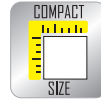


**ISO A Push Pull (Série BN80200EHP)**

**ISO A Push Pull (Serie BN80200EHP)**

**ISO A Push Pull (BN80200EHP Series)**



**Aplicações / Aplicaciones / Applications**



**Propriedades**

**Principal fluido de passagem:** óleo hidráulico  
**Conexão:** empurrando o engate macho (automático), quando a parte fêmea estiver com a luva fixa em um chapa  
**Desconexão:** puxando o engate macho (automático), quando a parte fêmea estiver com a luva fixa em um chapa  
**Conexão sob pressão:** não permitida  
**Intercambiabilidade:** norma ISO 7241-1 Série A  
**Material:** aço carbono de alta qualidade com peças de desgaste tratadas termicamente  
**Tratamento superficial:** zincagem trivalente Cr(III)  
**Vedação:** NBR (Borracha Nitrílica) e anel anti-extrusão em PTFE  
**Temperatura de trabalho:** -25°C (-13°F) até 100°C (212°F)  
 Outras vedações e roscas sob consulta

**Propiedades**

**Principal fluido de pasaje:** aceite hidráulico  
**Conexión:** empujando el acople macho (automático), cuando la parte hembra esté con el casco fijo en una placa  
**Desconexión:** tirando el acople macho (automático), cuando la parte hembra esté con el casco fijo en una placa  
**Conexión bajo presión:** no permitido  
**Intercambiabilidad:** norma ISO 7241-1 Serie A  
**Material:** acero al carbono de alta calidad con piezas de desgaste tratadas térmicamente  
**Tratamiento superficial:** cincado trivalente Cr(III)  
**Sello:** NBR (Goma de Nitrilo) y anillo anti-extrusión de PTFE  
**Temperatura de trabajo:** -25°C (-13°F) hasta 100°C (212°F)  
 Otros sellos y roscas bajo consulta

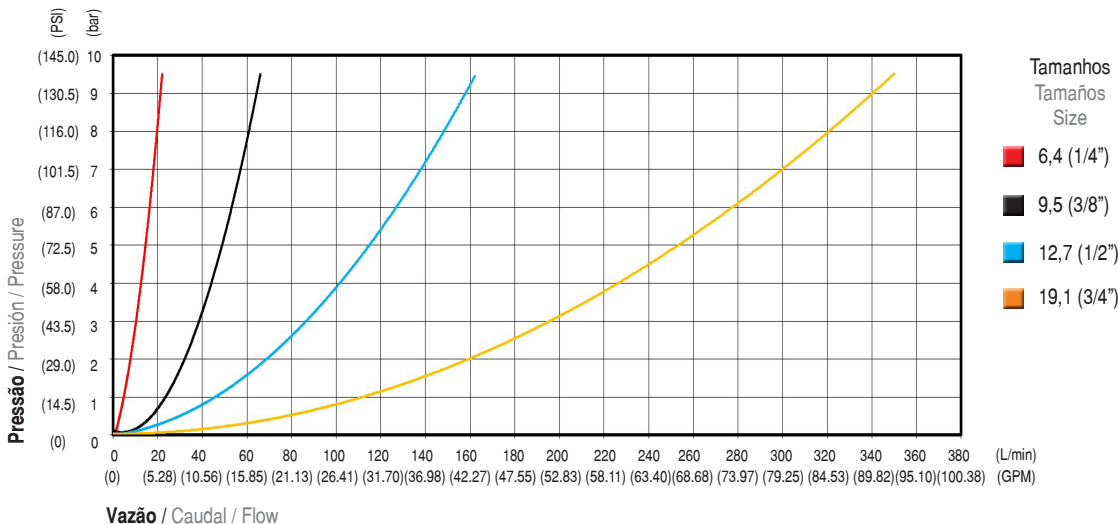
**Features**

**Main fluid of passage:** hydraulic oil  
**Connection:** pushing the male coupling (automatic), when the sleeve of the female coupling is fixed or panel mounted.  
**Disconnection:** pulling the male coupling (automatic), when the sleeve of the female coupling is fixed or panel mounted.  
**Connection under pressure:** not allowed  
**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) and backup ring in PTFE  
**Working temperature:** -25°C (-13°F) to 100°C (212°F)  
 Others seals and threads on request

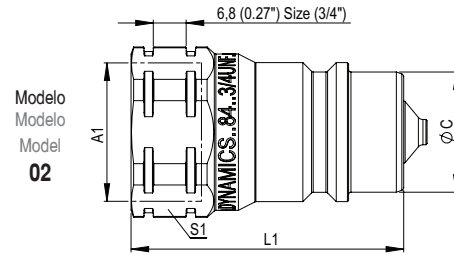
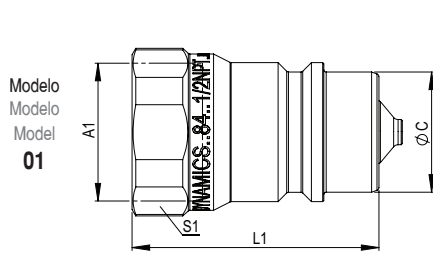
**Informações Técnicas / Informaciones Técnicas / Technical Information**

Tamanho Tamaño Size mm (in)	Vazão Nominal com perda de pressão de 2 bar (29 PSI) Caudal Nominal con pérdida de presión de 2 bar (29 PSI) of pressure drop L/min (GPM)	Pressão Máxima de Trabalho Presión Máx. de Trabajo Maximum Working Pressure bar (PSI)	Pressão de Ruptura Presión de Rotura Burst Pressure			Perda de óleo ao desconectar (1 bar) Pérdida de aceite al desconectar (1 bar) Fluid loss during disconnection (14 PSI) ml (cc)
			Fêmea Hembra Female bar (PSI)	Macho Macho Male bar (PSI)	Conectado Conectado Connected bar (PSI)	
6,4 (1/4")	8 (2.11)	300 (4,351)	1.600 (23,206)	1.460 (21,175)	1.400 (20,305)	0,80 (0.027)
9,5 (3/8")	32 (8.45)	300 (4,351)	1.200 (17,404)	1.140 (16,534)	1.100 (15,954)	1,20 (0.041)
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")	160 (42.27)	250 (3,626)	1.000 (14,503)	900 (13,053)	960 (13,924)	5,00 (0.169)

**Perda de Carga / Pérdida de Presión / Pressure Drop**



# Roscas / Roscas / Threads



## Macho / Macho / Male

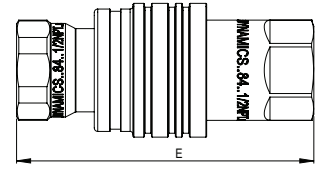
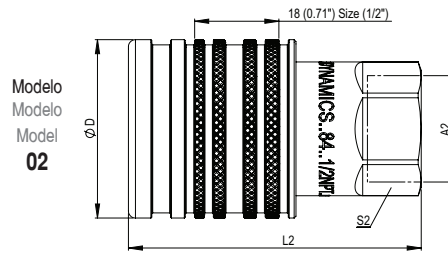
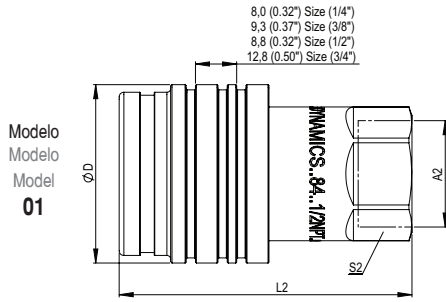
Tamanho Tamaño Size mm (in)	Código Código Part Number	A1 Rosca Rosca Thread	Norma da Rosca Norma de la Rosca Thread Standard	Torque Torque Torque Nm	L1 mm (in)	S1 mm (in)	C Ø mm (in)	Peso Peso Wight g	Modelo Modelo Model	Estoque Stock Stock
6,4 (1/4")	115.071245.B	9/16"UNF ORB (int.)	SAE J1926	26 - 34	32,1 (1.26")	19,1 (3/4")	11,8 (0.46")	28 (0.06)	01	🔍
	115.071247.B	1/4" NPT (int.)	ANSI B1.20.1	18 - 26	30,1 (1.19")	19,1 (3/4")	11,8 (0.46")	29 (0.06)	01	✓
	115.071248.B	1/4" BSP (int.)	DIN 3852-2	24 - 32	32,7 (1.29")	19,1 (3/4")	11,8 (0.46")	33 (0.07)	01	✓
9,5 (3/8")	115.081249.B	3/8" NPT (int.)	ANSI B1.20.1	30 - 40	36,0 (1.42")	22,2 (7/8")	17,3 (0.68")	50 (0.11)	01	✓
	115.081250.B	3/8" BSP (int.)	DIN 3852-2	40 - 56	36,0 (1.42")	22,2 (7/8")	17,3 (0.68")	49 (0.11)	01	✓
	115.081253.N	9/16"UNF ORB (int.)	SAE J1926	26 - 34	34,1 (1.34")	19,1 (3/4")	17,3 (0.68")	40 (0.09)	01	✓
12,7 (1/2")	115.081262.BC	11/16"UN ORFS (ext.)	SAE J1453	32 - 38	53,8 (2.12")	22,2 (7/8")	17,3 (0.68")	89 (0.20)	01	🔍
	115.084250.B	M22x1,50 ORB (int.)	ISO 6149	74 - 96	45,0 (1.77")	27,0 (1.116")	20,5 (0.81")	93 (0.21)	01	✓
	115.084251.B	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	42,1 (1.66")	27,0 (1.116")	20,5 (0.81")	98 (0.22)	01	✓
	115.084252.B	1/2" BSP (int.)	DIN 3852-2	72 - 88	43,1 (1.70")	27,0 (1.116")	20,5 (0.81")	98 (0.22)	01	✓
	115.084253.B	3/4"UNF ORB (int.)	SAE J1926	48 - 62	42,1 (1.66")	27,0 (1.116")	20,5 (0.81")	99 (0.22)	01	✓
	115.084254.B	7/8"UNF ORB (int.)	SAE J1926	58 - 74	45,0 (1.77")	27,0 (1.116")	20,5 (0.81")	93 (0.21)	01	✓
	115.084224.BD	1" UNS ORFS (int.)	SAE J1453	58 - 70	61,1 (2.41")	30,0 (1.316")	20,5 (0.81")	152 (0.34)	01	🔍
	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)	01	🔍
	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)	01	✓
	115.084239.BD	M26x1,50 DKO L18 (ext.)	ISO 8434-1-L	100 - 125	62,1 (2.44")	27,0 (1.116")	20,5 (0.81")	145 (0.32)	01	✓
19,1 (3/4")	115.084254.BD	1.3/16"UN ORFS (ext.) BHS	SAE J1453	106 - 134	84,3 (3.32")	31,8 (1.14")	20,5 (0.81")	297 (0.65)	01	🔍
	115.084276.BD	M22x1,50 ORB (ext.)	ISO 6149	74 - 96	67,2 (2.65")	27,0 (1.116")	20,5 (0.81")	163 (0.36)	01	🔍
	115.085253.B	3/4" NPT (int.)	ANSI B1.20.1	68 - 88	52,9 (2.08")	33,4 (1.516")	29,1 (1.14")	167 (0.37)	01	✓
	115.085254.B	3/4" BSP (int.)	DIN 3852-2	120 - 150	52,9 (2.08")	33,4 (1.516")	29,1 (1.14")	160 (0.35)	01	✓
	115.085267.B*	1.1/16" UN ORB (int.)	SAE J1926	90 - 116	55,5 (2.19")	33,4 (1.516")	29,1 (1.14")	160 (0.35)	02	✓

(int.)	Rosca Interna / Rosca Interna / Internal Thread
(ext.)	Rosca Externa / Rosca Externa / External Thread
BHS	Rosca Passa Parede / Rosca Pasa Pared / Bulkhead Thread

	* Anel Elástico / Anillo Elastico / Retaining Ring = 451.501036.0 (Ø36 mm) Vendido separadamente / Vendido por separado / Sold separately
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✓	Normal de Linha / Disponible / Available
🔍	Sob Consulta / Bajo Pedido / On request

# Roscas / Roscas / Threads



## Fêmea / Hembra / Female

Tamanho Tamaño Size mm (in)	Código Código Part Number	A2 Rosca Rosca Thread	Norma da Rosca Norma de la Rosca Thread Standard	Torque Torque Torque Nm	L2 mm (in)	S2 mm (in)	D Ø mm (in)	E mm (in)	Peso Peso Wight g	Modelo Modelo Model	Estoque Stock Stock
6,4 (1/4")	117.071223.P*	1/4" NPT (int.)	ANSI B1.20.1	18 - 26	44,8 (1.76")	15,0 (19/32")	21,0 (0.83")	L1+L2-13 (0.51")	57 (0.13)	01	✓
9,5 (3/8")	117.083225.P**	3/8" NPT (int.)	ANSI B1.20.1	30 - 40	52,5 (2.07")	19,9 (25/32")	27,0 (1.06")	L1+L2-16 (0.63")	109 (0.24)	01	🔍
	117.083226.P**	3/8" BSP (int.)	DIN 3852-2	40 - 56	52,5 (2.07")	19,9 (25/32")	27,0 (1.06")	L1+L2-16 (0.63")	108 (0.24)	01	🔍
	117.083229.P**	9/16" UNF ORB (int.)	SAE J1926	26 - 34	50,6 (1.99")	19,9 (25/32")	27,0 (1.06")	L1+L2-16 (0.63")	112 (0.25)	01	🔍
	117.084226.P***	M22x1,50 ORB (int.)	ISO 6149	74 - 96	64,8 (2.55")	28,6 (1.1/8")	38,1 (1.50")	L1+L2-20 (0.79")	246 (0.54)	01	✓
	117.084227.P***	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	62,5 (2.46")	25,4 (1")	38,1 (1.50")	L1+L2-20 (0.79")	237 (0.52)	01	✓
	117.084228.P***	1/2" BSP (int.)	DIN 3852-2	72 - 88	62,5 (2.46")	25,4 (1")	38,1 (1.50")	L1+L2-20 (0.79")	234 (0.52)	01	✓
	117.084229.P***	3/4" UNF ORB (int.)	SAE J1926	48 - 62	62,5 (2.46")	25,4 (1")	38,1 (1.50")	L1+L2-20 (0.79")	238 (0.52)	01	✓
	117.084231.P***	7/8" UNF ORB (int.)	SAE J1926	58 - 74	65,1 (2.56")	28,6 (1.1/8")	38,1 (1.50")	L1+L2-20 (0.79")	247 (0.54)	01	✓
12,7 (1/2")	117.084242.E***	11/16" UN ORFS (ext.)	SAE J1453	32 - 38	61,9 (2.44")	22,2 (7/8")	38,1 (1.50")	L1+L2-20 (0.79")	194 (0.43)	01	🔍
	117.084243.E***	13/16" UN ORFS (ext.)	SAE J1453	42 - 52	59,7 (2.35")	22,2 (7/8")	38,1 (1.50")	L1+L2-20 (0.79")	193 (0.43)	01	✓
	117.084245.E***	9/16" UNF JIC (int.)	SAE J514	26 - 34	65,3 (2.57")	22,2 (7/8")	38,1 (1.50")	L1+L2-20 (0.79")	190 (0.42)	01	🔍
	117.084246.E***	3/4" UNF JIC (int.)	SAE J514	48 - 62	67,2 (2.65")	22,2 (7/8")	38,1 (1.50")	L1+L2-20 (0.79")	198 (0.44)	01	🔍
	117.084247.E***	M20x1,50 S12 (ext.)	ISO 8434-1-S	68 - 86	61,5 (2.42")	20,7 (13/16")	38,1 (1.50")	L1+L2-20 (0.79")	186 (0.41)	01	✓
	117.084227.H***	1/2" NPT (int.)	ANSI B1.20.1	52 - 66	62,5 (2.46")	25,4 (1")	38,1 (1.50")	L1+L2-20 (0.79")	258 (0.57)	02	✓
	117.084228.H***	1/2" BSP (int.)	DIN 3852-2	72 - 88	62,5 (2.46")	25,4 (1")	38,1 (1.50")	L1+L2-20 (0.79")	255 (0.56)	02	✓
	117.084229.H***	3/4" UNF ORB (int.)	SAE J1926	48 - 62	62,5 (2.46")	25,4 (1")	38,1 (1.50")	L1+L2-20 (0.79")	259 (0.57)	02	✓
19,1 (3/4")	117.084231.H***	7/8" UNF ORB (int.)	SAE J1926	58 - 74	65,1 (2.56")	28,6 (1.1/8")	38,1 (1.50")	L1+L2-20 (0.79")	268 (0.59)	02	✓
	117.085229.P****	3/4" NPT (int.)	ANSI B1.20.1	68 - 88	79,1 (3.11")	33,4 (1.5/16")	44,0 (1.73")	L1+L2-26 (1.02")	433 (0.95)	01	✓
	117.085231.P****	3/4" BSP (int.)	DIN 3852-2	120 - 150	79,1 (3.11")	33,4 (1.5/16")	44,0 (1.73")	L1+L2-26 (1.02")	431 (0.95)	01	🔍
	117.085235.P****	1.1/16" UN ORB (int.)	SAE J1926	90 - 116	80,6 (3.17")	32,0 (1.9/32")	44,0 (1.73")	L1+L2-26 (1.02")	431 (0.95)	01	🔍

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

\* Anel Elástico / Anillo Elastico / Retaining Ring = 451.501021.0 (Ø21mm)  
 \*\* Anel Elástico / Anillo Elastico / Retaining Ring = 451.501027.0 (Ø27mm)  
 \*\*\* Anel Elástico / Anillo Elastico / Retaining Ring = 451.501038.0 (Ø38mm)  
 \*\*\*\* Anel Elástico / Anillo Elastico / Retaining Ring = 451.501042.0 (Ø42mm)  
 Vendido separadamente / Vendido por separado / Sold separately

✓	Normal de Linha / Disponible / Available
🔍	Sob Consulta / Bajo Pedido / On request