

Flat Face Mounted on the Hydraulic Control Valve (BH180600AX Series)

Flachdichtung Montiert auf dem hydraulischen Ventil (Serie BH180600AX)

Face Plane Monté sur la Commande Hydraulique (Série BH180600AX)



Applications / Anwendung / Applications



Features

Main fluid of passage: hydraulic oil

Connection: pushing the male coupling

Disconnection: pulling the male coupling

Connection under pressure: only the male coupling pressurized

Interchangeability: ISO 16028 standard

Material: high-grade carbon steel with heat treated wear parts

Surface treatment: zinc nickel plating

Seals: NBR (Nitrile Rubber), Polyurethane and backup ring in PTFE

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

Female coupling without locking balls, others seals and threads on request

Eigenschaften

Hauptdurchflussmedium: hydrauliköl

Verbindung: stecken des männlichen steckers

Trennung: ziehen des männlichen steckers

Verbindung unter Druck: nur der männliche teil ist unter druck

Austauschbarkeit: ISO 16028 Standard

Material: Hochwertiger Kohlenstoffstahl mit wärme-behandelten Verschleißteilen

Oberflächenbehandlung: Zink-Nickel-Bad

Dichtung: NBR (Nitrilkautschuk), Polyurethan und Anti-Extrusionsring aus PTFE

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

Weiblicher stecker ohne blockierkugeln, andere dichtungen, federn und gewinde auf anfrage

Propriétés

Fluide principal de passage: huile hydraulique

Connexion: encliquetage du raccord mâle

Déconnexion: tirage du raccord mâle

Connexion sous pression: uniquement la partie mâle sous pression

Interchangeabilité: norme ISO 16028

Matériau: acier au carbone de haute qualité avec pièces d'usure traitées thermiquement

Traitement de surface: bain de zinc-nickel

Joint d'étanchéité: NBR (caoutchouc nitrile), polyuréthane et bague anti-extrusion en PTFE

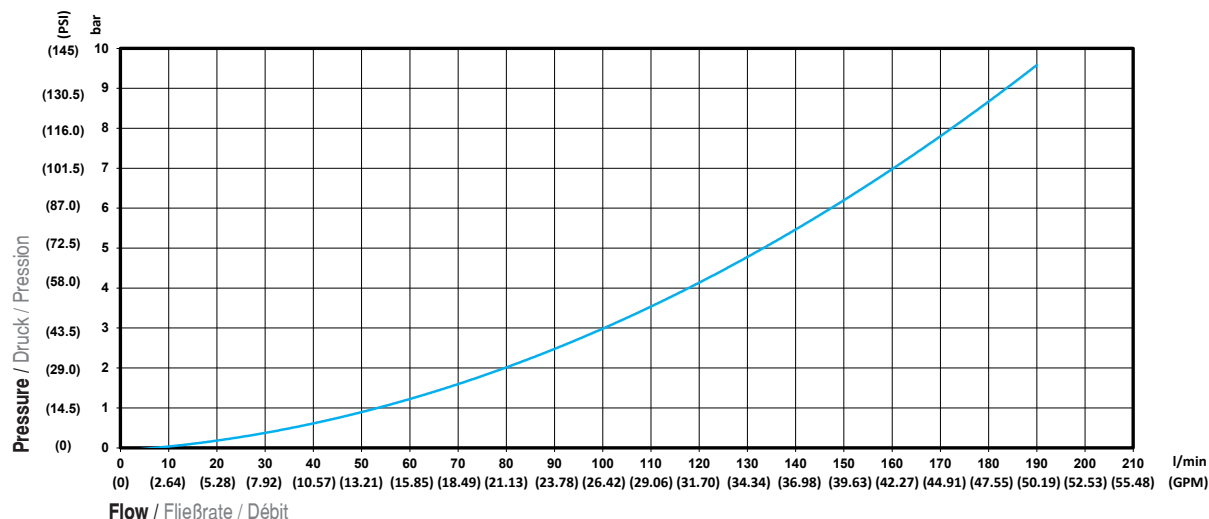
Température de travail: -25°C (-13°F) à 100°C (212°F)

Raccord femelle sans billes de blocage, autres joints d'étanchéité, ressorts et filetages sur demande

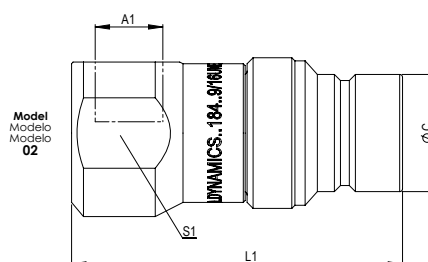
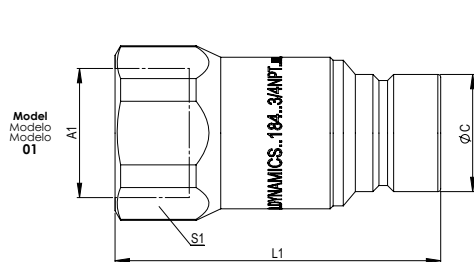
Technical Information / Technische Information / Informations Techniques

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)	
12,7 (1/2")	80 (23.78)	300 (4,351)	1.000 (14,504)	1.240 (17,985)	1.220 (17,695)	0,010 (0.0003)

Pressure Drop / Ladungsverlust / Perte de Cargaion



Flat Face Mounted on the Hydraulic Control Valve I-A-F (V.0)

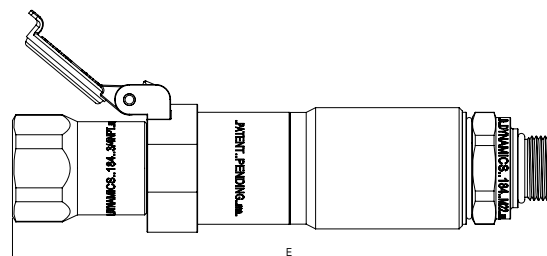
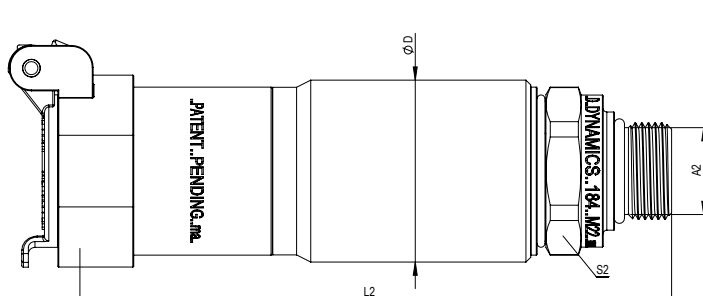


Male / Männlich / Homme

Size Größe Taille mm (in)	Part Number Code Code	A1 Thread Schraube Filetage	Thread Standard Gewindestandard Norme de Filetage	Torque Drehmoment Couple Nm	L1 mm (in)	S1 mm (in)	Ø C mm (in)	Weight Gewicht Poids g (lb)	Model Modell Modèle	Stock Lagerbestand Stock
12,7 (1/2")	115.184452.B	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	65,4 (2.57")	27,0 (1.1/16")	24,5 (0.96")	173 (0.38)	01	✓
	115.184453.B	1/2" BSP (int.)	DIN 3852-2	60 - 80	66,4 (2.61")	27,0 (1.1/16")	24,5 (0.96")	173 (0.38)	01	🔍
	115.184454.B	3/4" NPT (int.)	ANSI B1.20.1	68 - 88	68,5 (2.70")	34,0 (1.11/32")	24,5 (0.96")	245 (0.54)	01	✓
	115.184455.B	3/4" BSP (int.)	DIN 3852-2	100 - 130	68,5 (2.70")	33,4 (1.5/16")	24,5 (0.96")	243 (0.54)	01	🔍
	115.184458.B	3/4" UNF ORB (int.)	SAE J1926	48 - 62	65,4 (2.57")	27,0 (1.1/16")	24,5 (0.96")	173 (0.38)	01	🔍
	115.184459.B	7/8" UNF ORB (int.)	SAE J1926	58 - 74	69,9 (2.75")	28,6 (1.1/8")	24,5 (0.96")	225 (0.50)	01	🔍
	115.184461.B	1.1/16" UN ORB (int.)	SAE J1926	90 - 116	70,0 (2.76")	33,4 (1.5/16")	24,5 (0.96")	231 (0.51)	01	🔍
	115.184432.BD	3/4" UNF ORB (ext.)	SAE J1926	48 - 62	84,9 (3.89")	27,0 (1.1/16")	24,5 (0.96")	229 (0.50)	01	🔍
	115.184438.BD	M22x1,50 L15 (ext.)	ISO 8434-1-L	74 - 96	84,9 (3.89")	27,0 (1.1/16")	24,5 (0.96")	221 (0.49)	01	🔍
	115.184466.BD	M24x1,50 S16 (ext.)	ISO 8434-1-S	82 - 108	86,9 (3.42")	27,0 (1.1/16")	24,5 (0.96")	237 (0.52)	01	🔍
	115.184476.BD	M22x1,50 ORB (ext.)	ISO 6149	74 - 96	90,8 (3.57")	27,0 (1.1/16")	24,5 (0.96")	262 (0.58)	01	🔍
	115.184448.H	9/16" UNF ORB (int.) 90°	SAE J1926	26 - 34	69,2 (2.72")	31,8 (1.1/4")	24,5 (0.96")	254 (0.56)	02	✓
	115.184449.H	3/4" UNF ORB (int.) 90°	SAE J1926	48 - 62	73,9 (2.91")	35,0 (1.3/8")	24,5 (0.96")	345 (0.76)	02	🔍

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

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



Female / Weiblich / Femelle

Size Größe Taille mm (in)	Part Number Code Code	A2 Thread Schraube Filetage	Thread Standard Gewindestandard Norme de Filetage	Torque Drehmoment Couple Nm	L2 mm (in)	S2 mm (in)	Ø D mm (in)	E mm (in)	Weight Gewicht Poids g (lb)	Stock Lagerbestand Stock
12,7 (1/2")	117.184655.X	M22x1,50 L15 (ext.) BHS	ISO 8434-1-L	74 - 96	146,9 (5.78")	35,0 (1.3/8")	41,3 (1.63")	L1 + L2 -17 (0.68")	785 (1.73)	🔍
	117.184663.X	1/2" NPTF (int.)	ANSI B1.20.3	52 - 66	137,2 (5.40")	35,0 (1.3/8")	41,3 (1.63")	L1 + L2 -17 (0.68")	859 (1.89)	🔍
	117.184667.X	M22x1,50 ORB (ext.)	ISO 6149	74 - 96	134,2 (5.28")	35,0 (1.3/8")	41,3 (1.63")	L1 + L2 -17 (0.68")	759 (1.67)	🔍
	117.184669.X	M27x2,00 ORB (ext.)	ISO 6149	120 - 150	135,2 (5.32")	35,0 (1.3/8")	41,3 (1.63")	L1 + L2 -17 (0.68")	775 (1.71)	🔍
	117.184679.X	3/4" UNF ORB (ext.)	SAE J1926	48 - 62	132,9 (5.23")	35,0 (1.3/8")	41,3 (1.63")	L1 + L2 -17 (0.68")	756 (1.67)	🔍
	117.184681.X	7/8" UNF ORB (ext.)	SAE J1926	58 - 74	134,0 (5.27")	35,0 (1.3/8")	41,3 (1.63")	L1 + L2 -17 (0.68")	759 (1.67)	🔍
	117.184682.X	1.1/16" UN ORB (ext.)	SAE J1926	90 - 116	134,2 (5.28")	35,0 (1.3/8")	41,3 (1.63")	L1 + L2 -17 (0.68")	771 (1.70)	🔍

(int.)	Internal Thread / Innengewinde / Filetage Intérieur
(ext.)	External Thread / Außengewinde / Filetage Extérieur
BHS	Bulkhead without nut / Gewinde für blech ohne mutter / Filetage pour tôle sans écrou

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