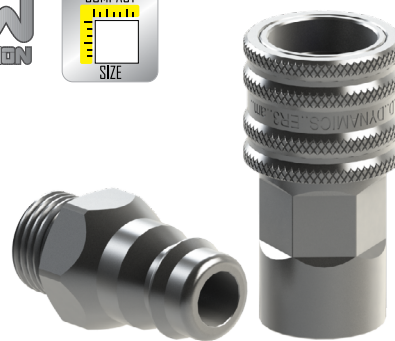


 **ER 03** (BFY22200AE Series) **ER 03** (Série BFY22200AE) **ER 03** (Series BFY22200AE)**Applications / Anwendung / Applications** **Features****Main fluid of passage:** compressed air**Connection:** pulling back the female sleeve**Disconnection:** pulling back the female sleeve
(holding the male coupler)**Interchangeability:** Dynamics profile**Material:** high-grade carbon steel with heat treated wear parts (nipple and sleeve)**Surface treatment:** zinc plating Cr(III)**Seals:** NBR (Nitrile Rubber)**Working temperature:** -25°C (-13°F) to 80°C (176°F)

Others seals and threads on request

 Eigenschaften**Hauptdurchflussmedium:** Druckluft**Verbindung:** Einrasten der Hülse des Schnellkupplung-Weibchens**Trennung:** Einrasten der Hülse des Schnellkupplung-Weibchens (mit Halten des Schnellkupplung-Männchens)**Austauschbarkeit:** Dynamics Profil**Material:** Hochwertiger Kohlenstoffstahl mit wärmebehandelten Verschleißteilen (Stift und Hülse)
Oberflächenbehandlung: Dreiwertige Verzinkung Cr(III)**Dichtung:** NBR (Nitrilkautschuk)**Arbeitstemperatur:** -25°C (-13°F) bis 80°C (176°F)

Andere Dichtungen und Gewinde auf Anfrage

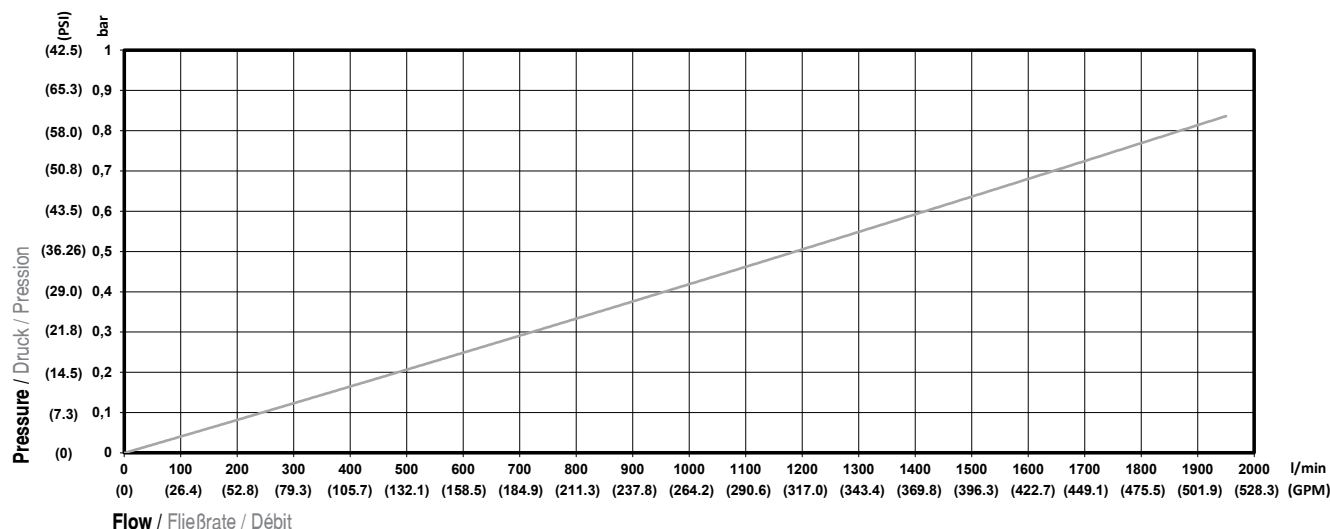
 Propriétés**Fluide principal de passage:** air comprimé**Connexion:** encliquetage de la douille du raccord femelle**Déconnexion:** encliquetage de la douille du raccord femelle (en tenant le raccord mâle)**Interchangeabilité:** profil Dynamics**Matériau:** acier au carbone de haute qualité avec pièces d'usure traitées thermiquement (broche et douille)**Traitement de surface:** zingage trivalent Cr(III)**Joint:** NBR (caoutchouc nitrile)**Température de travail:** -25°C (-13°F) à 80°C (176°F)

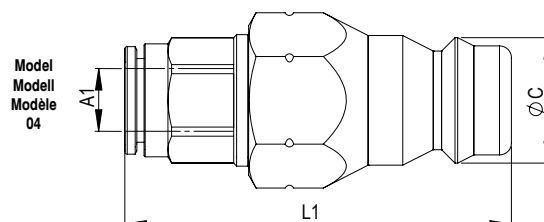
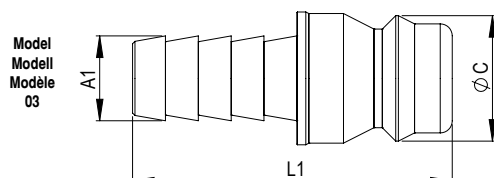
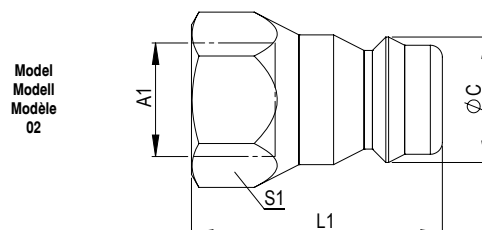
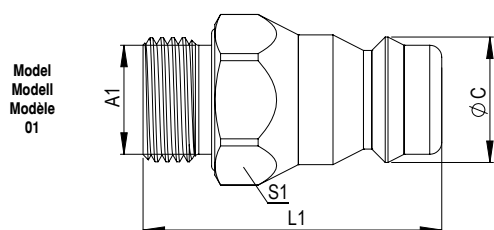
Autres joints et filetages sur demande

Technical Information / Technische Information / Informations Techniques

Diameter Size Nennweite Diamètre Nominal mm	Rated Flow with 0,5 bar (7.25 PSI) of pressure drop Nennvolumenstrom bei einem Druckverlust von 0,5 bar (7,25 PSI) Débit nominal avec une perte de pression de 0,5 bar (7,25 PSI) L/min (GPM)	Maximum Working Pressure Maximaler Arbeitsdruck Pression de Travail Maximale bar (PSI)	Burst Pressure Berstdruck Pression de Rupture	
			Female Weiblich Femme bar (PSI)	Connected Verbunden Connecté bar (PSI)
22	1.200 (317.00)	16 (232)	120 (1,740)*	120 (1,740)*

*Burst test is done hydraulically on the threaded connection / Hydraulischer bruchversuch mit gewindeverbindung / Essai de rupture effectué hydrauliquement avec connexion fileté

Pressure Drop / Ladungsverlust / Perte de Cargaion

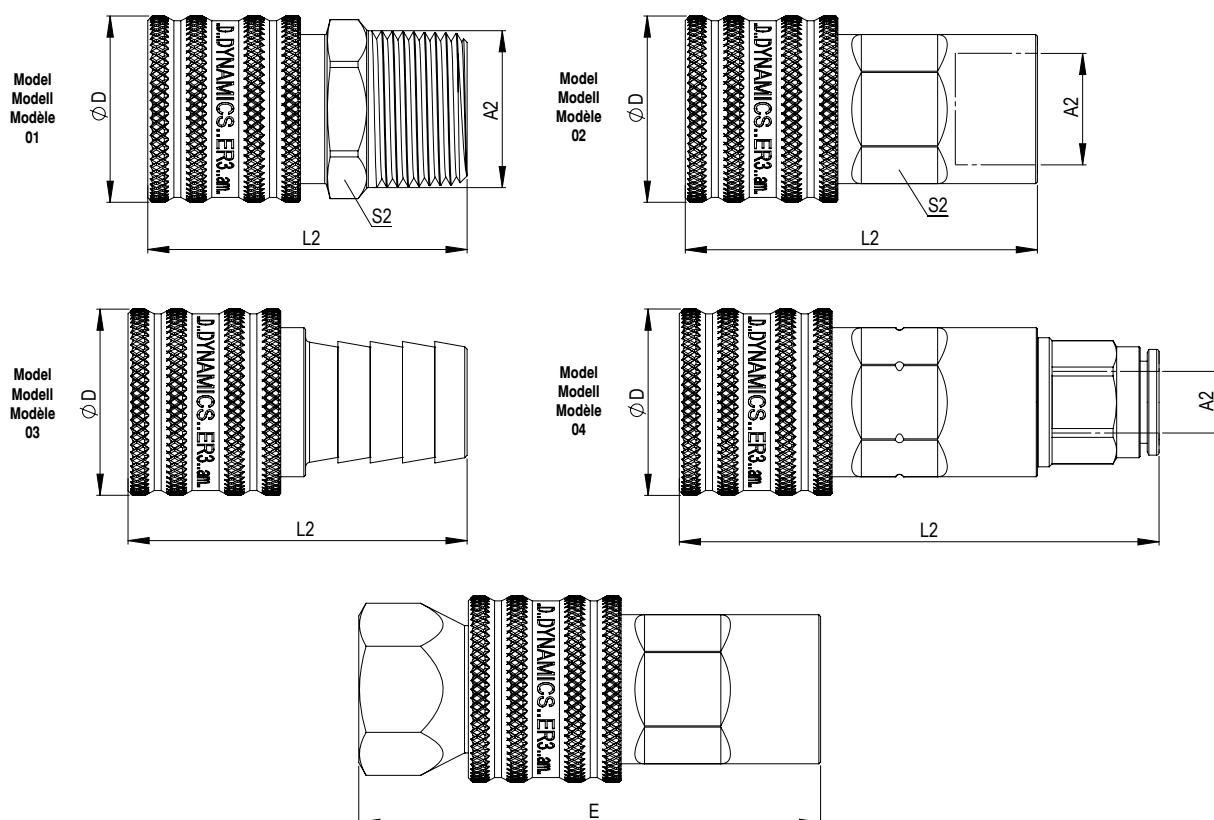


Male / Männlich / Homme

Nominal Diameter Nenndurchmesser Diamètre Nominal mm (in)	Part Number Code Code	A1 Connection Verbindung Connexion	Connection Standard Verbindungsstandard Norme de Connexion	Torque Drehmoment Couple Nm	L1 mm (in)	S1 mm (in)	ØC mm (in)	Wight Gewicht Poids g	Model Modell Modèle	Stock Lagerbes- tand Stock
22	102.022224.Y	1/2"NPT (ext.)	ANSI B1.20.1	52 - 66	52,0 (2.05")	22,2 (7/8")	21,0 (0.83")	91 (0.20)	01	
	102.022225.Y	3/4" NPT (ext.)	ANSI B1.20.1	68 - 88	57,0 (2.24")	27,0 (1.1/16")	21,0 (0.83")	146 (0.32)	01	
	102.022226.B	1/2" BSP (ext.)	DIN 3852-2	60 - 80	50,0 (1.97")	25,4 (1")	21,0 (0.83")	95 (0.21)	01	
	102.022228.Y	1/2"NPT (int.)	ANSI B1.20.1	52 - 66	42,0 (1.65")	25,4 (1")	21,0 (0.83")	69 (0.15)	02	
	102.022229.Y	3/4" NPT (int.)	ANSI B1.20.1	68 - 88	48,0 (1.89")	31,8 (1.1/4")	21,0 (0.83")	117 (0.26)	02	
	102.022230.Y	1/2"BSP (int.)	DIN 3852-2	60 - 80	44,0 (1.73")	25,4 (1")	21,0 (0.83")	74 (0.16)	02	
	102.022231.Y	3/4" BSP (int.)	DIN 3852-2	120 - 150	47,0 (1.85")	31,8 (1.1/4")	21,0 (0.83")	107 (0.24)	02	
	102.022221.Y	1/2" (Inside Hose Ø)	SAE J30 R2	-----	53,5 (2.11")	-----	21,0 (0.83")	58 (0.13)	03	
	102.022222.Y	5/8" (Inside Hose Ø)	SAE J30 R2	-----	53,5 (2.11")	-----	21,0 (0.83")	63 (0.14)	03	
	102.022223.Y	3/4" (Inside Hose Ø)	SAE J30 R2	-----	53,5 (2.11")	-----	21,0 (0.83")	82 (0.18)	03	
	102.022210.F	Ø10 (Push-in Fitting)	SAE J844	-----	60,5 (2.38")	-----	21,0 (0.83")	107 (0.24)	04	
	102.022212.F	Ø12 (Push-in Fitting)	SAE J844	-----	64,7 (2.55")	-----	21,0 (0.83")	127 (0.28)	04	

(int.)	Internal Thread / Innengewinde / Filet Intérieur
(ext.)	External Thread / Außengewinde / Filetage Extérieur

(int.)	Internal Thread / Innengewinde / Filet Intérieur
(ext.)	External Thread / Außengewinde / Filetage Extérieur



Female / Weiblich / Femelle

Nominal Diameter Nenndurchmesser Diamètre Nominal mm (in)	Part Number Code Code	A2 Connection Verbindung Connexion	Connection Standard Verbindungsstandard Norme de Connexion	Torque Drehmoment Couple Nm	L2 mm (in)	S2 mm (in)	ØD mm (in)	E mm (in)	Wight Gewicht Poids g	Model Modell Modèle	Stock Lagerbestand Stock
22	111.022214.A	3/4" NPT (ext.)	ANSI B1.20.1	68 - 88	54,4 (2.14")	27,0 (1.1/16")	31,8 (1.25")	L1 + L2 -23 (0.92")	134 (0.30)	01	
	111.022217.A	1/2"NPT (int.)	ANSI B1.20.1	52 - 66	60,0 (2.36")	22,2 (7/8")	31,8 (1.25")	L1 + L2 -23 (0.92")	126 (0.28)	02	
	111.022218.A	3/4" NPT (int.)	ANSI B1.20.1	68 - 88	65,1 (2.56")	30,0 (1.3/16")	31,8 (1.25")	L1 + L2 -23 (0.92")	182 (0.40)	02	
	111.022219.A	1/2"BSP (int.)	DIN 3852-2	60 - 80	61,0 (2.40")	22,2 (7/8")	31,8 (1.25")	L1 + L2 -23 (0.92")	124 (0.27)	02	
	111.022220.A	3/4" BSP (int.)	DIN 3852-2	100 - 130	64,5 (2.54")	30,0 (1.3/16")	31,8 (1.25")	L1 + L2 -23 (0.92")	173 (0.38)	02	
	111.022212.A	3/4" (Inside Hose Ø)	SAE J30 R2	-----	57,7 (2.27")	-----	31,8 (1.25")	L1 + L2 -23 (0.92")	100 (0.22)	03	
	111.022210.E	Ø10 (Push-in Fitting)	SAE J844	-----	77,5 (3.05")	-----	31,8 (1.25")	L1 + L2 -23 (0.92")	159 (0.35)	04	
	111.022212.E	Ø12 (Push-in Fitting)	SAE J844	-----	81,7 (3.22")	-----	31,8 (1.25")	L1 + L2 -23 (0.92")	179 (0.39)	04	

	Available / Liniennorm / Norme de Ligne
	On request / Auf Anfrage / Sur demande

	Available / Liniennorm / Norme de Ligne
	On request / Auf Anfrage / Sur demande