

Multi-Coupling 5 Lines (Y280000KX Series)

Mehrfachkupplung 5 Leitungen (Serie Y280000KX)

Accouplement Multiple 5 Lignes (Série Y280000KX)

Applications / Anwendung / Applications



Features

Description: mutual connection of 5 hydraulic lines.
Available sizes: (3L: 1/4" & 2L: 3/8") | (5L: 3/8") | (4L: 3/8" & 1L: 1/2") | (5L: 1/2")

Main fluid of passage: hydraulic oil

Connection: pressing the red button to allow the movement of the handle, followed by the alignment of the guide pins of the mobile half in the guide holes of the fixed manifold, allowing the joining of both parts

Disconnection: press the red button to allow the handler retraction

Connection under pressure: allowed

Material: carbon steel, nylon and aluminum

Surface treatment: carbon steel treated with zinc nickel plating and aluminum components in black anodized

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

Beschreibung: Gegenseitige Verbindung von 5 hydraulischen Leitungen.

Größe verfügbar: (3L: 1/4" & 2L: 3/8") | (5L: 3/8") | (4L: 3/8" & 1L: 1/2") | (5L: 1/2")

Hauptdurchflussmedium: hydrauliköl

Verbindung: rotes knopf drücken, um die bewegung des hebels zu ermöglichen, gefolgt von der ausrichtung der führungsbolzen des beweglichen teils in den führungs-löchern des festen teils, um das verbinden beider teile zu ermöglichen

Trennung: Rotes Knopf drücken, um das Zurückziehen des Hebels zu ermöglichen

Verbindung unter Druck: erlaubt

Material: Kohlenstoffstahl, Aluminium und Nylon

Oberflächenbehandlung: bauteile aus kohlenstoffstahl sind verzinkt, bauteile aus aluminium sind schwarz eloxiert

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

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

Andere Dichtungen und Gewinde auf Anfrage

Propriétés

Description: Connexion mutuelle de 5 lignes hydrauliques.

Taille disponible: (3L: 1/4" & 2L: 3/8") | (5L: 3/8") | (4L: 3/8" & 1L: 1/2") | (5L: 1/2")

Fluide principal: huile hydraulique

Connexion: Appuyer sur le bouton rouge pour permettre le mouvement du levier, puis aligner les broches de guidage de l'ensemble mobile dans les trous de guidage de la partie fixe, ce qui permet de joindre les deux parties

Déconnexion: Appuyer sur le bouton rouge pour permettre le retrait du levier

Connexion sous pression: autorisée

Matériaux: acier au carbone, aluminium et nylon

Traitement de surface: composants en acier au carbone traités au zinc-nickel, composants en aluminium anodisés en noir

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

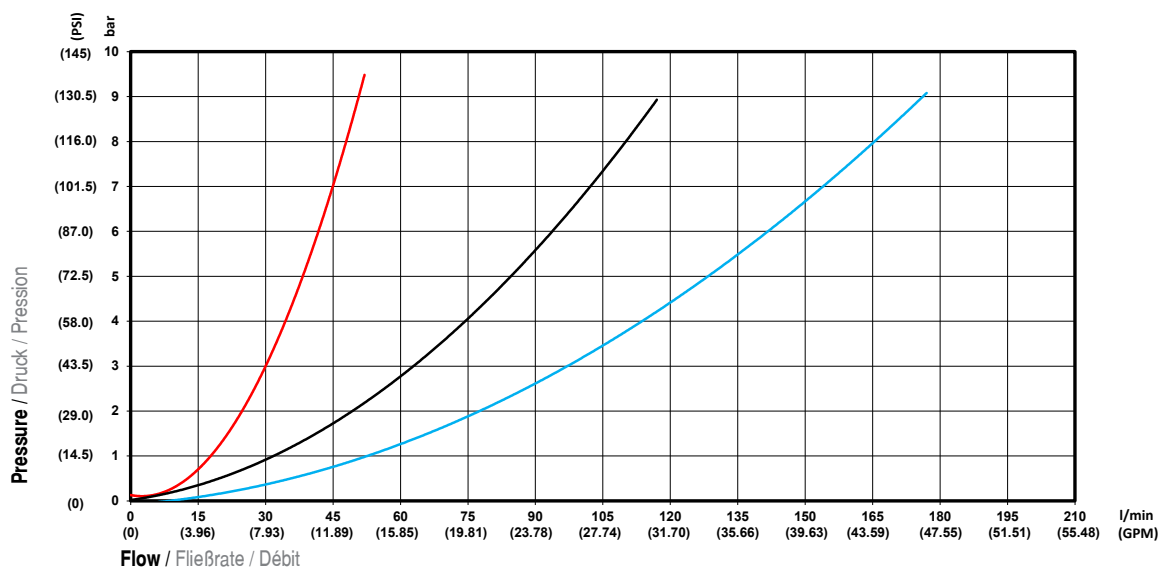
Température de travail: -25°C (-13°F) à 100°C (212°F)

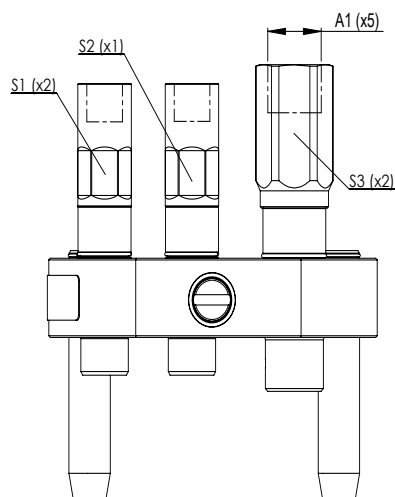
Autres joints et filetages sur demande

Technical Information / Technische Information / Informations Techniques

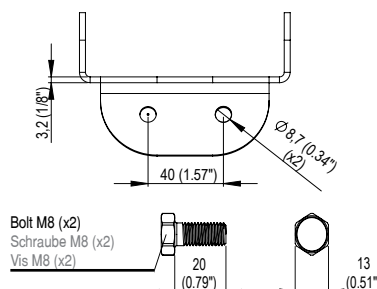
Size Größe Taille mm (in)	Rated Flow with 2 bar (29 PSI) of pressure drop Nenndurchfluss mit Verlust von 2 bar Druck (29 PSI) Débit nominal avec perte de Pression de 2 bars (29 PSI) L/min (GPM)	Maximum Working Pressure Maximaler Arbeitsdruck Pression de Service Maximale bar (PSI) bar (PSI)	Fluid loss during disconnection (14 PSI) Ölverlust beim trennen (1 bar) Perte d'huile lors de la décon- nexion (1 bar) ml (oz)
3L: 6,4 (1/4") 2L: 9,5 (3/8")	6,4 (1/4"): 24 (6.34) 9,5 (3/8"): 50 (13.21)	300 (4,351)	0,040 (0.0014)
5L: 9,5 (3/8")	9,5 (3/8"): 50 (13.21)	300 (4,351)	0,040 (0.0014)
4L: 9,5 (3/8") 1L: 12,7 (1/2")	9,5 (3/8"): 50 (13.21) 12,7 (1/2"): 79 (20.87)	250 (3,626)	0,042 (0.0014)
5L: 12,7 (1/2")	79 (20.87)	250 (3,626)	0,050 (0.0017)

Pressure Drop / Ladungsverlust / Perte de Cargaion





Docking for Mobile Half
Stütze für den Beweglichen Teil
Support pour la Partie Mobile



Size Größe Taille mm (in)	Code Code Code
5L: 9.5 (3/8")	158.280235.J
4L: 9.5 (3/8") & 1L: 12.7 (1/2")	158.280345.J
5L: 12.7 (1/2")	158.280436.J

- To order a product with holder, you should add the number "9" at the end of the product code. Ex.: 115.280285.Y9
- Um ein Produkt mit enthaltenem Support anzufordern, fügen Sie bitte eine "9" am Ende des Produktcodes hinzu. z.B.: 115.280285.Y9
- Pour demander un produit avec support inclus, veuillez ajouter le chiffre "9" à la fin du code produit. Ex.: 115.280285.Y9

Mobile Half / Bewegliches Teil / Partie Mobile

Tamanho Tamaño Size mm (in)	Código Código Part Number	Nº de Engates Nº de Acoples Nº of Couplers	A1 Rosca Rosca Thread	Norma da Rosca Norma de la Rosca Thread Standard	Torque Torque Torque Nm	S1 mm (in)	S2 mm (in)	S3 mm (in)	Peso Peso Weight g (lb)	Estoque Stock Stock
3L: 6,4 (1/4") 2L: 9,5 (3/8")	115.280803.Y*	5/5	9/16" UNF ORB (int.) 3x & 3/4" UNF ORB (int.) 2x	SAE J1926	----	15,9 (5/8")	15,9 (5/8")	23,8 (13/16")	2.179 (4.80)	🔍
	115.280805.Y*	5/5	11/16" UN ORFS (ext.) 3x & 13/16" UN ORFS (ext.) 2x	SAE J1453	----	15,9 (5/8")	15,9 (5/8")	22,2 (7/8")	2.383 (5.25)	🔍
	115.280807.Y*	5/5	M14x1,50 L8 (ext.) 3x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	15,9 (5/8")	15,9 (5/8")	22,2 (7/8")	2.383 (5.25)	🔍
	115.280835.Y	3/5	M14x1,50 L8 (ext.) 3x	ISO 8434-1	----	15,9 (5/8")	15,9 (5/8")	----	1.889 (4.16)	🔍
	115.280839.Y	4/5	M14x1,50 L8 (ext.) 2x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	15,9 (5/8")	----	23,8 (13/16")	1.919 (4.23)	🔍
	115.280851.Y	5/5	11/16" UN ORFS (ext.) 3x & 13/16" UN ORFS (ext.) 2x	SAE J1453	----	15,9 (5/8")	15,9 (5/8")	22,2 (7/8")	2.403 (5.30)	🔍
5L: 9,5 (3/8")	115.280855.Y	5/5	M14x1,50 L8 (ext.) 3x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	15,9 (5/8")	15,9 (5/8")	22,2 (7/8")	2.403 (5.30)	✓
	115.280885.Y	5/5	9/16" UNF ORB (int.) 3x & 3/4" UNF ORB (int.) 2x	SAE J1926	----	15,9 (5/8")	15,9 (5/8")	23,8 (13/16")	2.199 (4.85)	🔍
	115.280205.Y*	5/5	9/16" UNF ORB (int.) 3x & 3/4" UNF ORB (int.) 2x	SAE J1926	----	22,2 (7/8")	22,2 (7/8")	23,8 (13/16")	1.299 (2.86)	🔍
	115.280207.Y*	5/5	M14x1,50 L8 (ext.) 3x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	22,2 (7/8")	22,2 (7/8")	22,2 (7/8")	1.503 (3.31)	✓
	115.280211.Y*	5/5	11/16" UN ORFS (ext.) 3x & 13/16" UN ORFS (ext.) 2x	SAE J1453	----	22,2 (7/8")	22,2 (7/8")	22,2 (7/8")	1.503 (3.31)	🔍
	115.280235.Y	3/5	M14x1,50 L8 (ext.) 3x	ISO 8434-1	----	22,2 (7/8")	22,2 (7/8")	----	1.009 (2.22)	✓
4L: 9,5 (3/8") 1L: 12,7 (1/2")	115.280239.Y	4/5	M14x1,50 L8 (ext.) 2x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	22,2 (7/8")	----	23,8 (13/16")	1.029 (2.27)	🔍
	115.280251.Y	5/5	11/16" UN ORFS (ext.) 3x & 13/16" UN ORFS (ext.) 2x	SAE J1453	----	22,2 (7/8")	22,2 (7/8")	22,2 (7/8")	1.523 (3.36)	🔍
	115.280255.Y	5/5	M14x1,50 L8 (ext.) 3x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	22,2 (7/8")	22,2 (7/8")	22,2 (7/8")	1.523 (3.36)	🔍
	115.280285.Y	5/5	9/16" UNF ORB (int.) 3x & 3/4" UNF ORB (int.) 2x	SAE J1926	----	22,2 (7/8")	22,2 (7/8")	23,8 (13/16")	1.319 (2.91)	🔍
	115.280359.Y	5/5	M22x1,50 L15 (ext.) 5x	ISO 8434-1-L	74 - 96	19,1 (3/4")	22,2 (7/8")	19,1 (3/4")	1.646 (3.63)	🔍
	115.280371.Y	5/5	3/8" BSP (int.) 4x & 1/2" BSP (int.) 1x	DIN 3852-2	----	19,1 (3/4")	19,1 (3/4")	25,4 (1")	1.406 (2.29)	🔍
5L: 12,7 (1/2")	115.280473.Y	5/5	1/2" BSP (int.) 5x	DIN 3852-2	72 - 88	22,2 (7/8")	22,2 (7/8")	22,2 (7/8")	2.162 (4.77)	🔍
	115.280475.Y	5/5	3/4" BSP (int.) 5x	DIN 3852-2	120 - 150	30,0 (1.3/16")	30,0	30,0 (1.3/16")	2.661 (5.87)	🔍
	115.280479.Y	5/5	1/2" NPTF (int.) 5x	ANSI B1.20.3	52 - 66	22,2 (7/8")	(1.3/16")	22,2 (7/8")	2.170 (4.78)	🔍
	115.280485.Y	5/5	3/4" UNF ORB (int.) 5x	SAE J1926	48 - 62	22,2 (7/8")	22,2 (7/8")	22,2 (7/8")	2.176 (4.79)	🔍
	115.280489.Y	5/5	1.1/16" UN ORB (int.) 5x	SAE J1926	90 - 116	30,0 (1.3/16")	22,2 (7/8")	30,0 (1.3/16")	2.656 (5.86)	🔍

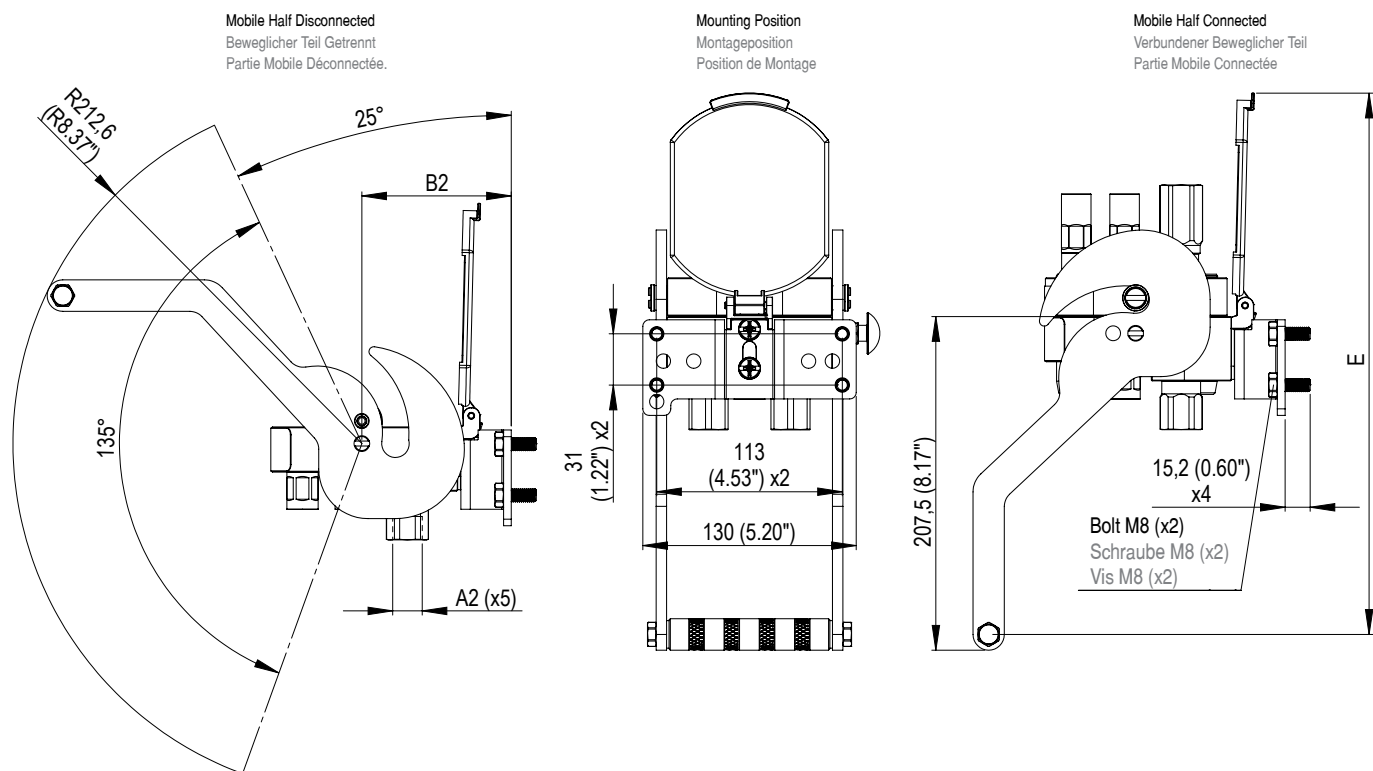
*Uma das linhas não acopla sobre pressão.

*Una de las líneas no conecta bajo presión.

*One of the lines does not connect under pressure.

(int.) Rosca Interna / Rosca Interna / Internal Thread
(ext.) Rosca Externa / Rosca Externa / External Thread

✓ Disponível / Disponible / Available
🔍 Sob Consulta / Bajo Pedido / On Request



Fixed Half / Fester Teil / Partie Fixe

Tamanho Tamaño Size mm (in)	Código Código Part Number	Nº de Engates Nº de Acoples Nº of Couplers	A2 Rosca Rosca Thread	Norma da Rosca Norma de la Rosca Thread Standard	Torque Torque Torque Nm	B2 mm (in)	E mm (in)	Peso Peso Weight g (lb)	Estoque Stock Stock
3L: 6,4 (1/4") 2L: 9,5 (3/8")	117.280814.K	2/5	9/16" UNF ORB (int.) 2x	SAE J1926	26 - 34	90,9 (3.58")	337,1 (13.27")	2.475 (5.46)	✓
	117.280818.K	2/5	M14x1,50 L8 (ext.) 2x	ISO 8434-1	20 - 28	90,9 (3.58")	337,1 (13.27")	2.521 (5.56)	🔍
	117.280826.K	2/5	3/8" BSP (int.) 2x	DIN 3852-2	40 - 55	90,9 (3.58")	337,1 (13.27")	2.597 (5.73)	🔍
	117.280828.K	2/5	1/2" BSP (int.) 2x	DIN 3852-2	60 - 80	90,9 (3.58")	337,1 (13.27")	2.609 (5.75)	🔍
	117.280830.K	2/5	3/4" UNF ORB (int.) 2x	SAE J1926	48 - 62	90,9 (3.58")	337,1 (13.27")	2.599 (5.73)	🔍
	117.280834.K	3/5	M14x1,50 L8 (ext.) 3x	ISO 8434-1	20 - 28	90,9 (3.58")	337,1 (13.27")	2.662 (5.87)	🔍
	117.280836.K	3/5	M14x1,50 L8 (ext.) 1x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	90,9 (3.58")	337,1 (13.27")	2.812 (6.20)	🔍
	117.280838.K	4/5	M14x1,50 L8 (ext.) 2x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	90,9 (3.58")	337,1 (13.27")	2.923 (6.44)	🔍
	117.280850.K	5/5	11/16" UN ORFS (ext.) 3x & 13/16" UN ORFS (ext.) 2x	SAE J1453	----	90,9 (3.58")	337,1 (13.27")	2.974 (6.16)	✓
	117.280854.K	5/5	M14x1,50 L8 (ext.) 3x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	90,9 (3.58")	337,1 (13.27")	2.974 (6.16)	🔍
5L: 9,5 (3/8")	117.280884.K	5/5	9/16" UNF ORB (int.) 3x & 3/4" UNF ORB (int.) 2x	SAE J1926	----	90,9 (3.58")	337,1 (13.27")	2.746 (6.05)	🔍
	117.280218.K	2/5	M14x1,50 L8 (ext.) 2x	ISO 8434-1	20 - 28	66,9 (2.63")	307,0 (12.08")	2.135 (4.71)	🔍
	117.280228.K	2/5	1/2" BSP (int.) 2x	DIN 3852-2	60 - 80	66,9 (2.63")	307,0 (12.08")	2.018 (4.45)	🔍
	117.280230.K	2/5	3/4" UNF ORB (int.) 2x	SAE J1926	48 - 62	66,9 (2.63")	307,0 (12.08")	2.009 (4.43)	✓
	117.280234.K	3/5	M14x1,50 L8 (ext.) 3x	ISO 8434-1	20 - 28	66,9 (2.63")	307,0 (12.08")	2.235 (4.93)	🔍
	117.280236.K	3/5	M14x1,50 L8 (ext.) 1x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	66,9 (2.63")	307,0 (12.08")	2.135 (4.71)	🔍
	117.280238.K	4/5	M14x1,50 L8 (ext.) 2x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	66,9 (2.63")	307,0 (12.08")	2.258 (4.98)	🔍
	117.280250.K	5/5	11/16" UN ORFS (ext.) 3x & 13/16" UN ORFS (ext.) 2x	SAE J1453	----	66,9 (2.63")	307,0 (12.08")	2.258 (4.98)	✓
	117.280254.K	5/5	M14x1,50 L8 (ext.) 3x & M24x1,50 S16 (ext.) 2x	ISO 8434-1	----	66,9 (2.63")	307,0 (12.08")	2.258 (4.98)	🔍
	117.280284.K	5/5	9/16" UNF ORB (int.) 3x & 3/4" UNF ORB (int.) 2x	SAE J1926	----	66,9 (2.63")	307,0 (12.08")	2.379 (5.245)	🔍
4L: 9,5 (3/8") 1L: 12,7 (1/2")	117.280358.K	5/5	M22x1,50 L15 (ext.) 5x	ISO 8434-1-L	----	71,7 (2.82")	316,6 (12.46")	2.711 (5.98)	🔍
5L: 12,7 (1/2")	117.280370.K	5/5	3/8" BSP (int.) 4x & 1/2" BSP (int.) 1x	DIN 3852-2	----	71,7 (2.82")	316,6 (12.46")	2.393 (5.28)	🔍
	117.280472.K	5/5	1/2" BSP (int.) 5x	DIN 3852-2	60 - 80	94,5 (3.72")	332,1 (13.08")	3.959 (8.57)	🔍
	117.280474.K	5/5	3/4" BSP (int.) 5x	DIN 3852-2	100 - 130	94,5 (3.72")	332,1 (13.08")	4.038 (8.90)	🔍
	117.280484.K	5/5	3/4" UNF ORB (int.) 5x	SAE J1926	48 - 62	94,5 (3.72")	332,1 (13.08")	3.889 (8.57)	🔍
	117.280485.K	5/5	1.1/16" UN ORB (int.) 5x	SAE J1926	90 - 116	94,5 (3.72")	332,1 (13.08")	4.033 (8.89)	🔍

(int.) Rosca Interna / Rosca Interna / Internal Thread

(ext.) Rosca Externa / Rosca Externa / External Thread

✓ Disponível / Disponible / Available

🔍 Sob Consulta / Bajo Pedido / On Request