ERHD 140 (BN140000AM Series)

ERHD 140 (Série BN140000AM)

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Applications / Anwendung / Applications

Features

Main fluid of passage: hydraulic oil
Connection: pulling back the female sleeve
Disconnection: pulling back the female sleeve
Connection under pressure: not allowed
Interchangeability: european profile, except for size 1/2" that follows ISO 7241-1 A Series standard
Material: high-grade carbon steel with heat treated wear parts (sleeve and nipple)
Surface treatment: zinc plating Cr(III)
Seals: NBR (Nitrile Rubber) and backup ring in PTFE
Working temperature: -25ºC (-13ºF) to 100ºC (212ºF)
Others seals and threads on request

Eigenschaften

Hauptdurchflussmittel: hydrauliköl
Verbindung: rückzug der buchse der weiblichen kupplung
Trennung: rückzug der buchse der weiblichen kupplung
Verbindung unter Druck: nicht erlaubt
Interoperabilität: europäisches profil, außer für die größe 1/2", die dem ISO 7241-1 A Series-Standard folgt
Material: Hochwertiger Kohlenstoffstahl mit wärmebehandelten Verschleißteilen (Buchse und Stift)
Oberflächenbehandlung: Dreiwertige Chromatierung Cr(III)
Dichtung: NBR (Nitrilkautschuk) und Anti-Extrusionsring aus PTFE
Betriebstemperatur: -25ºC (-13ºF) bis 100ºC (212ºF)
Weitere Dichtungen und Gewinde auf Anfrage

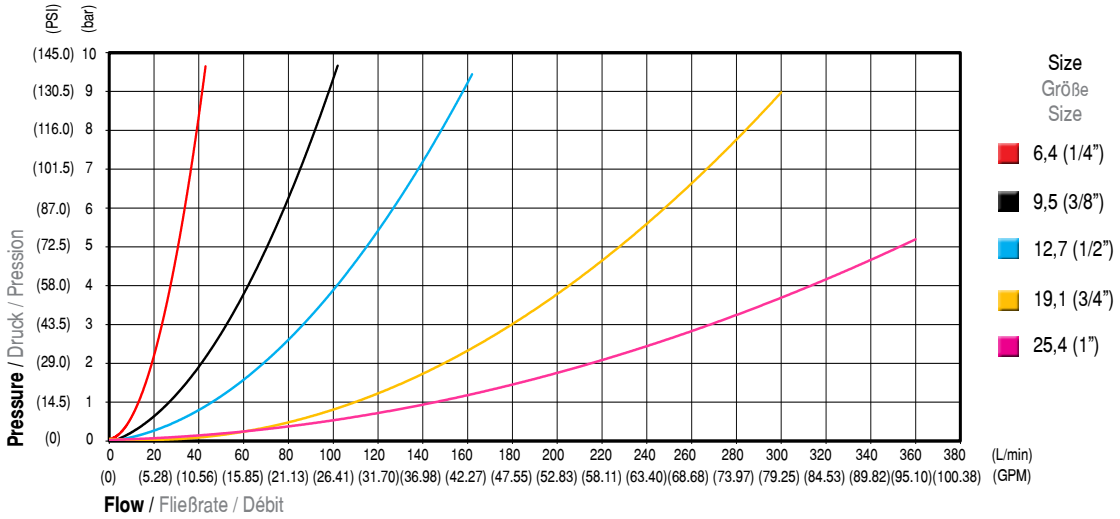
Propriétés

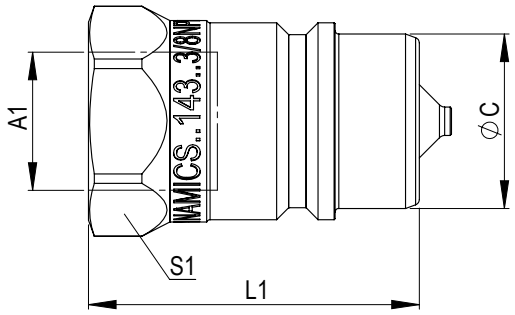
Fluide principal de passage: huile hydraulique
Connexion: retrait du manchon du raccord femelle
Déconnexion: retrait du manchon du raccord femelle
Connexion sous pression: non autorisée
Interchangeabilité: profil européen, sauf pour la taille 1/2" qui suit la norme ISO 7241-1 A Series
Matériau: Acier au carbone de haute qualité avec pièces d'usure traitées thermiquement (manchon et axe)
Traitement de surface: Chromatage trivalent Cr(III)
Joint: NBR (caoutchouc nitrile) et bague anti-extrusion en PTFE
Température de travail: -25ºC (-13ºF) à 100ºC (212ºF)
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)	
6,4 (1/4")	18 (4.75)	350 (5,076)	1.480 (21,465)	1.350 (19,580)	1.270 (18,420)	1,20 (0.041)
9,5 (3/8")	40 (10.56)	300 (4,351)	1.270 (18,420)	1.020 (14,794)	1.090 (15,709)	1,30 (0.044)
12,7 (1/2")	70 (18.49)	270 (3,916)	1.300 (18,855)	1.000 (14,504)	1.110 (16,099)	1,80 (0.061)
19,1 (3/4")	150 (39.63)	250 (3,626)	1.025 (14,866)	900 (13,053)	1.025 (14,866)	4,60 (0.156)
25,4, (1")	220 (58.12)	250 (3,626)	1.200 (17,404)	900 (13,053)	1.010 (14,648)	5,00 (0.169)

Pressure Drop / Ladungsverlust / Perte de Cargaison



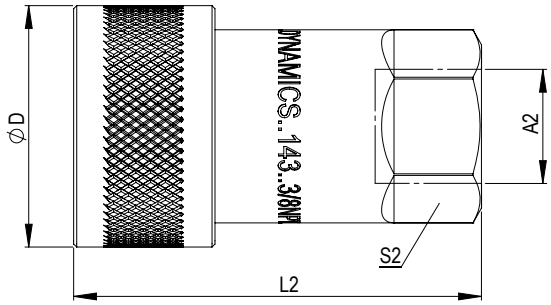


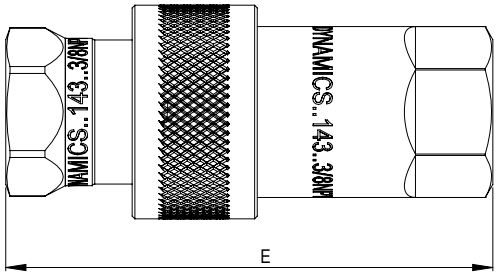
Male / Männlich / Homme

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
6,4 (1/4")	115.142045.B	9/16"UNF ORB (int.)	SAE J1926	26 - 34	35,1 (1.38")	19,1 (3/4")	14,2 (0.56")	35 (0.08)	✓
	115.142047.B	1/4" NPT (int.)	ANSI B1.20.1	18 - 26	33,2 (1.31")	19,1 (3/4")	14,2 (0.56")	36 (0.08)	🔍
	115.142048.B	1/4" BSP (int.)	DIN 3852-2	24 - 32	35,7 (1.40")	19,1 (3/4")	14,2 (0.56")	40 (0.09)	🔍
	115.142032.BH	7/16" UNF ORB (ext.)	SAE J1926	16 - 22	50.2 (1.97")	19,1 (3/4")	14,2 (0.56")	60 (0.12)	🔍
9,5 (3/8")	115.143049.B	3/8" NPT (int.)	ANSI B1.20.1	30 - 40	36,0 (1.42")	22,2 (7/8")	19,0 (0,75")	59 (0.13)	🔍
	115.143050.B	3/8" BSP (int.)	DIN 3852-2	40 - 55	37,0 (1.45")	22,2 (7/8")	19,0 (0,75")	60 (0.13)	🔍
	115.143053.N	9/16"UNF ORB (int.)	SAE J1926	26 - 34	35,1 (1.38")	22,2 (7/8")	19,0 (0,75")	61 (0.13)	🔍
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)	🔍
19,1 (3/4")	115.145054.B	3/4" BSP (int.)	DIN 3852-2	100 - 130	52,9 (2.08")	33,4 (1.5/16")	29,1 (1.14")	160 (0.35)	🔍
25,4 (1")	115.146055.B	1" NPT (int.)	ANSI B1.20.1	82 - 108	60,0 (2.36")	39,7 (1.9/16")	31,3 (1.23")	249 (0.55)	🔍
	115.146056.B	1" BSP (int.)	DIN 3852-2	130 - 180	60,0 (2.36")	39,7 (1.9/16")	31,3 (1.23")	245 (0.54)	✓

(int.)	Internal Thread / Innengewinde / Filetage Intérieur
(ext.)	External Thread / Außengewinde / Filetage Extérieur
BHS	Bulkhead Thread / Durchgangsgewinde / Filetage Traversant

✓	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	**Stock** Lagerbestand Stock
6,4 (1/4")	117.142030.A	9/16"UNF ORB (int.)	SAE J1926	26 - 34	52,8 (2.08")	19,1 (3/4")	25,4 (1.00")	L1+L2-16 (0.64")	91 (0.20)	🔍
	117.142033.A	1/4" NPT (int.)	ANSI B1.20.1	18 - 26	50,4 (1.98")	19,1 (3/4")	25,4 (1.00")	L1+L2-16 (0.64")	92 (0.20)	🔍
	117.142034.A	1/4" BSP (int.)	DIN 3852-2	24 - 32	51,9 (2.04")	19,1 (3/4")	25,4 (1.00")	L1+L2-16 (0.64")	94 (0.21)	🔍
9,5 (3/8")	117.143035.A	3/8" NPT (int.)	ANSI B1.20.1	30 - 40	53,7 (2.11")	22,2 (7/8")	31,8 (1.250")	L1+L2-17 (0.67")	143 (0.32)	🔍
	117.143036.A	3/8" BSP (int.)	DIN 3852-2	40 - 55	54,7 (2.15")	22,2 (7/8")	31,8 (1.250")	L1+L2-17 (0.67")	143 (0.32)	🔍
	117.143039.M	9/16"UNF ORB (int.)	SAE J1926	26 - 34	51,8 (2.04")	22,2 (7/8")	31,8 (1.250")	L1+L2-17 (0.67")	142 (0.31)	🔍
12,7 (1/2")	117.084236.A	M22x1,50 ORB (int.)	ISO 6149	74 - 96	64,0 (2.52")	28,6 (1.1/8")	35,0 (1.38")	L1+L2-19 (0.75")	236 (0.52)	🔍
	117.084237.A	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	61,5 (2.42")	25,4 (1")	35,0 (1.38")	L1+L2-19 (0.75")	202 (0.45)	✓
	117.084238.A	1/2" BSP (int.)	DIN 3852-2	60 - 80	62,3 (2.45")	25,4 (1")	35,0 (1.38")	L1+L2-19 (0.75")	201 (0.44)	🔍
	117.084239.A	3/4"UNF ORB (int.)	SAE J1926	48 - 62	61,5 (2.42")	25,4 (1")	35,0 (1.38")	L1+L2-19 (0.75")	203 (0.45)	✓
	117.084241.A	7/8"UNF ORB (int.)	SAE J1926	58 - 74	64,1 (2.52")	28,6 (1.1/8")	35,0 (1.38")	L1+L2-19 (0.75")	237 (0.52)	🔍
19,1 (3/4")	117.145041.A	3/4" BSP (int.)	DIN 3852-2	100 - 130	78,0 (3.07")	33,4 (1.5/16")	44,5 (1.75")	L1+L2-25 (0.97")	388 (0.86)	🔍
25,4 (1")	117.146042.A	1" NPT (int.)	ANSI B1.20.1	82 - 108	87,9 (3.46")	39,7 (1.9/16")	50,8 (2")	L1+L2-28 (1.13")	620 (1.37)	🔍
	117.146043.A	1" BSP (int.)	DIN 3852-2	130 - 180	86,9 (3.42")	39,7 (1.9/16")	50,8 (2")	L1+L2-28 (1.13")	603 (1.33)	✓

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

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