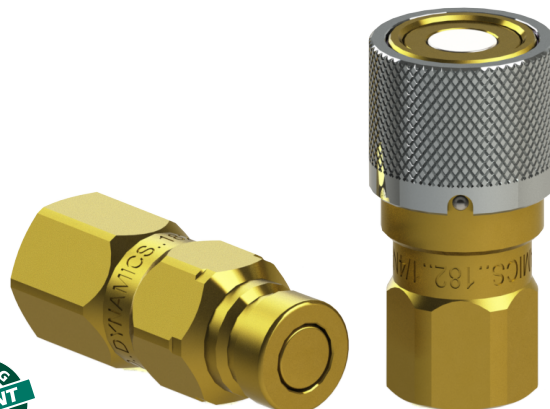


Flat Face Brass (N180800LM Series)

Flachdichtung Aus Messing (Serie N180800LM)

Joint Plat en Laiton (Série N180800LM)

Applications / Anwendung / Applications



Features

Main fluid of passage: water, hydraulic or refrigerant oil

Connection: pushing the male coupling

Disconnection: align the groove of the sleeve with the locking balls; then retract the sleeve

Connection under pressure: not allowed

Disconnection under pressure: not allowed

Interchangeability: ISO 16028 Series standard

Material: brass, springs and balls made of stainless steel

Surface treatment: sleeve of the female coupler with nickel plating

Seals: FKM (Viton) and backup ring in PTFE

Working temperature: from -4°F to +392°F

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

Eigenschaften

Hauptdurchflussmedium: wasser, hydraulisches öl oder kühlmittel

Verbindung: einrasten des männlichen steckers

Trennung: richten sie den schlitz der hülse mit den sperrkugeln aus und ziehen sie die hülse zurück

Verbindung unter Druck: nicht erlaubt

Trennung unter Druck: nicht erlaubt

Austauschbarkeit: ISO 16028 Standard

Material: Messing, Federn und Kugeln aus edelstahl

Oberflächenbehandlung: vernickelte hülse des weiblichen steckers

Dichtung: FKM (Viton) und Anti-Extrusionsring aus PTFE

Arbeitstemperatur: -20 °C bis +200 °C

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

Propriétés

Fluide principal: eau, huile hydraulique ou réfrigérant

Connexion: enfoncer le raccord mâle

Déconnexion: aligner la rainure du manchon avec les billes de blocage et rétracter le manchon

Connexion sous pression: non autorisée

Déconnexion sous pression: non autorisée

Interchangeabilité: norme ISO 16028

Matériau: laiton, ressorts et billes en acier inoxydable

Traitement de surface: manchon du raccord femelle nickelé

Joint: FKM (Viton) et bague anti-extrusion en PTFE

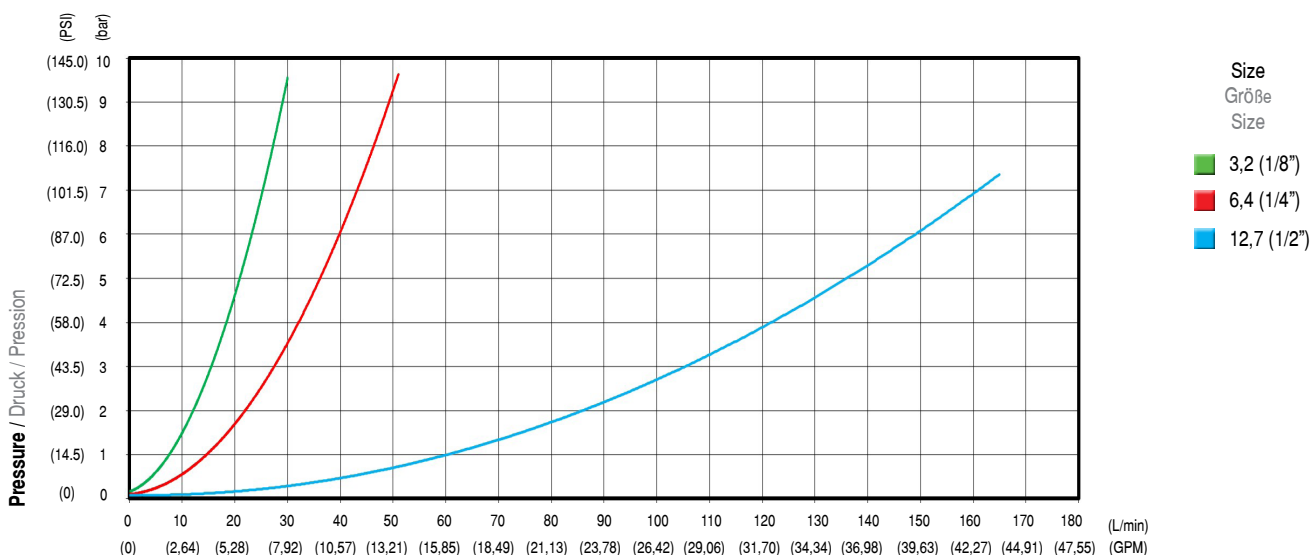
Température de travail: -20 °C bis +200 °C

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

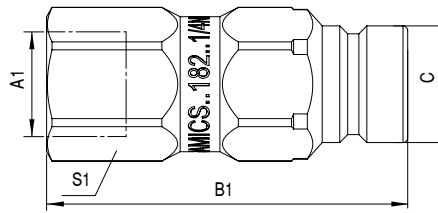
Technical Information / Technische Information / Informations Techniques

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)	
3,2 (1/8")	10 (2.64)	250 (3,626)	-----	-----	-----	0,008 (0.0003)
6,4 (1/4")	23 (6.08)	250 (3,626)	969 (14,060)	1.190 (17,26)	1.176 (17,060)	0,008 (0.0003)
12,7 (1/2")	85 (22.45)	120 (1,740)	850 (12,328)	1.000 (14,504)	1.000 (14,504)	0,010 (0.0003)

Pressure Drop / Ladungsverlust / Perte de Cargaison



Flat Face Made of Brass I-A-F (V.2)

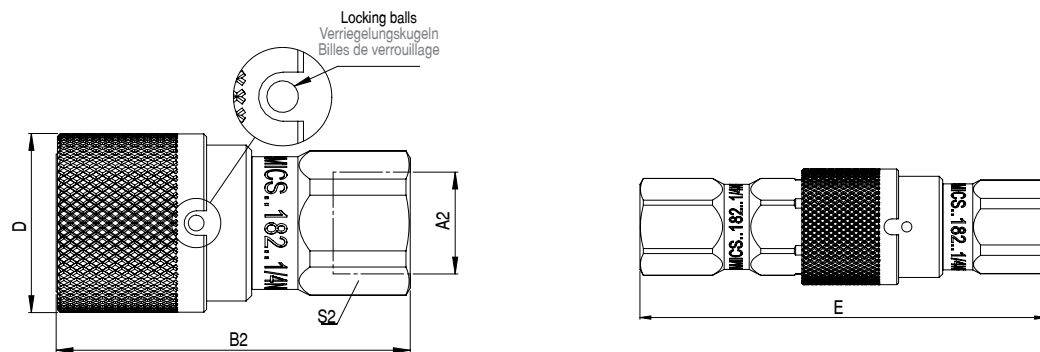


Male / Männlich / Homme

Size Größe Taille mm (in)	Part Number Code Code	A1 Thread Schraube Filetage	Thread Standard Gewindestandard Norme de Filetage	Torque Drehmoment Couple Nm	B1 mm (in)	S1 mm (in)	C Ø mm (in)	Weight Gewicht Poids g (lb)	Stock Lagerbestand Stock
3,2 (1/8")	113.181818.N	1/8" NPT (int.)	ANSI B1.20.1	14 - 20	42,6 (1.68")	15,9 (5/8")	11,6 (0.46")	44 (0.10)	
	113.181819.N	1/8" BSP (int.)	DIN 3852-2	8 - 12	42,6 (1.68")	15,9 (5/8")	11,6 (0.46")	43 (0.09)	
	113.181836.N	1/8" NPT (ext.)	DIN 3852-2	14 - 20	43,3 (1.70")	15,9 (5/8")	11,6 (0.46")	38 (0.08)	
	113.181837.N	1/4" BSP (ext.)	DIN 3852-2	20 - 25	46,8 (1.84")	19,1 (3/4")	11,6 (0.46")	57 (0.13)	
6,4 (1/4")	113.182821.N	1/4" NPT (int.)	ANSI B1.20.1	18 - 26	50,0 (1.97")	19,1 (3/4")	16,2 (0.64")	78 (0.17)	
	113.182822.N	1/4" BSP (int.)	DIN 3852-2	20 - 25	51,0 (2.01")	19,1 (3/4")	16,2 (0.64")	79 (0.17)	
12,7 (1/2")	113.184825.N	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	64,9 (2.56")	27,0 (1.116")	24,5 (0.96")	188 (0.41)	
	113.184826.N	1/2" BSP (int.)	DIN 3852-2	50 - 60	65,9 (2.59")	27,0 (1.116")	24,5 (0.96")	188 (0.41)	
	113.184827.N	3/4" NPT (int.)	ANSI B1.20.1	68 - 88	68,0 (2.68")	33,4 (1.516")	24,5 (0.96")	259 (0.57)	
	113.184828.N	3/4" BSP (int.)	DIN 3852-2	85 - 105	68,0 (2.68")	33,4 (1.516")	24,5 (0.96")	258 (0.57)	

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

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	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")	112.181808.L	1/8" NPT (int.)	ANSI B1.20.1	14 - 20	40,5 (1.59")	14,3 (9/16")	19,1 (0.75")	L1 + L2 -7,5 (0.30")	51 (0.11)	
	112.181810.L	1/8" BSP (int.)	DIN 3852-2	8 - 12	40,5 (1.59")	14,3 (9/16")	19,1 (0.75")	L1 + L2 -7,5 (0.30")	51 (0.11)	
	112.181812.L	1/4" BSP (int.)	DIN 3852-2	24 - 32	45,0 (1.77")	14,3 (9/16")	19,1 (0.75")	L1 + L2 -7,5 (0.30")	58 (0.13)	
6,4 (1/4")	112.182810.L	1/4" NPT (int.)	ANSI B1.20.1	18 - 26	50,5 (1.99")	19,1 (3/4")	25,4 (1.00")	L1 + L2 -11 (0.45")	113 (0.25)	
	112.182811.L	1/4" BSP (int.)	DIN 3852-2	20 - 25	50,5 (1.99")	19,1 (3/4")	25,4 (1.00")	L1 + L2 -11 (0.45")	112 (0.25)	
12,7 (1/2")	112.184814.L	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	75,1 (2.76")	28,6 (1.118")	35 (1.37")	L1 + L2 -17 (0.66")	318 (0.70)	
	112.184815.L	1/2" BSP (int.)	DIN 3852-2	50 - 60	75,1 (2.76")	28,6 (1.118")	35 (1.37")	L1 + L2 -17 (0.66")	314 (0.69)	
	112.184816.L	3/4" NPT (int.)	ANSI B1.20.1	68 - 88	79,0 (3.11")	33,4 (1.516")	35 (1.37")	L1 + L2 -17 (0.66")	344 (0.76)	
	112.184817.L	3/4" BSP (int.)	DIN 3852-2	85 - 105	77,8 (3.06")	33,4 (1.516")	35 (1.37")	L1 + L2 -17 (0.66")	340 (0.75)	

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

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