



1077 SERIES TNS PUSH PULL



Manufactured according to ISO 7241-A & ISO 5675 norms.

TECHNICAL SPECIFICATIONS

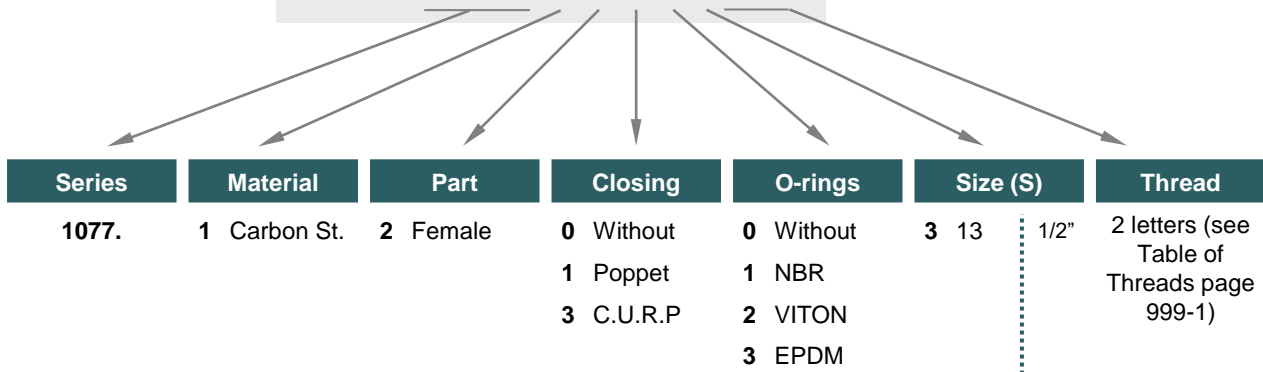
Features:	When the coupling is connected, they can rotate even under pressure thus avoiding any torsional stress in the flexible hoses. Mechanical block of valves is automatic and prevents return line shut down even at high flow rate.										
Operating pressure:	Up to 250 Bar	Available Size: 1/2"									
Materials:	Body: Carbon Steel EN 10277-3 O-rings: NBR / VITON / EPDM Back-up-ring: PTFE Springs: EN 10270-1/SH Balls: AISI 1010/1015	Working Temperature (O-rings)									
Available Threads:	BSP / NPTF / ISO 9974-2 (DIN 3852-11) ISO 11926 (J1926) / ISO 8434-2 (J514/JIC) ISO 6149-2 / ISO 8434-1 (DIN 2353)*	<table border="1"> <tr> <th>NBR</th> <th>Viton</th> <th>EPDM</th> </tr> <tr> <td>+100°C</td> <td>+200°C</td> <td>+150°C</td> </tr> <tr> <td>-30°C</td> <td>-10°C</td> <td>-40°C</td> </tr> </table>	NBR	Viton	EPDM	+100°C	+200°C	+150°C	-30°C	-10°C	-40°C
NBR	Viton	EPDM									
+100°C	+200°C	+150°C									
-30°C	-10°C	-40°C									
Closing System:	Poppet Valve / C.U.R.P.	Sectors: Industrial / Agricultural									
Connection/Disconnection:	Push / Pull										
Connection Under Pressure:	Poppet: Allowed in Male < 250 Bar C.U.R.P.: Allowed in both < 250 Bar	Applications: Designed for Hydraulic Oil (Group II-2014/68/EU) Interchange: Poppet: RSD (Parker) / 3CFPV (Faster) C.U.R.P.: 4SRPV (Faster)									

*Others upon request

MODEL STRUCTURE

Example:

1077.12113 OM



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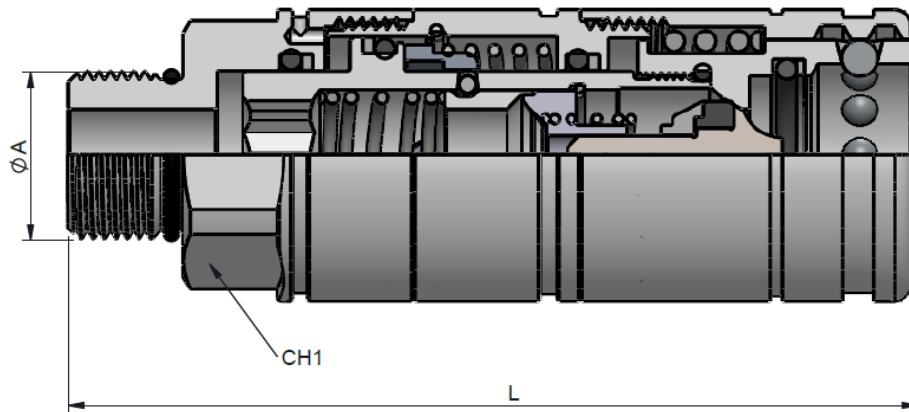
1077 SERIES TNS

POPPET VALVE



Manufactured according to ISO 7241-A & ISO 5675 norms.
Push-pull coupling, connectable with the male under residual pressure.

(S) 13 - 1/2"



(S)	ØA	REF.	THREAD	STANDARD	L	CH	
13	1/2" BSP	1077.12113AD	FEMALE	BS5200	107	32	250
	1/2" NPTF	1077.12113BD	FEMALE	ANSI B1.20.3	107		
	3/4"- 16h UNF	1077.12113GF	FEMALE	SAE J1926-1	107		
	7/8"- 14h UNF	1077.12113GH	FEMALE	SAE J1926-1	109		
	1/2" BSP	1077.12113AO	MALE	BS5200	109		
	3/4"- 16h UNF	1077.12113HF	MALE	SAE J1926-2	108		
	7/8"- 14h UNF	1077.12113HH	MALE	SAE J1926-2	114		
	1 1/16"-12h UN	1077.12113HK	MALE	SAE J1926-2	111		
	M18x1.50	1077.12113OH	MALE	ISO 6149-2	113		
	M22x1.50	1077.12113OM	MALE	ISO 6149-2	111		
	M22x1.5 15L	1077.12113JG	MALE	ISO 8434-1 / DIN 2353	118		
	M30x2 22L	1077.12113JJ	MALE	ISO 8434-1 / DIN 2353	118		
	M22x1.5 14S	1077.12113KG	MALE	ISO 8434-1 / DIN 2353	118		
	M18x1.5 12L	1077.12113LE	BULKHEAD MALE	ISO 8434-1 / DIN 2353	122		
	M22X1.5 15L	1077.12113LG	BULKHEAD MALE	ISO 8434-1 / DIN 2353	122		
	M24x1.5 16S	1077.12113MH	BULKHEAD MALE	ISO 8434-1 / DIN 2353	122		
	3/4"- 16h UNF	1077.12113YF	MALE	ISO 8434-2	111		
	7/8"- 14h UNF	1077.12113YH	MALE	ISO 8434-2	115		
	3/4"- 16h UNF	1077.12113YFP	BULKHEAD MALE	ISO 8434-2	125		
	7/8"- 14h UNF	1077.12113YHP	BULKHEAD MALE	ISO 8434-2	129		
	13/16"- 16h UN	1077.12113ZG	MALE	ISO 8434-3	109		
	1"- 14h UNS	1077.12113ZIP	BULKHEAD MALE	ISO 8434-3	130		
	1 3/16"- 12h UN	1077.12113ZMP	BULKHEAD MALE	ISO 8434-3	137		
M22x1.50	1077.12113QM	MALE	ISO 9974-2 / DIN 3852-11	110			

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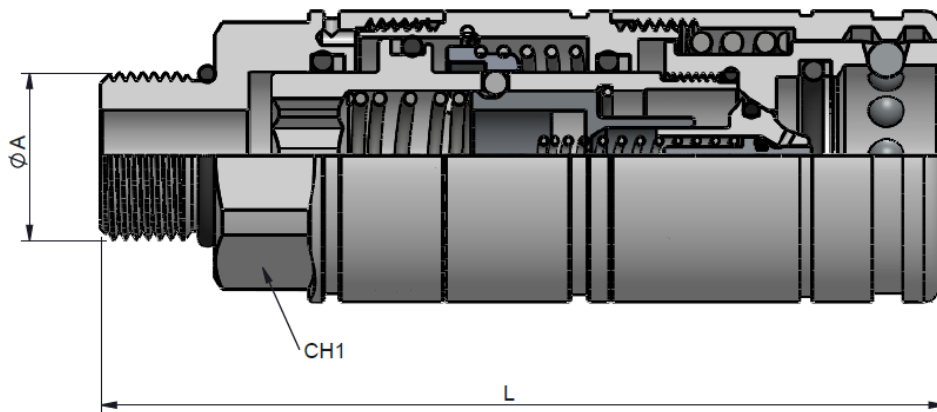
1077 SERIES TNS

C.U.R.P.



Manufactured according to ISO 7241-A & ISO 5675 norms.
Push-pull coupling, connectable under residual pressure in both male and female side

(S) 13 - 1/2"



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13	1/2" BSP	1077.12313AD	FEMALE	BS5200	107	32	250
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	1 3/16"- 12h UN	1077.12313ZMP	BULKHEAD MALE	ISO 8434-3	137		
M22x1.50	1077.12313QM	MALE	ISO 9974-2 / DIN 3852-11	110			

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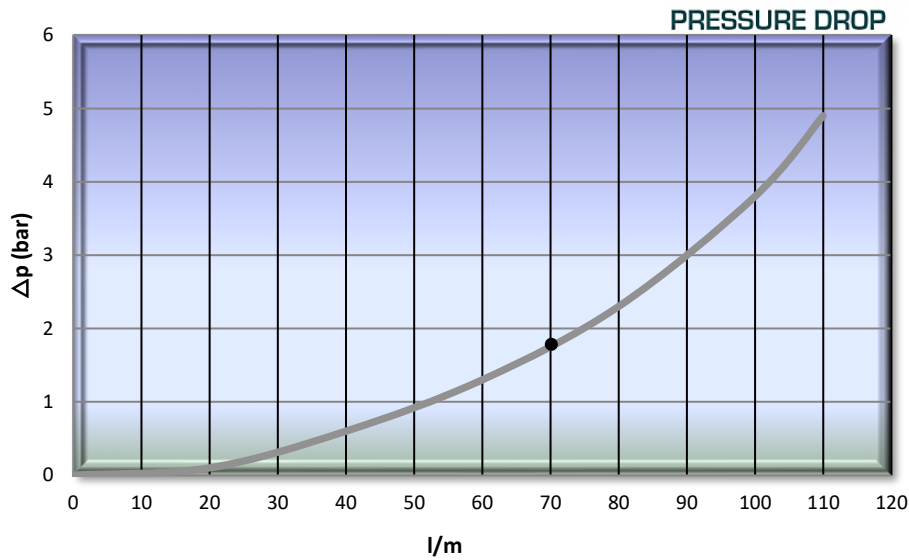
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TECHNICAL DATA

(S)	Rated Flow	Min Burst Pressure			Max. Working Pressure	Spillage	Force To Connect
	l/m	Male	Female	Coupled	Bar	cc	N
13	70	-	1000	1100	250	1.8	220

Test performed according to ISO 18869



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