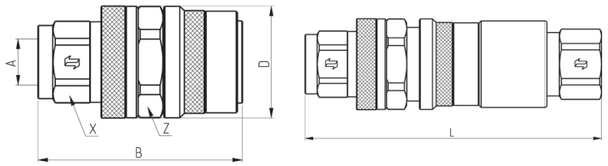
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by screwing together the two parts.	Connessione avvitando maschio e femmina.	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
Disconnection by pulling back the female safety sleeve	Disconnessione mediante arretramento ghiera di sicurezza della parte femmina.	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by flat valve	Sistema di tenuta mediante valvole a faccia piana	Verschluss durch " Flat Face " Ventil	Clapet à Face Plate
Connection under pressure not allowed	Innestabile con pressione residua	Anschließbare unter Restdruck	Connexion sous pression résiduelle
Disconnection under pressure not allowed	Disconnessione in pressione consentita	Entkuppeln unter Druck erlaubt	Déconnexion sous pression permis
Interchangeability according to Faster internal Standards	Intercambiabilità secondo Norma interna Faster	Austauschbarkeit zweiten internen Standard Faster	Interchangeabilité conformément à la norme interne Faster
No spillage during connection and Disconnection	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage wärend des Kuppel und Entkuppelvorgangs	Pas fuite lors de la connexion et la déconnexion

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille		Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
			@ 0.2 MPa pressure drop			
mm	inch.	MPa *(PSI)*	l/min *(GPM)*	MPa (PSI)	MPa *(PSI)*	MPa *(PSI)*
10	3/8"	30	45	140	110	134 *(19400)*
12.5	1/2"	30	72	100	100	105 *(15200)*

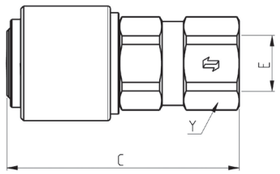
	Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
	High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgeärtet in besonders banspruchter Stress zone	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
	Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
	-25°C to + 100°C (-13°F to + 212°F)	-25°C a + 100°C (-13°F a + 212°F)	-25°C to + 100°C (-13°F to + 212°F)	-25°C à + 100°C (-13°F à + 212°F)
	FPQ	FPQ	FPQ	FPQ
ISO	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

3FFV



Female – Femmina – Muffe – Femelle :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Z	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
10	3/8″	F	3FFV38 GAS F	3/8″ BSP Female	73.8 *(2.90)*	40 *(1.57)*	27 *(1.06)*	36 *(1.42)*		
10	3/8″	F	3FFV38 NPT F	3/8″ NPT Female	75.4 *(2.97)*	40 *(1.57)*	27 *(1.06)*	36 *(1.42)*		
10	3/8″	F	3FFV38-38 SAE F	9/16″ UNF Female	73.8 *(2.90)*	40 *(1.57)*	27 *(1.06)*	36 *(1.42)*		
12.5	1/2″	F	3FFV12 GAS F	1/2″ BSP Female	81.8 *(3.22)*	45 *(1.77)*	30 *(1.18)*	41 *(1.61)*		
12.5	1/2″	F	3FFV12 NPT F	1/2 NPT Female	81.8 *(3.22)*	45 *(1.77)*	30 *(1.18)*	41 *(1.61)*		
12.5	1/2″	F	3FFV12-12 SAE F	3/4″ UNF Female	82.5 *(3.25)*	45 *(1.77)*	30 *(1.18)*	41 *(1.61)*		

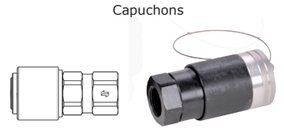
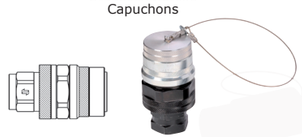
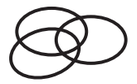


Male – Maschio – Stecker – Male :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	Z	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm (in)	mm (in)	mm (in)	mm (in)	g *(lbs)*	No.
10	3/8″	F	3FFV38 GAS M	3/8″ BSP Female	77.3 (3.04)	133.6 (5.26)		27 (1.06)		
10	3/8″	F	3FFV38 NPT M	3/8″ NPT Female	77.3 (3.04)	135.2 (5.32)		27 (1.06)		
10	3/8″	F	3FFV38-38 SAE M	9/16″ UNF Female	77.3 (3.04)	133.6 (5.26)		27 (1.06)		
12.5	1/2″	F	3FFV12 GAS M	1/2″ BSP Female	87.5 (3.44)	150.3 (5.92)		32 (1.26)		
12.5	1/2″	F	3FFV12 NPT M	1/2 NPT Female	87.5 (3.44)	150.3 (5.92)		32 (1.26)		
12.5	1/2″	F	3FFV12-12 SAE F	3/4″ UNF Female	87.5 (3.44)	150.3 (5.92)		32 (1.26)		

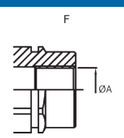
3FFV

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Packungaseinheit Colis
							
		Aluminum		Aluminum			
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation		Part Number Codice Articolo Artikelnummer Désignation			
10	3/8″	TF 3FV38 S		TM 3FV38 S		SK MF 38	1**
12.5	1/2″	TF 3FV12 S		TM 3FV12 S		SK MF 12	1**

** - 10 Polyurethane seals

Thread Filetto Anschluss Filetage

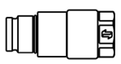
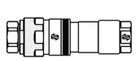
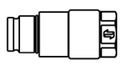
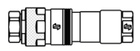


FHV



Features	Caratteristiche	Merkmale	Caractéristiques
Connection by screwing together the two parts.	Connessione avvitando maschio e femmina.	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
Disconnection by pulling back the female safety sleeve and unscrew.	Disconnessione mediante arretramento ghiera di sicurezza della parte femmina e svitare.	Entkuppeln durch zurückschieben der Sicherheitsschiebehülse	Déconnexion en tirant la bague de securité femelle et dévisser
Shut off by flat valve	Sistema di tenuta mediante valvole a faccia piana	Schließen durch flache Ventile	Clapet à Face Plate
Connectable with male part under residual pressure (35MPa-5075PSI) without using tools	Maschi innnestabili con pressione residua (35MPa-5075PSI) , senza l'ausilio di chiavi / utensili.	Unter Restdruch kuppelbar (35MPa-5075PSI) ohne Verwendung von Werkzeugen	Connexion possible avec une pression résiduelle dans la partie Mâle (35MPa-5075PSI), sans utiliser d'outils
Disconnection under pressure allowed	Disconnessione in pressione consentita	Entkuppeln unter Druck erlaubt	Déconnexion sous pression possible
Interchangeability according to Faster internal Standards	Intercambiabilità secondo Norma interna Faster	Austauschbarkeit Faster internen Standard	Interchangeabilité conformément à la norme interne Faster
No spillage during Connexion and Disconnection	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage wärend des Kuppel und Entkuppelvorgangs	Pas fuite lors de la connexion et la déconnexion
Female part equipped with axial rotation adapters.	Parte femmina equipaggiata con adattatori liberi in rotazione assiale.	Muffe mit axialem Drehapter ausgestattet	La partie femelle possède des adapteurs libres en rotation axiale
Mating threads heat treated and made to Rd profile.	Filetti di connessione a profilo Rd trattati termicamente	Verbindugsgewinde als Rundgewinde	Filetage de connexion avec un profile RD traité thermiquement
High volume flow and reduced pressure drop is ensured by specially designed copmponents.	Elevata protata grazie ai profili interni speciali per ridurre perdite di carico.	Hoher Durchfluß, gewährleistet bei niedrigem Druchverluste durch Spezialtechnik	Haut débit grâce aux profils internes spécifiques qui réduisent les pertes de charge

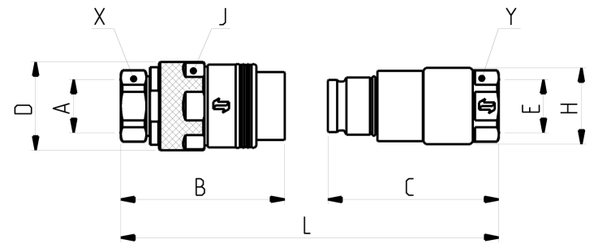
Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Max Working pressure Max pressione di esercizio Betriebsdruck Pression de service			Flow Rate Portata Durchflussmenge Débit	Min Burst Pressures Min Pressione di scoppio Berstdruck Pression d' éclatement		
				@ 0,2 MPa pressure drop			
mm	inch.	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
06	3/8"	*35 (5075)*	46 *(6650)*	46 *(6650)*	*32 (9)*	*140 (20300)*	*140 (20300)*	*160 (23200)*
08	1/2"	*46 (6650)*	46 *(6650)*	*53 (7690)*	*70 (19)*	*160 (23200)*	*160 (23200)*	*160 (23200)*
20	3/4"	35 *(5075)*	46 *(6650)*	46 *(6650)*	120 *(32)*	140 *(20300)*	140 *(20300)*	160 *(23200)*
25	1"	46 *(6650)*	35 *(5075)*	46 *(6650)*	200 *(53)*	140 *(20300)*	140 *(20300)*	160 *(23200)*
40	1-1/2"	35 *(5075)*	35 *(5075)*	40 *(5800)*	420 *(111)*	160 *(23200)*	140 *(20300)*	160 *(23200)*
50	2"	30 *(4350)*	30 *(4350)*	35 *(5075)*	750 *(198)*	80 *(11600)*	100 *(14500)*	120 *(17400)*

	Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
	FEMALE: high grade steel carbonitrited wearing parts MALE: high grade carbon steel induction hardened	FEMMINA: in acciaio con parti sollecitate carbonitrurate MASCHIO:in acciaio al carbonio temprato ad induzione	MUFFE: Hochwehrtiger Karbonnitritstahl in besonders beanspruchten Zonen STECKER: Hochwehrtiger Karbonstahl induktionsgehärtet	FEMELLE: Acier avec zones d'usure carbonitrurées MALE: acier à haute teneur trempés par induction
	Polyurethane and NBR Backup ring in PTFE	Polyuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
	-25°C to +100°C (-13°F to +212°F)	-25°C a +100°C (-13°F a +212°F)	-25°C bis +100°C (-13°F bis +212°F)	-25°C à +100°C (-13°F à +212°F)
	*M*ate1000	*M*ate1000	*M*ate1000	*M*ate1000
ISO	100.000 cycles at max rated working pressure disconnected 1.000.000 cycles at max. rated working pressure connected	100.000 cicli alla massima pressione d'esercizio ad innesti diconnessi 1.000.000 di cicli alla massima pressione d'esercizio ad innesti connessi	100.000 Impulse mit maximalem Arbeitsdruck entkuppelt 1.000.000 Impulse mit maximalem Arbeitsdruck gekuppelt	100.000 cycles à la pression de service maximal, déconnecté 1.000.000 de cycles à la pression de service maximal connecté

ISO A - ISO B - Standard
Agriculture Agricoltura Ausfurung Agritechnik Agriculture
Screw Together Innesti a Vite Schraubkupplungen A Visser
Check Valves Valvole Unidirezionali Rückschlaventile Clapet Anti-retour
Diagnostic Diagnostici Diagnostik Kupplung Diagnostic
Flat Face Innesti Faccia Piana Flachdichtend Clapet à Face Plat
Multifaster Multiconnessioni Multikupplungen Multifaster

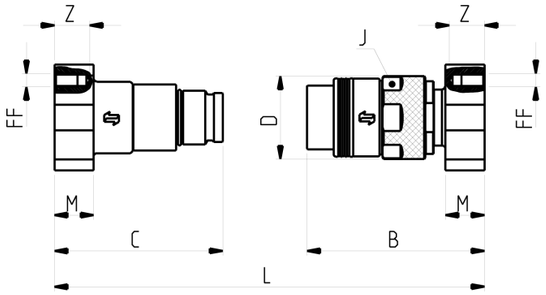
FHV



Thread Adapter - Adattatore Filettato - Gewindeadapter - Raccordement Fileté

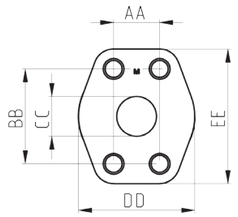
Size Base BG Taille		Part Number Codice Articolo Artikelnummer Désignation Female Femmina Muffe Femelle	Part Number Codice Articolo Artikelnummer Désignation Male Maschio Stecker Male	Thread Filetto Anschluss Filetage A	Thread Filetto Anschluss Filetage E	B	C	L	D	H	X / Y	J	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
10	3/8"	FHV06 38GAS F	FHV06 38GAS M	3/8" BSP Female	3/8" BSP Female	*102*	97	*167.5*	*48*	*33*	*34/30*	45		
12.5	1/2"	FHV08 12GAS F	FHV08 12GAS M	1/2" BSP Female	1/2" BSP Female	*110*	109.5	*186*	*55*	*44.5*	*41/36*	52		
20	3/4"	FHV12 34GAS F	FHV12 34GAS M	3/4" BSP Female	3/4" BSP Female	*129.5*	122.5	*214*	*64*	*54.5*	*46/46*	60		
20	3/4"	FHV12 34SAE F	FHV12 34SAE M	1 1/16" UN Female	1 1/16" UN Female	*129.5*	*122.5*	*214*	*64*	*54.5*	*46/46*	60		
25	1"	FHV16 1GAS F	FHV16 1GAS M	1" BSP Female	1" BSP Female	*138*	*144*	*240*	*74*	*64*	*55/55*	70		
25	1"	FHV16 114GAS F	FHV16 114GAS M	1-1/4" BSP Female	1-1/4" BSP Female	*138*	*144*	*240*	*74*	*64*	*55/55*	70		
25	1"	FHV16 114NPT F	FHV16 114NPT M	1-1/4" NPTF Female	1-1/4" NPTF Female	*138*	*144*	*240*	*74*	*64*	*55/55*	70		
25	1"	FHV16 1SAE F	FHV16 1SAE M	1-5/16" UN Female ORB	1-5/16" UN Female ORB	*138*	*144*	*240*	*74*	*64*	*55/55*	70		
40	1-1/2"	FHV24 112GAS F	FHV24 112GAS M	1-1/2" BSP Female	1-1/2" BSP Female	*171*	*187*	*308.5*	*100*	*84.5*	*65/75*	95		
40	1-1/2"	FHV24 112NPT F	FHV24 112NPT M	1-1/2" NPTF Female	1-1/2" NPTF Female	*171*	*187*	*308.5*	*100*	84.5	*65/75*	95		
50	2"	FHV32 2NPT F	FHV32 2NPT M	2" NPTF Female	2" NPTF Female	*200*	*237*	*375.5*	*130*	*115*	*85/85*	120		

FHV

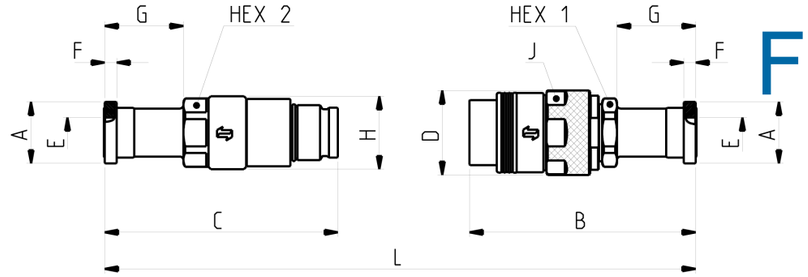


Flange Adapter - Adattatore con Flangia - Flanschadapter - Reccordement Bride (ISO 6162-2)

Size Base BG Taille		Part Number Codice Articolo Artikelnummer Désignation Female Femmina Muffe Femelle	Male Maschio Stecker Male	B	C	L	D	H	M	Z	FF	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.			mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	Metric	g *(lbs)*	No.
25	1”	FHV16-44/16 F	FHV16-44/16 M	158 *(6.22)*	151 *(5.94)*	267 *(10.51)*	70 *(2.76)*	64 *(2.52)*	35 *(1.38)*	23.5 *(0.93)*	4*M12x1.75		
25	1”	FHV16-44/20 F	FHV16-44/20 M	158 *(6.22)*	151 *(5.94)*	267 *(10.51)*	70 *(2.76)*	64 *(2.52)*	35 *(1.38)*	20.5 *(0.81)*	4*M12x1.75		
40	1-1/2”	FHV24-44/24 F	FHV24-44/24 M	192 *(7.56)*	197 *(7.76)*	340 *(13.39)*	95 *(3.74)*	83 *(3.27)*	46 *(1.81)*	27.5 *(1.08)*	4*M16x2		
50	2”	FHV32-44/32 F	FHV32-44/32 M	230 *(9.06)*	253 *(9.96)*	427 *(16.81)*	122 *(4.80)*	115 *(4.53)*	50 *(1.97)*	35 *(1.38)*	4*M20x2.5		



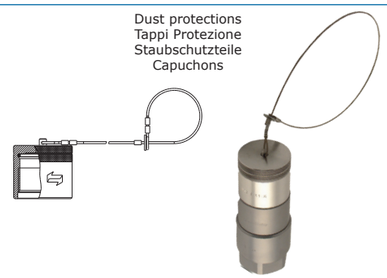
Size Base BG Taille		Part Number Codice Articolo Artikelnummer Désignation Female Femmina Muffe Femelle	Male Maschio Stecker Male	BB	AA	CC	EE	DD
mm	inch.			mm (in)	mm (in)	mm (in)	mm (in)	mm (in)
25	1”	FHV16-44/16 F	FHV16-44/16 M	57.2 *(2.25)*	27.8 *(1.09)*	25 *(0.98)*	81 *(3.19)*	70 *(2.76)*
25	1”	FHV16-44/20 F	FHV16-44/20 M	66.6 *(2.62)*	31.8 *(1.25)*	32 *(1.26)*	95.2 *(3.75)*	78 *(3.07)*
40	1-1/2”	FHV24-44/24 F	FHV24-44/24 M	79.3 *(3.12)*	36.5 *(1.44)*	38 *(1.50)*	112.8 *(4.44)*	95 *(3.74)*
50	2”	FHV32-44/32 F	FHV32-44/32 M	96.8 *(3.81)*	44.5 *(1.75)*	51 *(2.00)*	132.8 *(5.23)*	114 *(4.49)*



Flange Head Adapter - Codolo per Flangia - Flanschtelleradapter - Fixation raccordement Bride (ISO 6162-2)

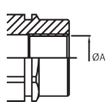
Size Base BG Taille		Part Number Codice Articolo Artikelnummer Désignation Female Femmina Muffe Femelle	Male Maschio Stecker Male	A	B	C	L	D	H	E	F	G	HEX 1	HEX 2	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.			mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g *(lbs)*	No.
25	1”	FHV16-76/16 F	FHV16-76/16 M	47.6 *(1.87)*	191 *(7.52)*	198 *(7.80)*	347 *(13.66)*	70 *(2.76)*	64 (2.52)	25 *(0.98)*	9.5 *(0.37)*	62 *(2.44)*	55 *(2.17)*	55 *(2.17)*		
25	1”	FHV16-76/20 F	FHV16-76/20 M	54 *(2.13)*	198 *(7.80)*	205 *(8.07)*	361 *(14.21)*	70 *(2.76)*	64 (2.52)	32 *(1.26)*	10.3 *(0.41)*	69 *(2.72)*	55 *(2.17)*	55 *(2.17)*		
40	1-1/2”	FHV24-76/24 F	FHV24-76/24 M	63.5 *(2.50)*	236 *(9.29)*	247 (9.72)	434 *(17.09)*	95 *(3.74)*	83 (3.27)	38 *(1.50)*	12.6 *(0.50)*	79 *(3.11)*	65 *(2.56)*	75 *(2.95)*		
50	2”	FHV32-76/32 F	FHV32-76/32 M	79.4 *(3.13)*	288 *(11.34)*	332 *(13.07)*	558 *(21.97)*	122 *(4.80)*	115 (4.53)	51 *(2.00)*	12.6 *(0.50)*	95 *(3.74)*	85 *(3.35)*	85 *(3.35)*		

Accessories - Accessori - Zubehör - Accessoires

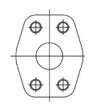
Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons	Dust protections Tappi Protezione Staubschutzteile Capuchons
		
	Aluminum	Aluminum
mm / inch.	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation
20 / 3/4”		
25 / 1”	TF FHV16 S	TM FHV16 S
40 / 1-1/2”	TF FHV24 S	TM FHV24 S
50 / 2”	TF FHV32 S	TM FHV32 S

Thread Filetto Anschluss Filetage

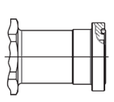
F



44/



76/

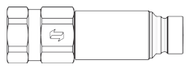
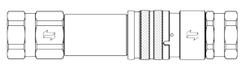


3FFH



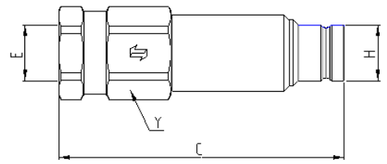
Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pushing the male coupling	Connessione spingendo la parte maschio	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by flat face valve	Sistema di tenuta mediante valvola piana	Verschluss durch " Flat Face " Ventil	Clapet à Face Plate
Connectable under residual pressure (35MPa-5075PSI) allowed	Innnestabile con pressione residua (35MPa-5075PSI) consentita	Unter Restdruch kuppelbar (35MPa-5075PSI) erlaubt	Connexion sous pression (35MPa-5075PSI) permis
Disconnection under pressure not allowed	Disconnessione con pressione residua non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 16028	Intercambiabilità secondo norma ISO 16028	Austauschbarkeit gemäß ISO 16028 Standard	Interchangeabilité selon ISO 16028
No spillage during Connection and Disconnection	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage wärend des Kuppel und Entkuppelvorgangs	Pas de fuites lors de la connexion et la déconnexion

Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application

Size Base BG Taille	Max Working pressure Max pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchflussmenge Débit	Min Burst Pressures Min Pressione di scoppio Berstdruck Pression d' éclatement	
		@ 0,2 MPa pressure drop		
mm	inch.	MPa *(PSI)*	l/min *(GPM)*	MPa *(PSI)*	MPa *(PSI)*
10	3/8"	35 *(5075)*	35 *(9.24)*	140 *(20300)*	140 *(20300)*
12.5	1/2"	35 *(5075)*	65 *(17.17)*	140 *(20300)*	140 *(20300)*
19	3/4"	35 *(5075)*	115 *(30.38)*	140 *(20300)*	140 *(20300)*

	Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
	High grade carbon steel with hardened specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate temprate	High Quality Karbonstahl Induktionsgehärtet in besonders banspruchter Stresszone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
	Polyurethane and NBR Backup ring in PTFE	Polyuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
	-25°C to +100°C (-13°F to +212°F)	-25°C a +100°C (-13°F a +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C à +100°C (-13°F à +212°F)
	*M*ate1000	*M*ate1000	*M*ate1000	*M*ate1000
	100.000 cycles at 133% of rated pressure disconnected 1.000.000 cycles at 133% of rated pressure connected	100.000 cicli al 133% della pressione d'esercizio a innesti diconnessi 1.000.000 di cicli al 133% della pressione d'esercizio a innesti connessi	100.000 Zyklen bei 133% des angegebenen Betriebsdruckes ungekuppelt 1.000.000 Zyklen bei 133% des angegebenen Betriebsdruckes - gekuppelt	100.000 cycles à 133% de la pression de service, déconnecté 1.000.000 de cycles à 133% de la pression de service, connecté

3FFH



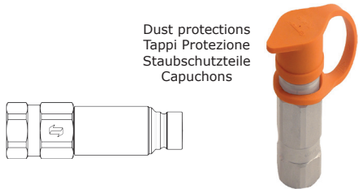
Male – Maschio – Stecker – Male :

Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.				mm *(in)*	mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
10	3/8"	F	3FFH06 38GAS M	3/8" BSP Female	97 *(3.82)*	19.7 *(0.78)*		30 *(1.18)*		
10	3/8"	F	3FFH06 38NPT M	3/8" NPTF Female	97 *(3.82)*	19.7 *(0.78)*		30 *(1.18)*		
12.5	1/2"	F	3FFH08 12GAS M	1/2" BSP Female	116 *(4.57)*	24.5 *(0.96)*		34 *(1.34)*		
12.5	1/2"	F	3FFH08 12NPT M	1/2" NPTF Female	118 *(4.65)*	24.5 *(0.96)*		34 *(1.34)*		
12.5	1/2"	F	3FFH08 12SAE M	3/4" UNF Female	116 *(4.57)*	24.5 *(0.96)*		34 *(1.34)*		
12.5	1/2"	F	3FFH08 34SAE M	1-1/16" UN Female	122 *(4.80)*	24.5 *(0.96)*		34 *(1.34)*		
12.5	1/2"	12/	3FFH08-12/58S M	1" UNS Male Bulkhead ORFS	145 *(5.71)*	24.5 *(0.96)*	41 *(1.61)*	34 *(1.34)*		
12.5	1/2"	12/	3FFH08-12/34S M	1-3/16" UN Male Bulkhead ORFS	146 *(5.75)*	24.5 *(0.96)*	42 *(1.65)*	34 *(1.34)*		
12.5	1/2"	14/	3FFH08-14/12S M	3/4" - 16 UNF Male Bulkhead	141 *(5.55)*	24.5 *(0.96)*	37 *(1.46)*	34 *(1.34)*		
12.5	1/2"	14/	3FFH08-14/58S M	7/8" - 14 UNF Male Bulkhead	144 *(5.67)*	24.5 *(0.96)*	40 *(1.57)*	34 *(1.34)*		
12.5	1/2"	14/	3FFH08-14/34S M	1-1/16"-12 UN 2A Male Bulkhead	149 *(5.87)*	24.5 *(0.96)*	44 *(1.73)*	34 *(1.34)*		
19	3/4"	F	3FFH12 34GAS M	3/4" BSP Female	128 *(5.04)*	29.9 *(1.18)*	.	42 *(1.65)*		

3FFH

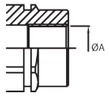
Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons
		PVC
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation
10	3/8"	TF 38 ●
12.5	1/2"	TF 2FI 12 ●
19	3/4"	TF 2FI 34 ●

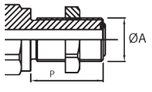


Thread Filetto Anschluss Filetage

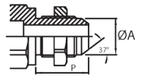
F



12



14



4BD4FH



Features	Caratteristiche	Merkmale	Caractéristiques
Connection by pushing the male coupling	Connessione spingendo la parte maschio	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
Disconnection by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en en tirant la bague femelle
Shut off by flat valve	Sistema di tenuta mediante valvola piana	Verschluss durch flachdichtendes Ventil	Clapet à Face Plate
Connection under pressure using 3FFH Series	Connessione in pressione usando la Serie 3FFH	Kuppeln unter Druck mit 3FFH Steckern	Connexion sous pression avec la série 3FFH
Disconnection under pressure in 2 steps	Disconnessione in pressione in due fasi	Entkuppeln unter Druck in 2 Schritten	Déconnexion sous pression en deux étapes
Interchangeability according to ISO 16028	Intercambiabilità secondo norme ISO 16028	Austauschbarkeit gemäß ISO 16028 Standard	Interchangeabilité selon ISO 16028
No spillage during Connection and Disconnection	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage wärend des Kuppel und Entkuppelvorgangs	Pas de fuites lors de la connexion et la déconnexion
Same fixing points as 4BD4FI block	Punti di fissaggio come blocco 4BD4FI	Identische Befestigungsbohrungen wie Block 4BD4FI	Points de fixation identique bloc 4BD4FI

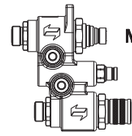
Fields of application
Settori di applicazione
Anwendungsbereiche
Domaines d'application





Size Base BG Taille	Max working pressure Max pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchflussmenge Débit	Min burst pressures Min pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop	MALE	FEMALE	
mm	inch	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*	MPa *(PSI)*
12.5	1/2"	35 *(5075)*	100 *(26.4)*	125 *(18125)*	125 *(18125)*	125 *(18125)*
20	3/4"	35 *(5075)*	145 *(38.3)*	125 *(18125)*	125 *(18125)*	125 *(18125)*



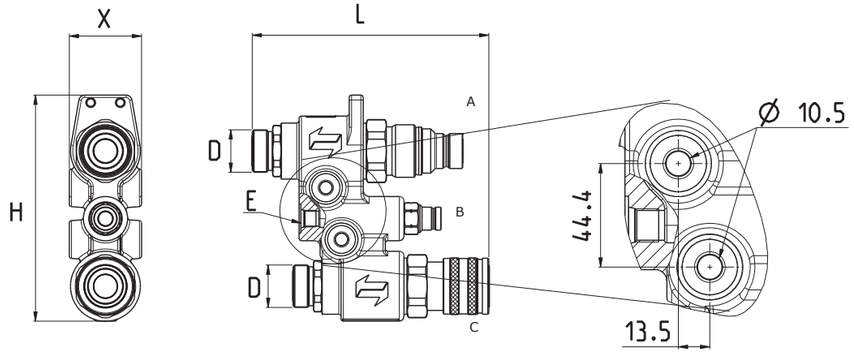


MALE

FEMALE

	Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
	FEMALE: high grade steel carbonitrited wearing parts. MALE: high grade carbon steel induction hardened.	FEMMINA: in acciaio con parti sollecitate carbonitrurate. MASCHIO:in acciaio al carbonio temprato ad induzione	MUFFE: Hochwehrtiger Karbonnitritstahl in besonders beanspruchten Zonen. STECKER: Hochwehrtiger Karbonstahl induktionsgehärtet	FEMELLE: Acier avec les zones d'usure. MALE: acier à haute teneur trempés par induction
	Polyurethane and NBR Backup ring in PTFE	Polyuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
	-25°C to +100°C (-13°F to +212°F)	-25°C a +100°C (-13°F a +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C à +100°C (-13°F à +212°F)
	*M*ate500 ® *M*ate1000	*M*ate500 ® *M*ate1000	*M*ate500 ® *M*ate1000	*M*ate500 ® *M*ate1000
	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

4BD4FH



Configuration - Configurazione - Konfiguration - Configuration

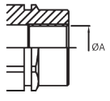
Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	D	E	L	H	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch					mm *(in)*	mm *(in)*	mm *(in)*	g *(lbs)*	No.
12.5	1/2”	F	4BD4FH08-11/12S		9/16” - 18 UNF 2B Female	179 *(7.05)*	194 *(7.64)*	62 *(2.44)*		
12.5	1/2”	F	4BD4FH08-11/34S		9/16” - 18 UNF 2B Female	202 *(7.95)*	194 *(7.64)*	62 *(2.44)*		
12.5	1/2”	F	4BD4FH08-13/34S		9/16” - 18 UNF 2B Female	188 *(7.40)*	194 *(7.64)*	62 *(2.44)*		
12.5	1/2”	11/	4BD4FH08-11/12S	13/16”-16 UN 2A Male	-	179 *(7.05)*	194 *(7.64)*	62 *(2.44)*		
12.5	1/2”	11/	4BD4FH08-11/34S	1-3/16”-12 UN 2A Male	-	202 *(7.95)*	194 *(7.64)*	62 *(2.44)*		
12.5	1/2”	13/	4BD4FH08-13/34S	1-1/16”-12 UN 2A Male	-	188 *(7.40)*	194 *(7.64)*	62 *(2.44)*		
20	3/4”	F	4BD4FH12-11/12S		9/16” - 18 UNF 2B Female	199 *(7.83)*	194 *(7.64)*	62 *(2.44)*		
20	3/4”	F	4BD4FH12-11/34S		9/16” - 18 UNF 2B Female	203 *(7.99)*	194 *(7.64)*	62 *(2.44)*		
20	3/4”	F	4BD4FH12-13/34S		9/16” - 18 UNF 2B Female	189 *(7.44)*	194 *(7.64)*	62 *(2.44)*		
20	3/4”	11/	4BD4FH12-11/12S	13/16”-16 UN 2A Male		199 *(7.83)*	194 *(7.64)*	62 *(2.44)*		
20	3/4”	11/	4BD4FH12-11/34S	1-3/16”-12 UN 2A Male		203 *(7.99)*	194 *(7.64)*	62 *(2.44)*		
20	3/4”	13/	4BD4FH12-13/34S	1-1/16”-12 UN 2A Male		189 *(7.44)*	194 *(7.64)*	62 *(2.44)*		

Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Part Number Codice Articolo Artikelnummer Désignation				
mm	inch	A	B	C	D	
10	3/8”		KIT 4BD-FFH06M			
12.5	1/2”	KIT 4FH08 M		KIT 4FH08 F	KIT 4BD-13/58S	KIT 4FH08 OR
12.5	1/2”	KIT 4FH08 M		KIT 4FH08 F	KIT 4BD-13/34S	KIT 4FH08 OR
20	3/4”	KIT 4FH12 M		KIT 4FH12 F	KIT 4BD-13/58S	KIT 4FH12 OR
20	3/4”	KIT 4FH12 M		KIT 4FH12 F	KIT 4BD-13/34S	KIT 4FH12 OR

Thread Filetto Anschluss Filetage

F



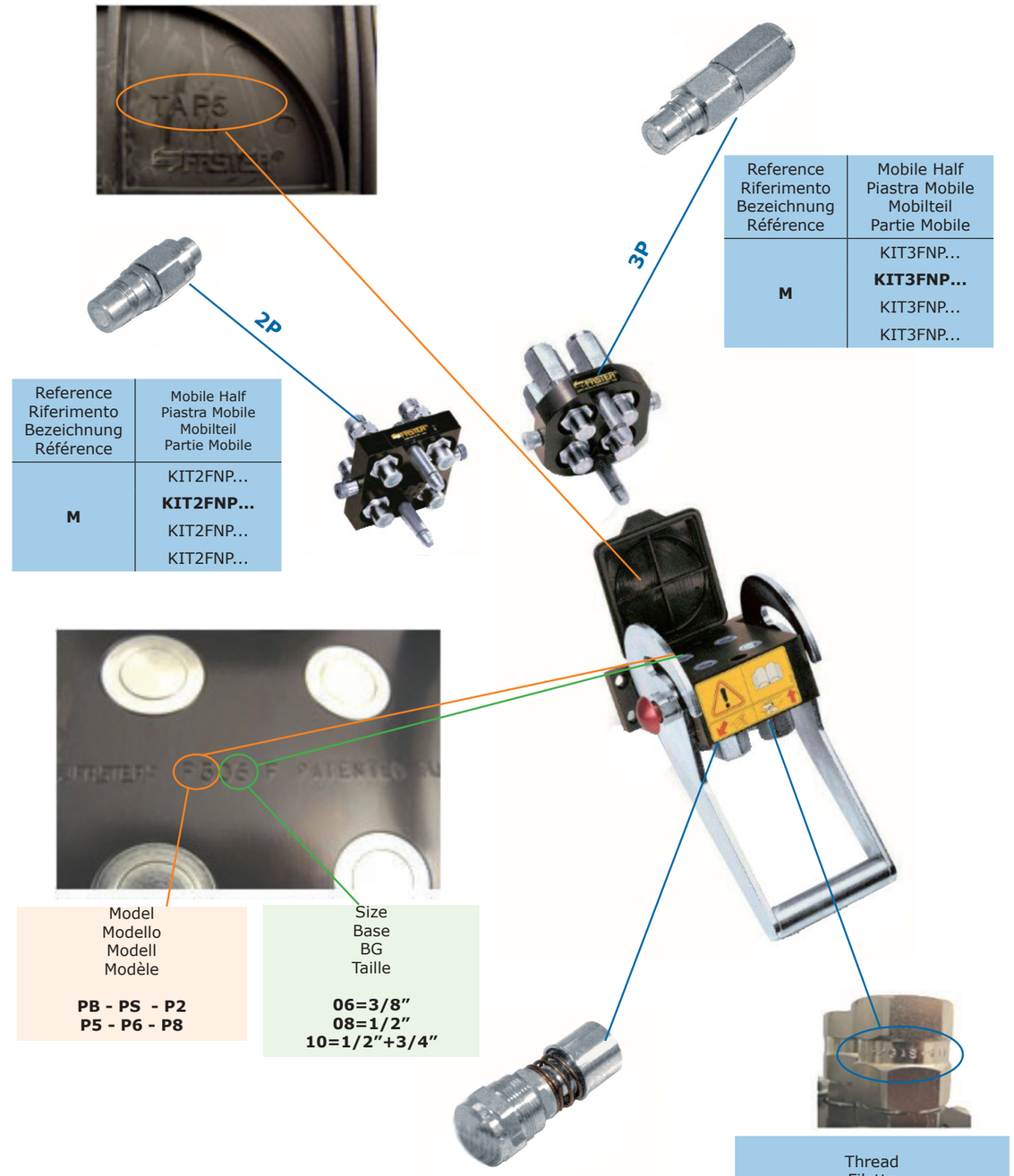
11/



13/



Identification Guide - Guida Identificativa
Bestimmungsführer - Guide d’identification



Reference Riferimento Bezeichnung Référence	Mobile Half Piastra Mobile Mobilteil Partie Mobile
M	KIT2FNP... **KIT2FNP...** KIT2FNP... KIT2FNP...

Reference Riferimento Bezeichnung Référence	Mobile Half Piastra Mobile Mobilteil Partie Mobile
M	KIT2FNP... **KIT2FNP...** KIT2FNP... KIT2FNP...

Model
Modello
Modell
Modèle

PB - PS - P2
P5 - P6 - P8

Size
Base
BG
Taille

06=3/8”
08=1/2”
10=1/2”+3/4”

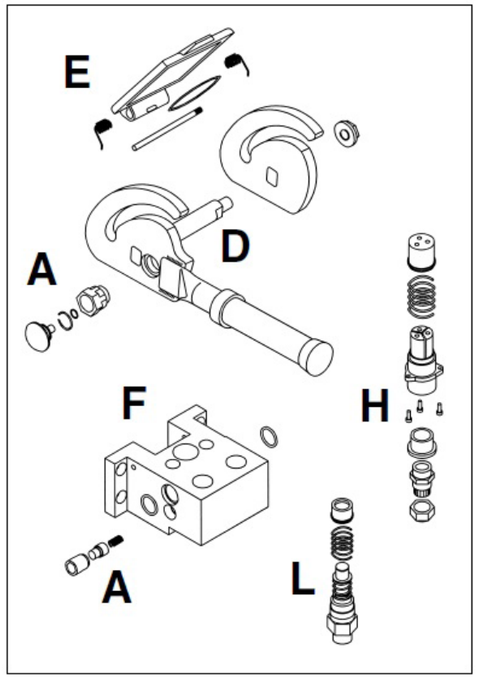
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe
L	KIT2FNB... **KIT2FNB...** KIT2FNB... KIT2FNB...

Thread
Filetto
Anschluß
Filetage

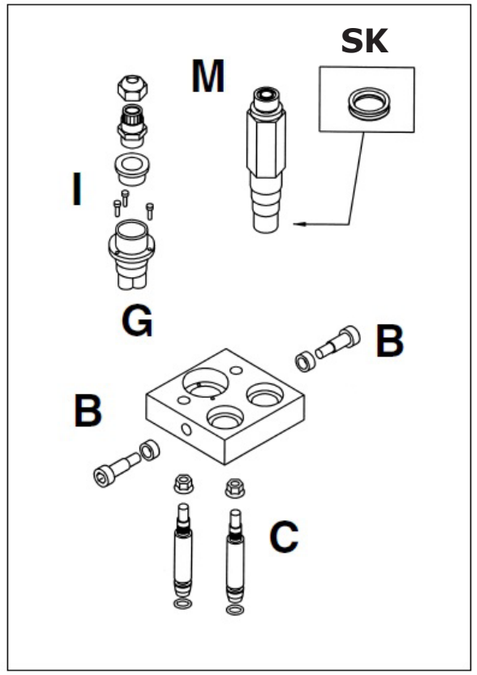
...12 GAS = 1/2” BSP
...12 NPT = 1/2” NPT
...12 SAE = 34-16 UNF
...34 GAS = 3/4” BSP
...2/2215 = M22x1.5

Accessories Guide - Accessori Identificativi
Accesorios Identificación - Accessories d'identification

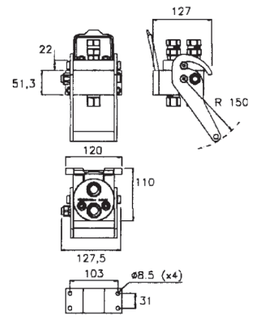
Fixed Half / Parte Fixa / Placa fija / Partie Fixe



Mobile Half / Parte Móvel / Placa móvil / Partie Mobile







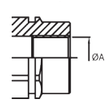
2P206
3P206
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Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
10	3/8"	F	3/8" BSP Female	2P206-2-38G F C	2P206-2-38G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F			3P206-2-38G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F	1/2" BSP Female	2P206-2-12G F C	2P206-2-12G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F			3P206-2-12G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	2/	M18x1,5 Male 12L	2P206-2-2/18 F C	2P206-2-2/18 M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	2/	M22x1,5 Male 15L	2P206-2-2/22 F C	2P206-2-2/22 M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	

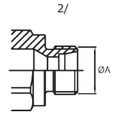
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP4			
C				KIT GP4			
D	KIT LP206						
E	KIT TA P2						
A+B+D+E+F	KIT P206 F L						
G+C+B				KIT P206 M			S P2
M				KIT2FNP38GASM		15	
M				KIT2FNP38-2/18M		15	
M				KIT2FNP38-2/18M		15	
M				KIT2FNP38-2/22M		15	
M				KIT3FNP38GASM		15	
M				KIT3FNP38-12GM		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
L	KIT2FNB38-12GF		15				
L	KIT2FNB38-2/18F		15				
L	KIT2FNB38-2/22F		15				
H/I							

Thread Filetto Anschluss Filetage

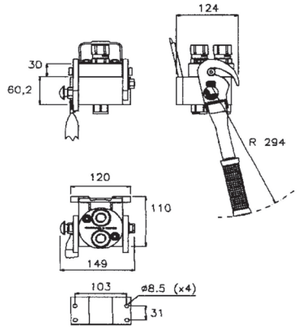
F



2/



2P208
3P208
(2 X 1/2")



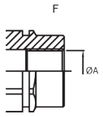


Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
12	1/2"	F	1/2" BSP Female	2P208-2-12G F C	2P208-2-12G M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F		3P208-2-12G F C	3P208-2-12G M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	1/2" NPT Female	2P208-2-12N F C	2P208-2-12N M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	1/2" SAE Female	2P208-2-12S F C	2P208-2-12S M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F			3P208-2-12S M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	3/4" BSP Female	2P208-2-34G F C	2P208-2-34G MC	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	3/4" SAE Female	2P208-2-34S F C	2P208-2-34S M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F			3P208-2-34S M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	2/	M22x1,5 Male 15L	2P208-2-2/22 F C	2P208-2-2/22M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	

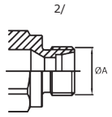
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	KIT LP208						
E	KIT TA P2						
A+B+D+E+F	KIT P208 F L						
G+C+B				KIT P208 M			S P2
M				KIT2FNP12GAS M		10	
M				KIT2FNP12NPT M		10	
M				KIT2FNP12-2/22M		10	
M				KIT2FNP12-12SM		10	
M				KIT2FNP12-34GM		10	
M				KIT3FNP12-34SM		10	
M				KIT3FNP12-12GAS M		10	
M				KIT3FNP12-12SM		10	
M				KIT3NPT12-2/22M		10	
M				KIT3FNP12-34SM		10	
SK				SK MF 12		10	
L	KIT2FNB12GASF		10				
L	KIT2FNB12NPT F		10				
L	KIT2FNB12-2/22F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12-34GF		10				
L	KIT2FNB12-34SF		10				
H/I							

Thread Filetto Anschluss Filetage

F

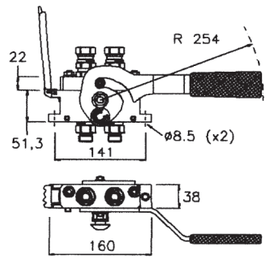


2/



2PB06
(2 X 3/8")



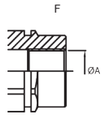


Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
10	3/8"	F	3/8" BSP Female	2PB06-2-38G F C	2PB06-2-38G MC	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F	1/2" BSP Female	2PB06-2-12G F C	2PB06-2-12G MC	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F	1/2" BSP Female	2PB06-2-12G F C	3PB06-2-12G MC	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	

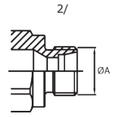
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungaseinheit Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VPB06			
C				KIT GP4			
D	KIT LPB06						
E	KIT TA PB06						
A+B+D+E+F	KIT PB06 F L						
G+C+B				KIT PB06 M			S PB06
M				KIT2FNP38GASM		15	
M				KIT2FNP38-12GM		15	
M				KIT2FNP38-2/18M		15	
M				KIT2FNP38-2/22M		15	
M				KIT3FNP38GASM		15	
M				KIT3FNP38-12GM		15	
M				KIT3FNP12-12GAS M		15	
M				KIT3FNP12-12SM		15	
M				KIT3NPT12-2/22M		15	
M				KIT3FNP12-34SM		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
L	KIT2FNB38-12GF		15				
L	KIT2FNB38-2/18F		15				
L	KIT2FNB38-2/22F		15				
H/I							

Thread Filetto Anschluss Filetage

F

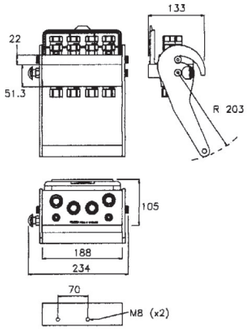


2/



2PS06

(4 X 3/8")





Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
10	3/8"	F	3/8" BSP Female	2PS06-4-38G F C	2PS06-4-38G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F	1/2" BSP Female	2PS06-4-12G F C	2PS06-4-12G M C	26 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	2/	M22x1,5 Male 15L	2PS06-4-2/22F C	2PS06-4-2/22M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	

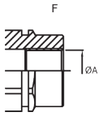
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP4			
C				KIT GP4			
D	KIT LP606						
E	KIT TA P2						
A+B+D+E+F	KIT PS06 F L						
G+C+B				KIT PS06 M			S PS
M				KIT2FNP38GASM		15	
M				KIT2FNP38-12GM		15	
M				KIT2FNP38-2/18M		15	
M				KIT2FNP38-2/22M		15	
M				KIT3FNP38GASM		15	
M				KIT3FNP38-12GM		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
L	KIT2FNB38-12GF		15				
L	KIT2FNB38-2/18F		15				
L	KIT2FNB38-2/22F		15				
H/I							

To be assembled on valves
Applicabile su distributori
Zur Montage auf Ventilblock
À monter sur le distributeur

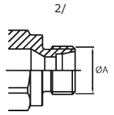
Walvoil SDM143/DLM142
Nimco CV 452/462
Nordhydraulic RMF 200

Thread Filetto Anschluss Filetage

F



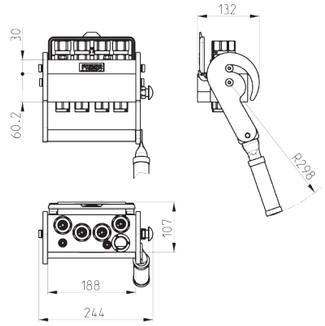
2/



2PS08

(4 X 1/2" + 1 E)



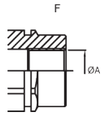


Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
12	1/2"	F	1/2" BSP Female	2PS08-1-4-12GFC	2PS08-1-4-12GMC	25 *(3625)*	100 *(14500)*	70 *(18.5)*	1	
12	1/2"	2/	M22x1,5 Male 15L	2PS08-1-4-2/2FC	2PS08-1-4-2/2MC	25 *(3625)*	100 *(14500)*	70 *(18.5)*	1	

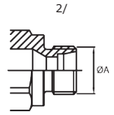
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	N/A						
E	KIT TA P6						
A+B+D+E+F	KIT PS08 F L						
G+C+B				KIT PS08 M			S PS
M				KIT2FNP12GAS M		10	
M				KIT2FNP12-2/22M		10	
M				KIT3FNP12GAS M		10	
M				KIT3FNP12-2/22M		10	
SK				SK MF 12		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12-2/22F		10				
H/I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H/I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Thread Filetto Anschluss Filetage

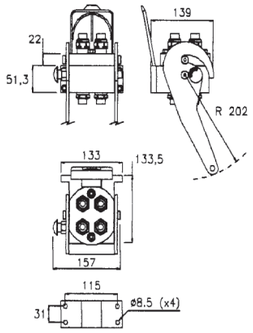
F



2/



2P506
3P506
(4 X 3/8")
*1 (4 X 3/8" + 1 E)



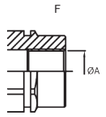


Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
10	3/8"	F	3/8" BSP Female	2P506-4-38G F C	2P506-4-38G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F			3P506-4-38G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F	1/2" BSP Female	2P506-4-12G F C	2P506-4-12G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F			3P506-4-12G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	2/	M22x1,5 Male 15L	2P506-4-2/22F C	2P506-4-2/22M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F	3/8" BSP Female	2P506-1-4-38GFC	2P506-1-4-38GMC	25 *(3625)*	100 *(14500)*	40 *(10.6)*	1(*)	

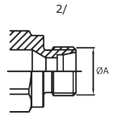
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP4 - (*)KIT VP8)			
C				KIT GP4			
D	KIT LP506						
E	KIT TA P5						
A+B+D+E+F	KIT P506 F L - (*)KIT P506-1 F L)						
G+C+B				KIT P506 M - (*)KIT P506-1 M)			S P5
M				KIT2FNP38GASM		15	
M				KIT2FNP38-12GM		15	
M				KIT2FNP38-2/22M		15	
M				KIT3FNP38GASM		15	
M				KIT3FNP38-12GM		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
L	KIT2FNB38-12GF		15				
L	KIT2FNB38-2/18F		15				
L	KIT2FNB38-2/22F		15				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Thread Filetto Anschluss Filetage

F

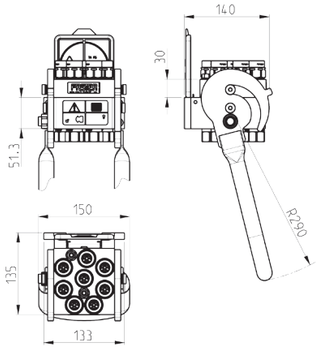


2/



2P5068
(8 X 3/8")



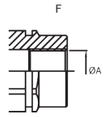


Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
10	3/8"	F	3/8" BSP Female	2P5068-8-38G F C	2P5068-8-38G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	

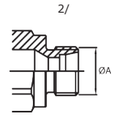
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5						
B				KIT VP8			
C				KIT GP4			
D	KIT LP508						
E	KIT TA P5						
A+B+D+E+F	KIT P5068 F L						
G+C+B				KIT P5068 M			S P5
M				KIT2FNP38GASM		15	
				KIT2FNP38-12GM		15	
				KIT2FNP38-2/22M		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
	KIT2FNB38-12GF		15				
	KIT2FNB38-2/22F		15				
H / I							

Thread Filetto Anschluss Filetage

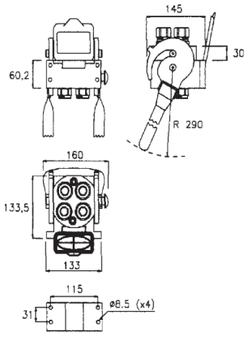
F



2/



2P508
3P508
(4 X 1/2")



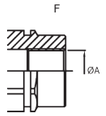


Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
12	1/2"	F	1/2" BSP Female	2P508-4-12G F C	2P508-4-12G M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	1/2" BSP Female	3P508-4-12G F C (*)	3P508-4-12G M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	1/2" NPT Female	2P508-4-12N F C	2P508-4-12N M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	3/4"-16 UNF Female	2P508-4-12S F C	2P508-4-12S M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	

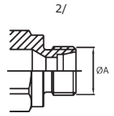
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	KIT LP508						
D	(*) KIT LP506-1						
E	KIT TA P5						
A+B+D+E+F	KIT P508 F L						
G+C+B				KIT P508 M			S P5
M				KIT2FNP12GAS M		10	
M				KIT2FNP12NPT M		10	
M				KIT2FNP12-12SM		10	
M				KIT3FNP12GAS M		10	
M				KIT3FNP12-12SM		10	
M				KIT3FNP12-34SM		10	
SK				SK MF 38		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12NPT F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12-2/22F		10				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Thread Filetto Anschluss Filetage

F

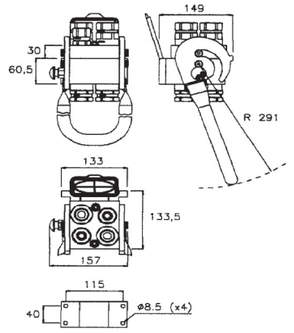


2/



2P510
3P510
(2 X 1/2" + 2 x 3/4")



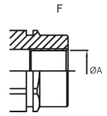


Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
20	3/4"	F	3/4" BSP Female	2P510-2-34G F C	2P510-2-34G M C	25 (3625)	100 (14500)	125 (33)	0	
20	3/4"	F	3/4" BSP Female	3P510-2-34G F C	3P510-2-34G M C	25 (3625)	100 (14500)	125 (33)	0	
20	3/4"	F	1 1/16-2UN 2B Female	2P510-2-34S F C	2P510-2-34S M C	25 (3625)	100 (14500)	125 (33)	0	
20	3/4"	F	1 1/16-2UN 2B Female	2P510-2-34S F C	3P510-2-34S M C	25 (3625)	100 (14500)	125 (33)	0	
12 & 20	1/2" & 3/4"	F	1/2" & 3/4" BSP Female	2P510-4-A F C	2P510-4-A M C	25 (3625)	100 (14500)	70 (18.5) & 125 (33)	0	

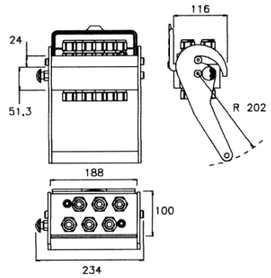
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	KIT LP510						
E	KIT TA P5						
A+B+D+E+F	KIT P510 F L						
G+C+B				KIT P510 M			S P510
M				KIT2FNP12GAS M		10	
M				KIT2FNP12-12SM		10	
M				KIT2FNP12NPT M		10	
M				KIT2FNP34GAS M		5	
M				KIT2FNP34-34SM		5	
M				KIT3FNP34GAS M		5	
M				KIT3FNP12-34SM		10	
M				KIT3FNP34-34SM		5	
SK				SK MF 12		10	
SK				SK MF 34		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12NPT F		10				
L	KIT2FNB34GAS F		5				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M			
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Thread Filetto Anschluss Filetage

F



2P606
(6 X 3/8")

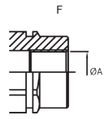




Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
10	3/8"	F	3/8" BSP Female	2P606-6-12G F C	2P206-6-12G M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	
10	3/8"	F	3/4"-16 UNF Female	2P606-6-12S F C	2P206-6-12S M C	25 *(3625)*	100 *(14500)*	40 *(10.6)*	0	

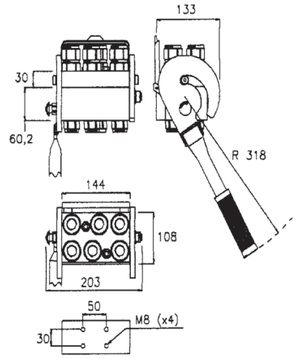
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP4			
C				KIT GP4			
D	KIT LP606						
E	KIT TA P6						
A+B+D+E+F	KIT P606 F L						
G+C+B				KIT P606 M			
M				KIT2FNP38GASM		15	
M				KIT2FNP38-12GM		15	
M				KIT2FNP38-2/18M		15	
M				KIT2FNP38-2/22M		15	
M				KIT3FNP38GAS M		15	
M				KIT3FNP38-12GM		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
L	KIT2FNB38-12GF		15				
L	KIT2FNB38-2/18F		15				
L	KIT2FNB38-2/22F		15				
H / I							

Thread Filetto Anschluss Filetage



2P608
3P608
(6 X 1/2")

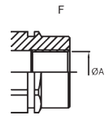




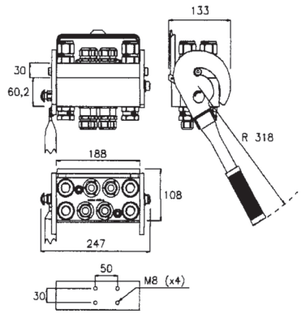
Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
12	1/2"	F	3/4" - 16 UNF Female	2P608-4-12S F C	2P608-4-12S M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	3/4" - 16 UNF Female	2P608-6-12S F C	2P608-6-12S M C	25 *(3625)*	101 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	1-1/16" - 12 UN 2B Female	2P608-6-34S F C	2P608-6-34S M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	1/2" BSP Female	2P608-6-12G F C	2P608-6-12G M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	1/2" BSP Female	3P608-6-12G F C	3P608-6-12G M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	KIT LP608						
E	KIT TA P608						
A+B+D+E+F	KIT P608 F L						
G+C+B				KIT P608 M			S P608
M				KIT2FNP12GAS M		10	
M				KIT2FNP12-12SM		10	
M				KIT2FNP12-2/22M		10	
M				KIT2FNP12-34SM		10	
M				KIT3FNP12GAS M		10	
SK				SK MF 12		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12-34SF		10				
L	KIT2FNB12-2/22F		10				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Thread Filetto Anschluss Filetage



2P808
3P808
(8 X 1/2")

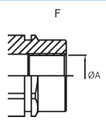




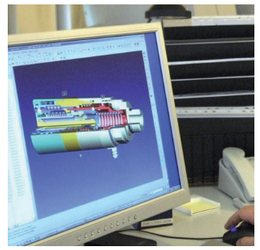
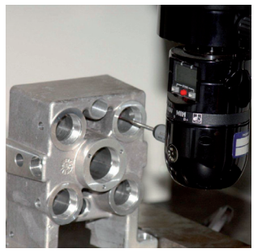
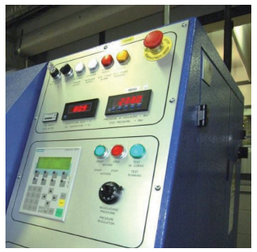
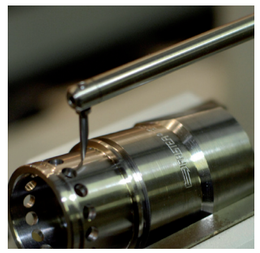
Size Base BG Taille		Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch					MPa *(PSI)*	MPa *(PSI)*	l/min *(GPM)*		
12	1/2"	F	1/2" BSP Female	2P808-6-12G F C	2P808-6-12G M C	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	1/2" BSP Female	2P808-8-12G FC	2P808-8-12G MC	25 *(3625)*	101 *(14500)*	70 *(18.5)*	0	
12	1/2"	F	1/2" BSP Female	2P808-8-12G FC	3P808-8-12G MC	25 *(3625)*	100 *(14500)*	70 *(18.5)*	0	

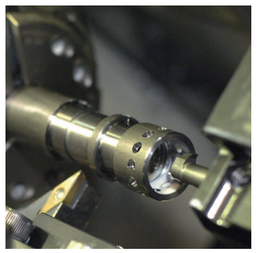
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP8			
D	KIT LP808						
E	KIT TA P8						
A+B+D+E+F	KIT P808 F L						
G+C+B				KIT P808 M			S P8
M				KIT2FNP12GAS M		10	
M				KIT2FNP12-12SM		10	
M				KIT2FNP12-2/22M		10	
M				KIT2FNP12-34SM		10	
M				KIT3FNP12GAS M		10	
SK				SK MF 12		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12-34SF		10				
L	KIT2FNB12-2/22F		10				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Thread Filetto Anschluss Filetage



Additional Technical Information
Informazioni Tecniche Aggiuntive
Zusätzliche Technische Informationen
Informations Techniques Supplémentaires

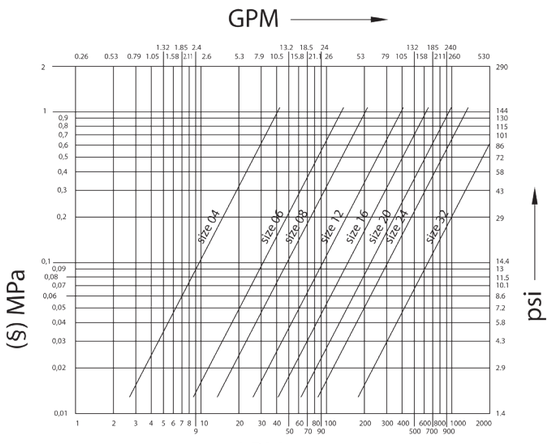


Pressure Drop Chart - Diagramma Perdita di Pressione
Druckverlustdiagramm - Diagramme Perte de Charge

NV - ANV - HNV - 2 NV

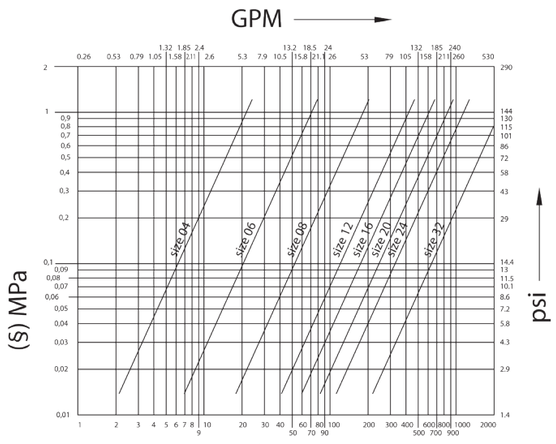
NV





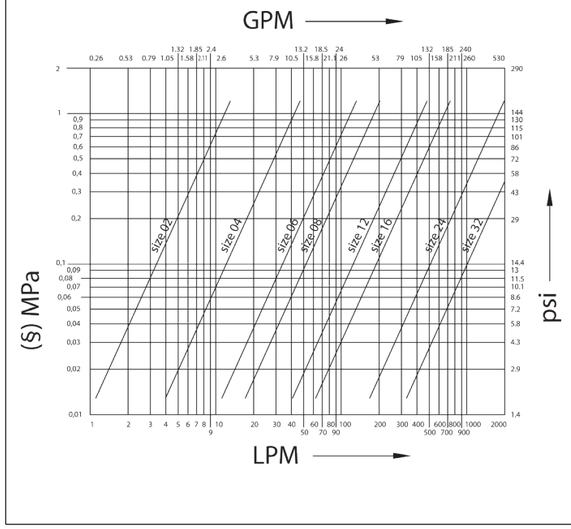
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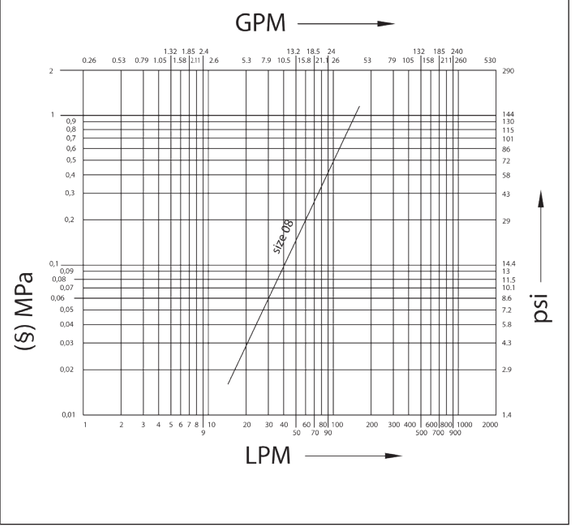
HNV





2 NV



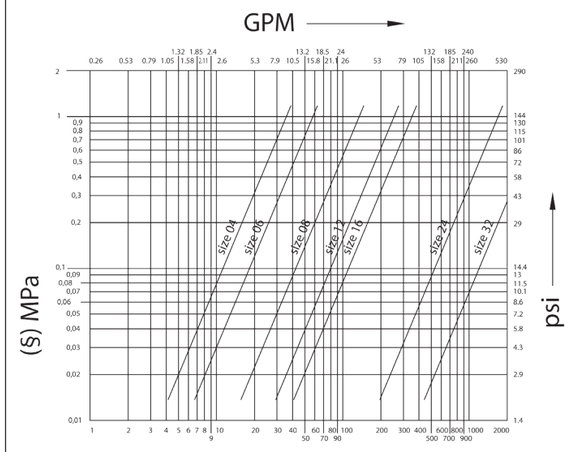


Pressure Drop Chart - Diagramma Perdita di Pressione
Druck Drop Diagramm - Diagramme Chute de Pression

HNV 316 - HNV BRASS - TNV

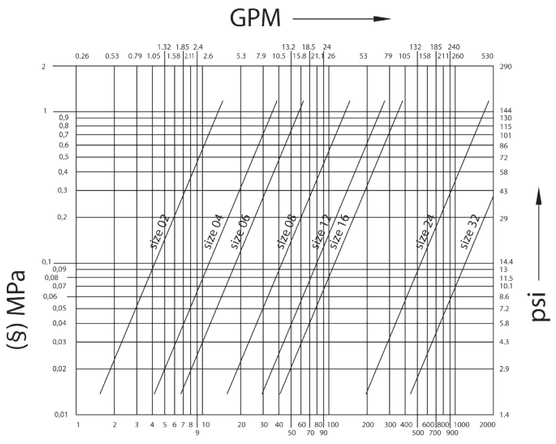
HNV Stainless Steel





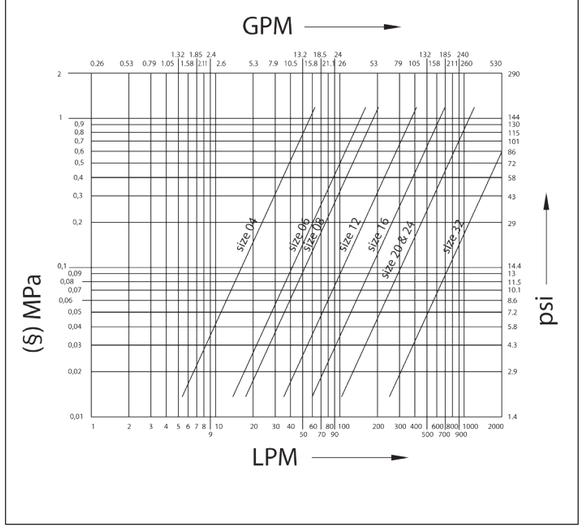
HNV Brass





TNV



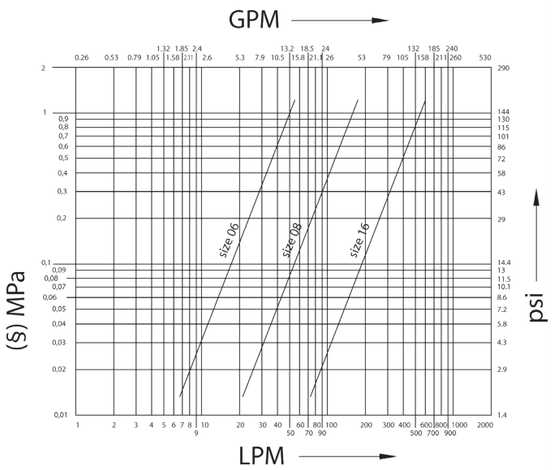


Pressure Drop Chart - Diagramma Perdita di Pressione
Druck Drop Diagramm - Diagramme Chute de Pression

CPV/CNV - 3CFPV - 4SRPV - VF

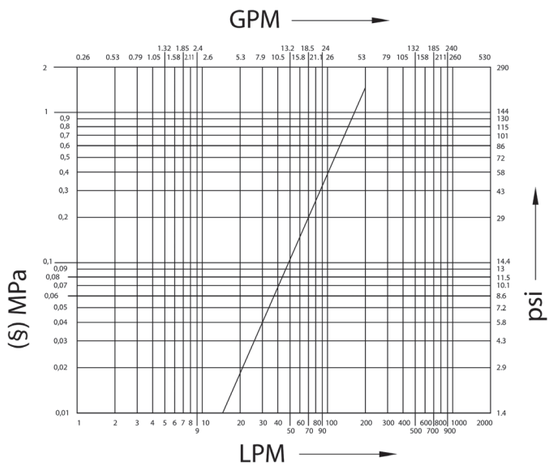
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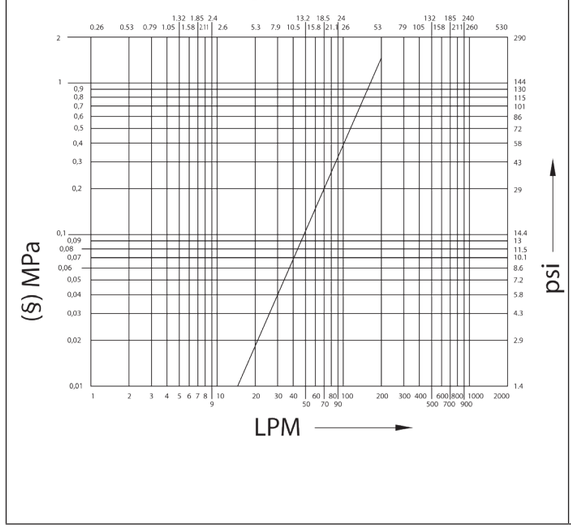
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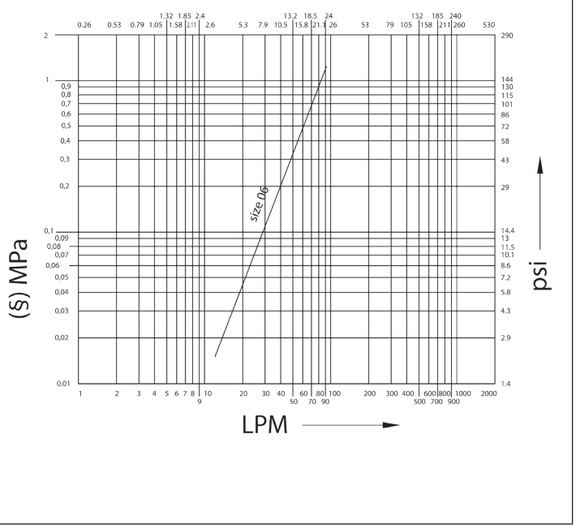
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VF



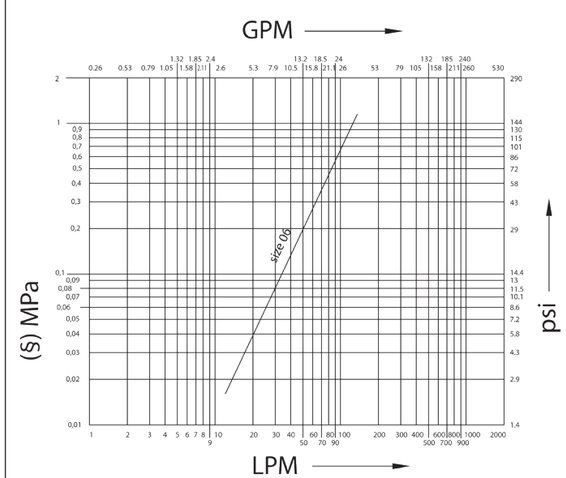


Pressure Drop Chart - Diagramma Perdita di Pressione
Druck Drop Diagramm - Diagramme Chute de Pression

VFB - CVV - VV - VVS

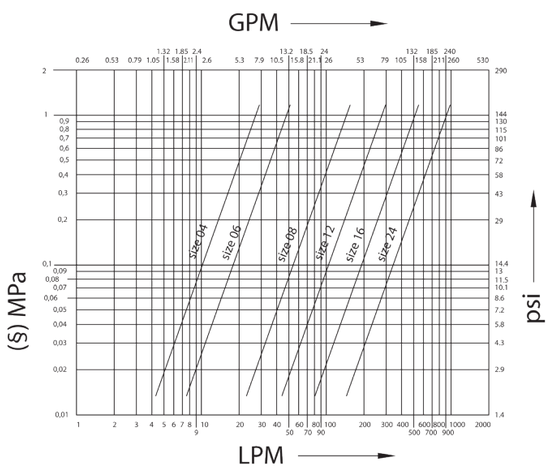
VFB





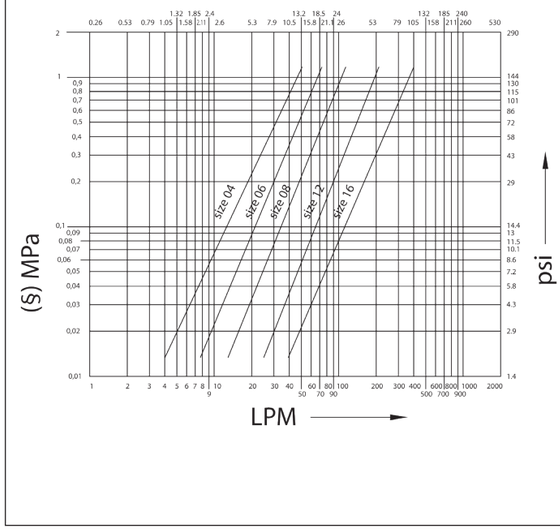
CVV





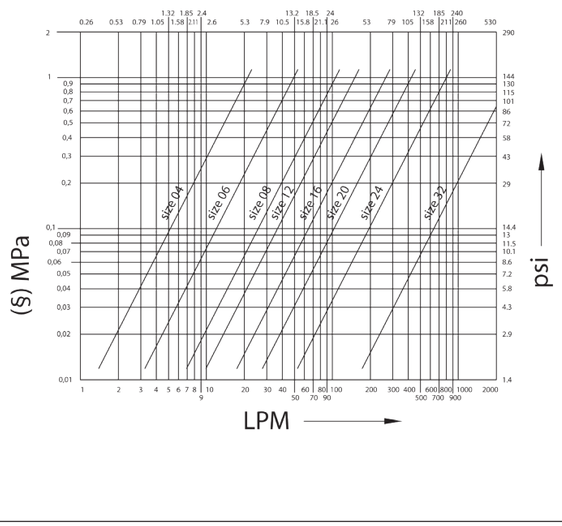
VV





VVS

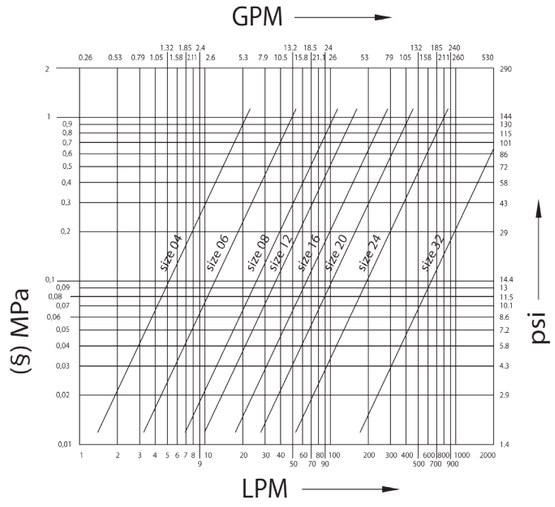




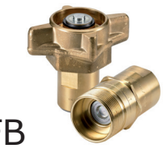
VV316 - FB - PVVM

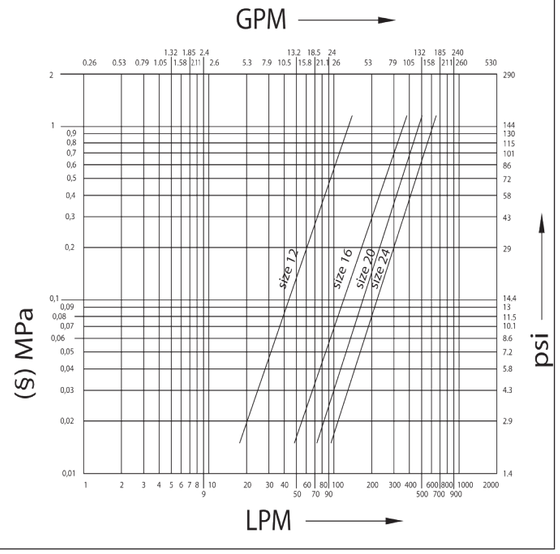
VVS Stainless Steel





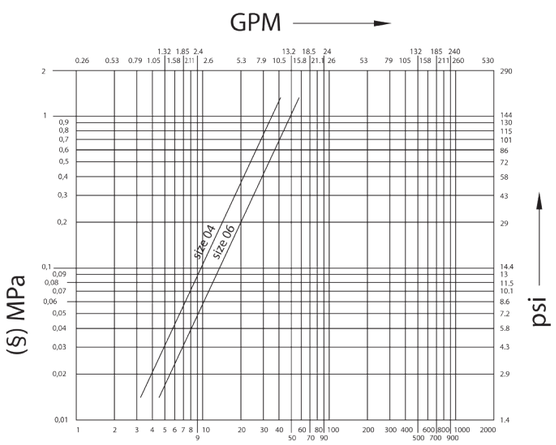
FB





PVVM



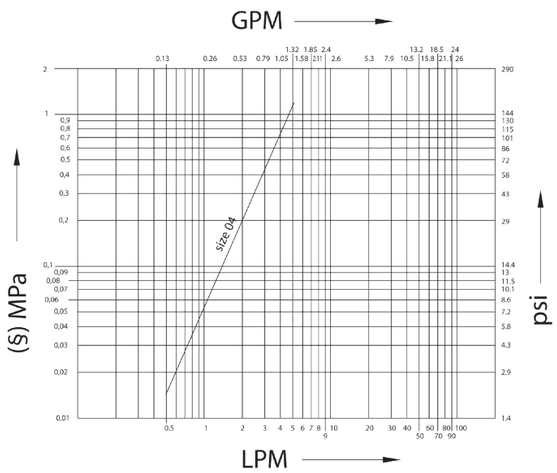


Pressure Drop Chart - Diagramma Perdita di Pressione
Druck Drop Diagramm - Diagramme Chute de Pression

DF - FFH - 3FFV

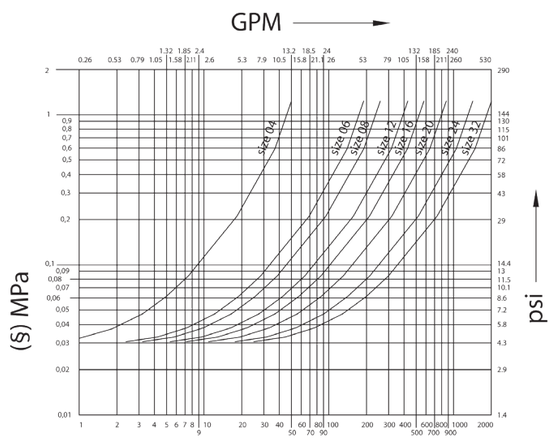
DF





VU

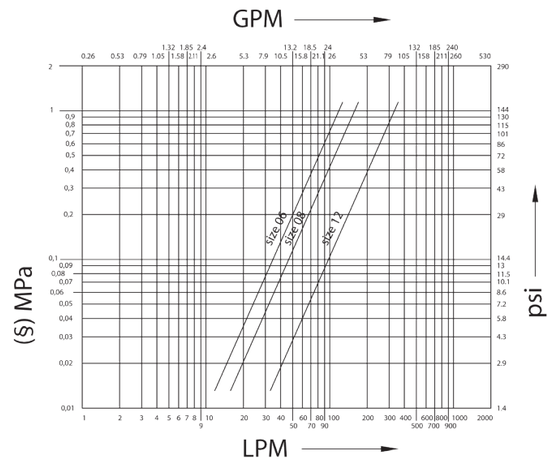




3FFH - FFH - 3FFV - FHV

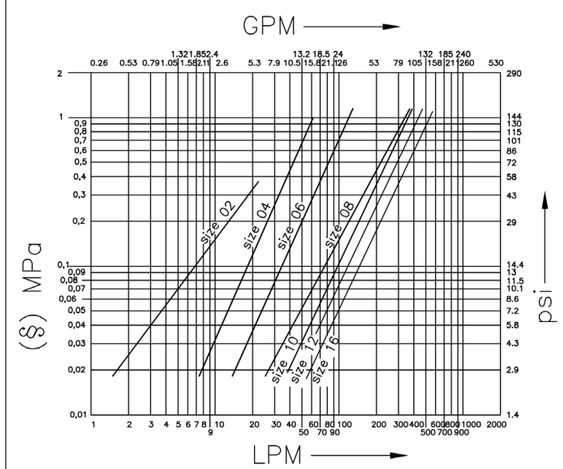
3FFH





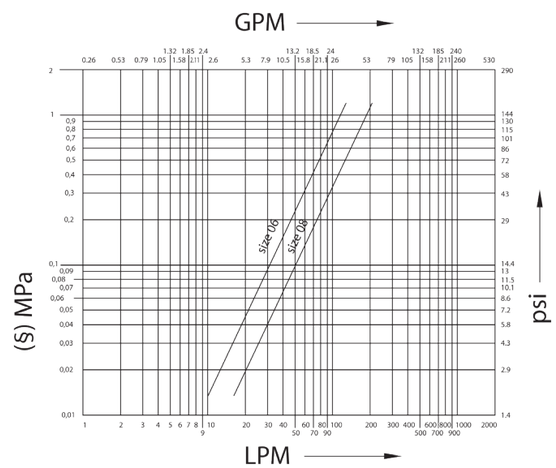
FFH





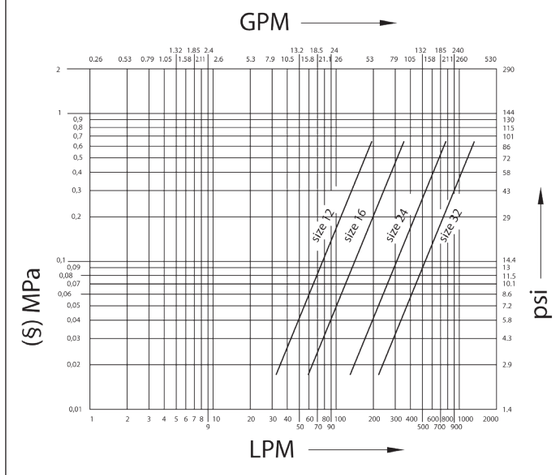
3FFV





FHV



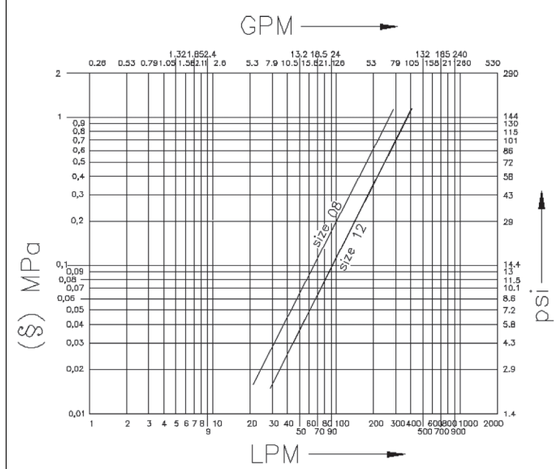


Pressure Drop Chart - Diagramma Perdita di Pressione
Druck Drop Diagramm - Diagramme Chute de Pression

4BD4FH

4BD4FH



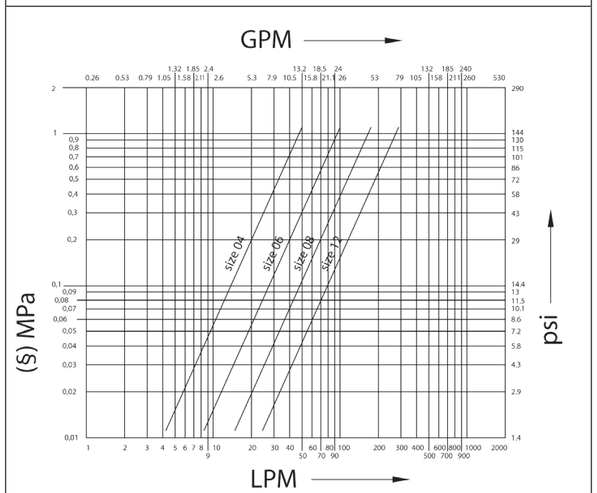


Pressure Drop Chart - Diagramma Perdita di Pressione
Druck Drop Diagramm - Diagramme Chute de Pression

2P - 3P

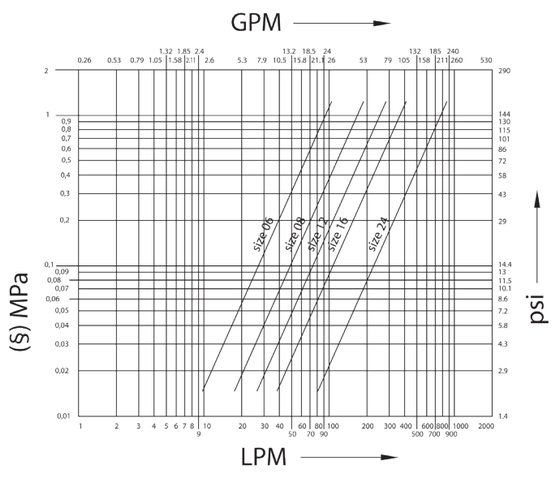
2P





3P

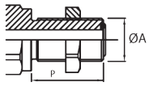
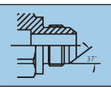
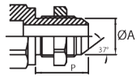
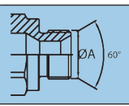
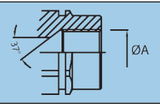
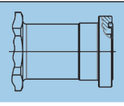




Thread - Filetto - Anschluss - Filetage

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1/	BSP NPTF SAE METRIC	DIN 3852-2-B ANSI B1.20.3 SAE J 1926-3 ISO 6149-2
2/	METRIC	ISO 8434-1-L
3/	METRIC	ISO 8434-1-S
4/	BSP METRIC	ISO/CD 8434-6 ISO 8434-6
5/	METRIC	ISO 8434-1-L
6/	METRIC	8434-1-L
7/	METRIC	ISO 8434-1-L
8/	METRIC	ISO 8434-1-S
9/	METRIC	ISO 5676
11/	SAE	SAE J 1453

Thread - Filetto - Anschluss - Filetage

12/ 	SAE	SAE J 1453
13/ 	SAE	SAE J 514
14/ 	SAE	SAE J 514
16/ 	BSP	ISO/CD 8434-6
21/ 	BSP METRIC	DIN 3852-11 tab. 2 DIN 3852-11 tab. 1
22/ 	BSP METRIC	DIN 3852-2-A DIN 3852-1-A
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