



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. Losreifunktion 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	MPa (PSI)	l/min (GPM)	MPa (PSI)
10	27 (3800)	24 (6.2)	115 (16400)
12.5	30 (4300)	75 (19.8)	120 (17100)
25	22 (3150)	270 (71.4)	110 (15700)

**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 Collis
mm	inch.		mm (in)	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)	

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 beanspruchter 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)
<b>Mate500®</b>	<b>Mate500®</b>	<b>Mate500®</b>	<b>Mate500®</b>
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2