

ISO A 5675 Mounted on the Hydraulic Control Valve “Premium” (Série B80600XYW)

ISO A 5675 Montiert auf Hydraulischer Steuerung “Premium” (Serie B80600XYW)

ISO A 5675 Monté sur Commande Hydraulique “Premium” (B80600XYW Series)



Applications / Anwendungen / Applications



Features

Main fluid of passage: hydraulic oil
Connection: pushing the male coupling
Disconnection: pulling the male coupling
Connection under pressure: allowed on both sides (male and female)
Interchangeability: ISO 7241-1 A Series standard
Material: high-grade carbon steel with heat treated wear parts
Surface treatment: zinc plating Cr(III)
Seals: NBR (Nitrile Rubber), Polyurethane and backup ring in PTFE
Working temperature: -25°C (-13°F) to 100°C (212°F)
 Others seals and threads on request

Eigenschaften

Hauptdurchflussflüssigkeit: hydrauliköl
Verbindung: männlichen steckanschluss eindrücken
Trennung: männlichen steckanschluss herausziehen
Verbindung unter druck: erlaubt, mit beiden teilen unter druck (männchen und weibchen)
Interkompatibilität: ISO 7241-1 Serie A Standard
Material: hochwertiger kohlenstoffstahl mit wärme-behandelten verschleißteilen
Oberflächenbehandlung: Dreiwertige Zinkbeschichtung Cr(III)
Dichtung: NBR (Nitrilkautschuk), Polyurethan und Anti-Extrusionsring aus PTFE
Arbeitstemperatur: -25°C (-13°F) bis 100°C (212°F)
 Weitere dichtungen und gewinde auf anfrage

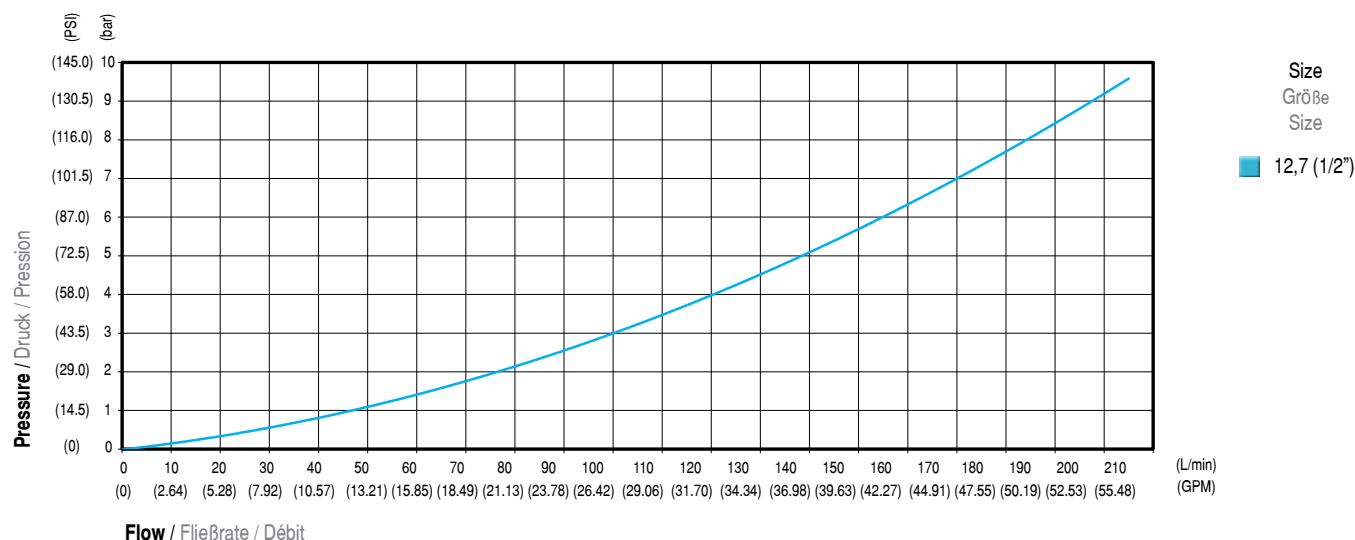
Propriétés

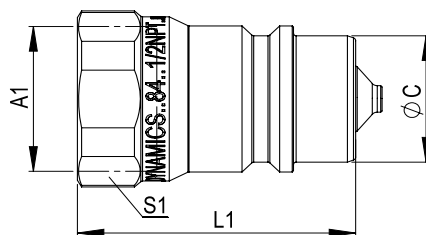
Fluide principal de passage: huile hydraulique
Connexion: enfoncer le raccord mâle
Déconnexion: tirer sur le raccord mâle
Connexion sous pression: autorisée, avec les deux parties sous pression (mâle et femelle)
Interchangeabilité: Norme ISO 7241-1 Série A
Matériau: acier au carbone de haute qualité avec pièces d'usure traitées thermiquement
Traitement de surface: galvanisation trivalente au Cr(III)
Joint: NBR (Caoutchouc nitrile), polyuréthane et bague anti-extrusion en PTFE
Température de travail: -25°C (-13°F) à 100°C (212°F)
 Autres joints et filetages sur demande

Technical Information / Technische Information / Informations

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")	75 (19.81)	270 (3,916)	1.125 (16,317)	1.000 (14,504)	1.135 (16,462)	1,80 (0.061)

Pressure Drop / Ladungsverlust / Perte de Cargaion



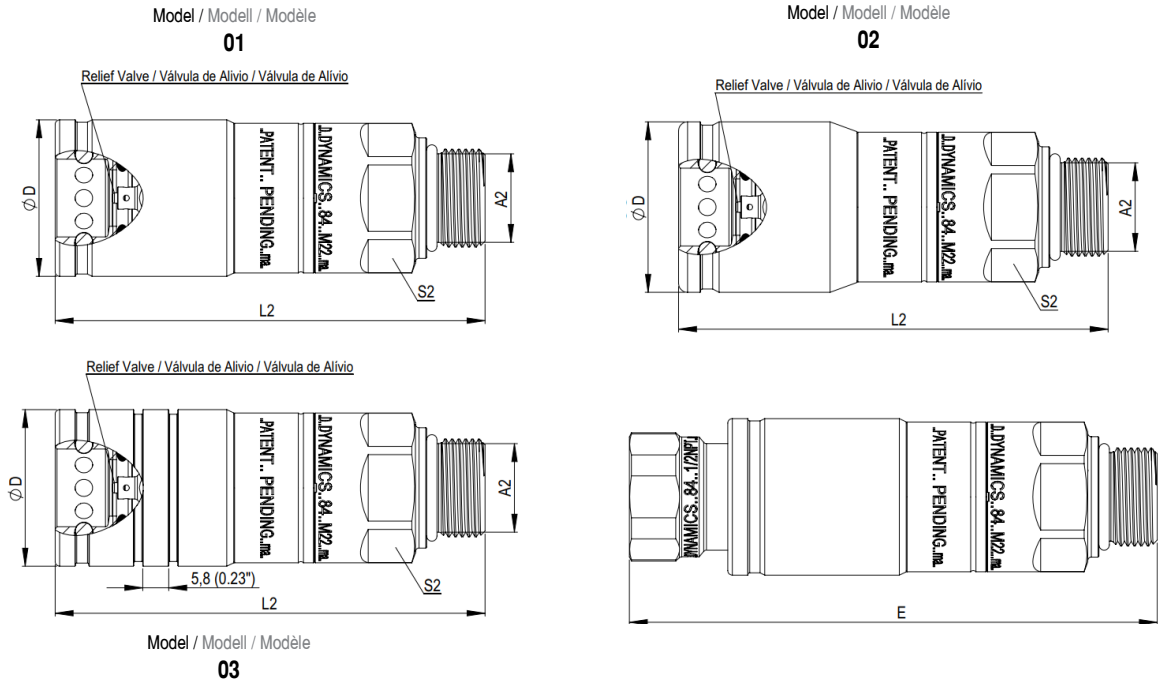


Male / Männlich / Homme

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)	ØC mm (in)	Weight Gewicht Poids g	Stock Lagerbestand Stock
12,7 (1/2")	115.084250.B	M22x1,50 ORB (int.)	ISO 6149	74 - 96	45,0 (1.77")	27,0 (1.1/16")	20,5 (0.81")	93 (0.21)	🔍
	115.084251.B	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	42,1 (1.66")	27,0 (1.1/16")	20,5 (0.81")	98 (0.22)	✓
	115.084252.B	1/2" BSP (int.)	DIN 3852-2	60 - 80	43,1 (1.70")	27,0 (1.1/16")	20,5 (0.81")	98 (0.22)	✓
	115.084253.B	3/4" UNF ORB (int.)	SAE J1926	48 - 62	42,1 (1.66")	27,0 (1.1/16")	20,5 (0.81")	99 (0.22)	✓
	115.084254.B	7/8" UNF ORB (int.)	SAE J1926	58 - 74	45,0 (1.77")	27,0 (1.1/16")	20,5 (0.81")	93 (0.21)	✓
	115.084224.BD	1" UNS ORFS (int.)	SAE J1453	58 - 70	61,1 (2.41")	30,0 (1.3/16")	20,5 (0.81")	152 (0.34)	🔍
	115.084235.BD	M14x1,50 DKO L12 (ext.)	ISO 8434-1-L	20 - 28	59,1 (2.33")	22,2 (7/8")	20,5 (0.81")	139 (0.31)	🔍
	115.084237.BD	M18x1,50 DKO L12 (ext.)	ISO 8434-1-L	46 - 60	60,6 (2.39")	22,2 (7/8")	20,5 (0.81")	129 (0.28)	✓
	115.084239.BD	M26x1,50 DKO L18 (ext.)	ISO 8434-1-L	100 - 125	62,1 (2.44")	27,0 (1.1/16")	20,5 (0.81")	145 (0.32)	🔍
	115.084254.BD	1.3/16" UN ORFS (ext.) BHS	SAE J1453	106 - 134	84,3 (3.32")	31,8 (1.1/4")	20,5 (0.81")	297 (0.65)	🔍
	115.084276.BD	M22x1,50 ORB (ext.)	ISO 6149	74 - 96	67,2 (2.65")	27,0 (1.1/16")	20,5 (0.81")	163 (0.36)	🔍

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

✓	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)	ØD mm (in)	E mm (in)	Weight Gewicht Poids g	Model Modell Modèle	Stock Lagerbestand Stock
12,7 (1/2")	117.084641.Y	1/2" NPTF (int.)	1/2" NPTF (int.)	52 - 66	101,4 (3.99")	30,0	35,0 (1.38")	L1+L2-20 (0.79")	444 (0.98)	01	
	117.084642.Y	1/2" BSP (int.)	1/2" BSP (int.)	60 - 80	100,7 (9.96")	(1.3/16")	35,0 (1.38")	L1+L2-20 (0.79")	441 (0.97)	01	
	117.084646.Y	1/2" BSP (ext.)	1/2" BSP (ext.)	60 - 80	99,8 (3.93")	30,0	35,0 (1.38")	L1+L2-20 (0.79")	389 (0.86)	01	
	117.084649.Y	3/8" BSP (ext.)	3/8" BSP (ext.)	57 - 69	99,2 (3.91")	(1.3/16")	35,0 (1.38")	L1+L2-20 (0.79")	361 (0.80)	01	
	117.084651.Y	1/2" BSP (ext.)	1/2" BSP (ext.)	60 - 80	98,5 (3.88")	30,0	35,0 (1.38")	L1+L2-20 (0.79")	386 (0.85)	01	
	117.084653.Y	13/16" UN ORFS (ext.)	13/16" UN ORFS (ext.)	42 - 52	95,4 (3.76")	(1.3/16")	35,0 (1.38")	L1+L2-20 (0.79")	369 (0.81)	01	
	117.084654.Y	M18x1,50 L12 (ext.) BHS	M18x1,50 L12 (ext.) BHS	46 - 60	109,2 (4.30")	25,4 (1")	35,0 (1.38")	L1+L2-20 (0.79")	389 (0.86)	01	
	117.084655.Y	M22x1,50 L15 (ext.) BHS	M22x1,50 L15 (ext.) BHS	74 - 96	108,8 (4.28")	27,0	35,0 (1.38")	L1+L2-20 (0.79")	392 (0.86)	01	
	117.084656.Y	M26x1,50 L185 (ext.) BHS	M26x1,50 L185 (ext.) BHS	100 - 125	109,7 (4.32")	(1.1/16")	35,0 (1.38")	L1+L2-20 (0.79")	419 (0.92)	01	
	117.084657.Y	M18x1,50 ORB (ext.)	M18x1,50 ORB (ext.)	40 - 50	97,9 (3.85")	30,0	35,0 (1.38")	L1+L2-20 (0.79")	364 (0.80)	01	
	117.084658.Y	M22x1,50 ORB (ext.)	M22x1,50 ORB (ext.)	74 - 96	95,7 (3.77")	(1.3/16")	35,0 (1.38")	L1+L2-20 (0.79")	369 (0.81)	01	
	117.084659.Y	M27x2,00 ORB (ext.)	M27x2,00 ORB (ext.)	120 - 150	89,6 (3.53")	30,0	35,0 (1.38")	L1+L2-20 (0.79")	369 (0.81)	01	
	117.084664.Y	3/4" UNF ORB (ext.)	3/4" UNF ORB (ext.)	48 - 62	95,9 (3.78")	(1.3/16")	35,0 (1.38")	L1+L2-20 (0.79")	359 (0.79)	01	
	117.084665.Y	7/8" UNF ORB (ext.)	7/8" UNF ORB (ext.)	58 - 74	95,4 (3.76")	30,0	35,0 (1.38")	L1+L2-20 (0.79")	369 (0.81)	01	
	117.084666.Y	1.1/16" UN ORB (ext.)	1.1/16" UN ORB (ext.)	90 - 116	88,6 (3.49")	(1.3/16")	35,0 (1.38")	L1+L2-20 (0.79")	370 (0.82)	01	
	117.084658.X	M22x1,50 ORB (ext.)	M22x1,50 ORB (ext.)	74 - 96	95,7 (3.77")	30,0	38,1 (1.50")	L1+L2-20 (0.79")	421 (0.93)	02	
	117.084641.W*	1/2" NPTF (int.)	1/2" NPTF (int.)	52 - 66	101,4 (3.99")	(1.3/16")	38,1 (1.50")	L1+L2-20 (0.79")	474 (1.04)	03	

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

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

	* Retaining Ring / O-Ring / Joint Torique = 451.501035.0 (Ø35 mm) Sold separately / Separat erhältlich / Vendu séparément
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