

ISO B (B170200A Series)

ISO B (Serie B170200A)

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Applications / Anwendung / Applications



Features

Main fluid of passage: hydraulic oil

Connection: retracting the sleeve of the female coupling

Disconnection: retracting the sleeve of the female coupling

Connection under pressure: not allowed

Interchangeability: ISO 7241-1 Standard Series B

Material: high-quality carbon steel with heat-treated wear parts (sleeve and pin).

Surface treatment: trivalent zinc plating Cr(III)

Seals: NBR (Nitrile Rubber) and anti-extrusion ring made of PTFE

Working temperature: -25°C (-13°F) at 100°C (212°F)

Others seals and threads on request

Eigenschaften

Hauptdurchflussflüssigkeit: Hydrauliköl

Verbindung: zurückziehen der hülse des weiblichen anschlusses.

Trennung: zurückziehen der hülse des weiblichen anschlusses.

Verbindung unter druck: nicht zulässig.

Austauschbarkeit: ISO 7241-1 Norm, Serie B.

Material: hochwertiger kohlenstoffstahl mit wärmebehandelten verschleißteilen (hülse und stift).

Oberflächenbehandlung: dreiwertige zinkbeschichtung Cr(III)

Dichtung: NBR (nitrilkautschuk) und anti-extrusionsring aus PTFE.

Arbeitstemperatur: -25°C (-13°F) bis 100°C (212°F)

Andere dichtungen und gewinde auf anfrage

Propriétés

Fluide de passage principal: huile hydraulique

Connexion: rétractation de la douille de l'accouplement femelle

Disconnexion: rétractation de la douille de l'accouplement femelle

Connexion sous pression: non autorisée

Interchangeabilité: Norme ISO 7241-1 Série B

Matériau: acier au carbone de haute qualité avec pièces d'usure traitées thermiquement (manchon et broche)

Traitement de surface: galvanisation trivalente au Cr(III)

Joint: NBR (caoutchouc nitrile) et anneau anti-extrusion en PTFE

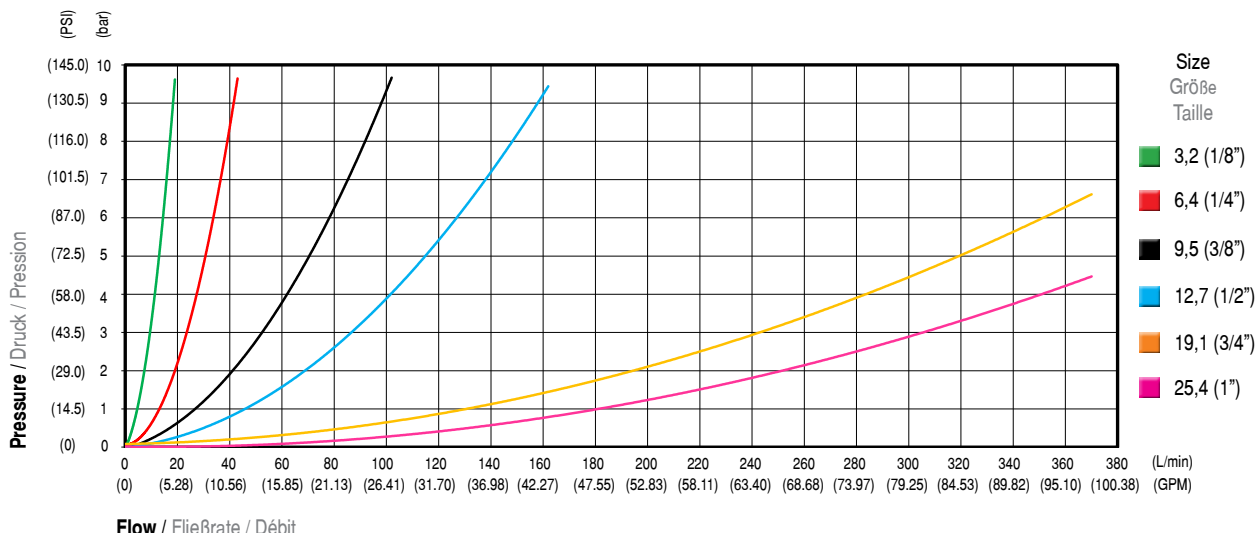
Température de fonctionnement: -25°C (-13°F) à 100°C (212°F)

Autres joints d'étanchéité et filetages sur demande.

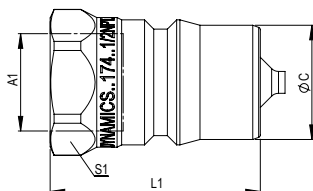
Technical Information / Technische Information / Informations Techniques

Size Größe Taille mm (in)	Rated Flow with 2 bar (29 PSI) of pressure drop Nenndurchfluss mit Verlust von 2 bar Druck (29 PSI) Débit nominal avec perte de Pression de 2 bars (29 PSI) L/min (GPM)	Maximum Working Pressure Maximaler Arbeitsdruck Pression de Service Maximale bar (PSI)	Burst Pressure Berstdruck Pression D'éclatement			Fluid loss during disconnection (14 PSI) Ölverlust beim trennen (1 bar) Perte d'huile lors de la déconnexion (1 bar) ml (cc)
			Female Weiblich Femme bar (PSI)	Male Männlich Mâle bar (PSI)	Connected Verbunden Connecté bar (PSI)	
3,2 (1/8")	5 (1.32)	350 (5,076)	1.680 (24,366)	1.670 (24,221)	1.680 (24,366)	0,70 (0.024)
6,4 (1/4")	18 (4.75)	350 (5,076)	1.480 (21,465)	1.350 (19,580)	1.200 (17,405)	1,20 (0.041)
9,5 (3/8")	40 (10.56)	300 (4,351)	1.270 (18,420)	1.020 (14,794)	1.090 (15,809)	1,80 (0.061)
12,7 (1/2")	70 (18.49)	300 (4,351)	1.270 (18,420)	1.180 (17,114)	1.250 (18,130)	3,00 (0.100)
19,1 (3/4")	195 (51.51)	250 (3,625)	1.270 (18,420)	920 (13,343)	900 (13,053)	7,50 (0.254)
25,4 (1")	255 (67.36)	200 (2,900)	1.040 (15,084)	880 (12,763)	860 (12,473)	13,00 (0.440)

Pressure Drop / Ladungsverlust / Perte de Cargaion



ISO B P-E-I (V.5)



Male / Männlich / Homme

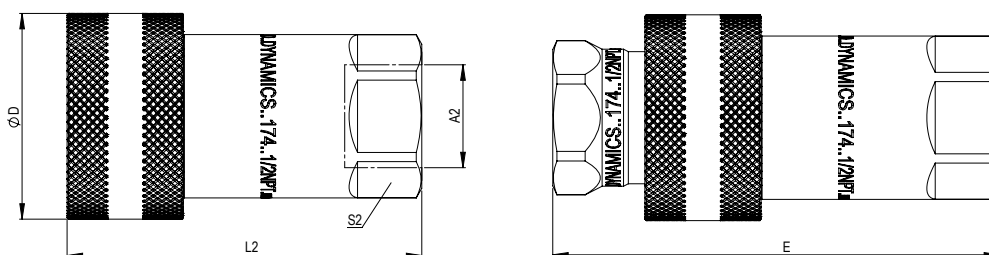
Size Größe Taille mm (in)	Part Number Code Code	A1 Thread Schraube Vis	Thread Standard Gewindestandard Norme de Filetage	Torque Drehmo- ment Couple	B1 mm (in)	S1 mm (in)	C Ø mm (in)	Weight Gewicht Poids g (lb)	Stock Lagerbestand Stock
3,2 (1/8")	115.171245.B	1/8" NPT (int.)	ANSI B1.20.1	14 - 20	28 (1.10")	14,3 (9/16")	10,9 (0.43")	16 (0.04)	🔍
	115.171246.B	1/8" BSP (int.)	DIN 3852-2	10 - 15	27,5 (1.08")	14,3 (9/16")	10,9 (0.43")	14 (0.03)	🔍
6,4 (1/4")	115.172247.B	1/4" NPT (int.)	ANSI B1.20.1	18 - 26	33,2 (1.31")	19,1 (3/4")	14,2 (0.56")	30 (0.07)	✓
	115.172248.B	1/4" BSP (int.)	DIN 3852-2	24 - 32	35,6 (1.40")	19,1 (3/4")	14,2 (0.56")	33 (0.07)	🔍
	115.172249.B	9/16" UNF ORB (int.)	SAE J1926	26 - 34	38,0 (1.50")	19,1 (3/4")	14,2 (0.56")	32 (0.07)	🔍
9,5 (3/8")	115.173249.B	3/8" NPT (int.)	ANSI B1.20.1	30 - 40	39,0 (1.54")	22,2 (7/8")	19,1 (0.75")	57 (0.13)	✓
	115.173250.B	3/8" BSP (int.)	DIN 3852-2	40 - 55	39,0 (1.54")	22,2 (7/8")	19,1 (0.75")	56 (0.12)	🔍
12,7 (1/2")	115.174251.B	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	42,7 (1.68")	27,0 (1.1/16")	23,5 (0.93")	95 (0.21)	✓
	115.174252.B	1/2" BSP (int.)	DIN 3852-2	60 - 80	42,7 (1.68")	27,0 (1.1/16")	23,5 (0.93")	95 (0.21)	🔍
19,1 (3/4")	115.175253.B	3/4" NPT (int.)	ANSI B1.20.1	68 - 88	52,9 (2.08")	33,4 (1.5/16")	31,4 (1.24")	177 (0.39)	✓
	115.175254.B	3/4" BSP (int.)	DIN 3852-2	100 - 130	52,9 (2.08")	33,4 (1.5/16")	31,4 (1.24")	173 (0.38)	🔍
25,4 (1")	115.176255.B	1" NPT (int.)	ANSI B1.20.1	82 - 108	58,4 (2.30")	41,3 (1.5/8")	37,8 (1.49")	327 (0.72)	🔍
	115.176256.B	1" BSP (int.)	DIN 3852-2	130 - 180	57,4 (2.26")	41,3 (1.5/8")	37,8 (1.49")	310 (0.68)	🔍

(int.) Internal Thread / Innengewinde / Filetage Intérieur

(ext.) External Thread / Außengewinde / Filetage

✓ Available / Liniennorm / Norme de Ligne

🔍 On request / Auf Anfrage / Sur demande



Size Größe Taille mm (in)	Part Number Code Code	A2 Thread Schraube Vis	Thread Standard Gewindestandard Norme de Filetage	Torque Drehmoment Couple Nm	B2 mm (in)	S2 mm (in)	D Ø mm (in)	E mm (in)	Weight Gewicht Poids g (lb)	Stock Lagerbestand Stock
3,2 (1/8")	117.171231.A	1/8" NPT (int.)	ANSI B1.20.1	14 - 20	43,6 (1.72")	14,3 (9/16")	20,7 (0.81")	L1 + L2 -17 (0.67")	50 (0.11)	🔍
	117.171232.A	1/8" BSP (int.)	DIN 3852-2	10 - 15	44,6 (1.76")	14,3 (9/16")	20,7 (0.81")	L1 + L2 -17 (0.67")	51 (0.11)	🔍
6,4 (1/4")	117.172233.A	1/4" NPT (int.)	ANSI B1.20.1	18 - 26	53,6 (2.11")	17,5 (11/16")	27,0 (1.06")	L1 + L2 -19 (0.75")	107 (0.24)	✓
	117.172234.A	1/4" BSP (int.)	DIN 3852-2	24 - 32	55,0 (2.16")	17,5 (11/16")	27,0 (1.06")	L1 + L2 -19 (0.75")	109 (0.24)	🔍
	117.172235.A	9/16" UNF ORB (int.)	SAE J1926	26 - 34	56,4 (2.22")	17,5 (11/16")	27,0 (1.06")	L1 + L2 -19 (0.75")	108 (0.24)	🔍
9,5 (3/8")	117.173235.A	3/8" NPT (int.)	ANSI B1.20.1	30 - 40	59,1 (2.32")	22,3 (7/8")	31,8 (1.25")	L1 + L2 -22 (0.89")	156 (0.34)	✓
	117.173236.A	3/8" BSP (int.)	DIN 3852-2	40 - 55	59,1 (2.32")	22,3 (7/8")	31,8 (1.25")	L1 + L2 -22 (0.89")	155 (0.34)	🔍
12,7 (1/2")	117.174237.A	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	69,0 (2.71")	28,6 (1.1/8")	40,0 (1.57")	L1 + L2 -24 (0.97")	298 (0.66)	✓
	117.174238.A	1/2" BSP (int.)	DIN 3852-2	60 - 80	70,0 (2.75")	28,6 (1.1/8")	40,0 (1.57")	L1 + L2 -24 (0.97")	299 (0.66)	🔍
	117.175132.Y	M22X1,5 (ext.)	ISO 6149	74 - 96	99,0 (3.90")	35,0 (1.3/8")	52,2 (2.06")	L1 + L2 -32 (1.27")	620 (1.37)	✓
19,1 (3/4")	117.175136.Y	1.1/16" UN ORB (ext.)	SAE J1926	90 - 116	99,0 (3.90")	35,0 (1.3/8")	52,2 (2.06")	L1 + L2 -32 (1.27")	630 (1.39)	✓
	117.175239.A	3/4" NPT (int.)	ANSI B1.20.1	68 - 88	85,7 (3.37")	35,0 (1.3/8")	47,6 (1.87")	L1 + L2 -32 (1.27")	500 (1.10)	✓
	117.175241.A	3/4" BSP (int.)	DIN 3852-2	100 - 130	85,7 (3.37")	35,0 (1.3/8")	47,6 (1.87")	L1 + L2 -32 (1.27")	498 (1.10)	🔍
	117.175244.A	1.1/16" UN ORB (int.)	SAE J1926	90 - 116	87,2 (3.43")	35,0 (1.3/8")	47,6 (1.87")	L1 + L2 -32 (1.27")	498 (1.10)	🔍
25,4 (1")	117.176242.A	1" NPT (int.)	ANSI B1.20.1	82 - 108	97,1 (3.82")	42,9 (1.11/16")	55,6 (2.19")	L1 + L2 -37 (1.48")	809 (1.78)	✓
	117.176243.A	1" BSP (int.)	DIN 3852-2	130 - 180	96,1 (3.78")	42,9 (1.11/16")	55,6 (2.19")	L1 + L2 -37 (1.48")	785 (1.73)	🔍

(int.) Internal Thread / Innengewinde / Filetage Intérieur

(ext.) External Thread / Außengewinde / Filetage

✓ Available / Liniennorm / Norme de Ligne

🔍 On request / Auf Anfrage / Sur demande