



1077 SERIES TNS



Manufactured according to ISO 7241-A and ISO 5675 norms.
Poppet Valve or C.U.R.P. versión

• Materials

Carbon Steel EN -10277-3
Seals: NBR
Back-Up-Ring: PTFE
Balls: AISI 1010/1015
Springs: Carbon Steel
DIN 17233/84(B)

• Working temperature (Seals)

	NBR	Viton	EPDM
+	+100°C	+200°C	+150°C
-	-30°C	-10°C	-40°C

• **Applications:** Designed for Oil hydraulic Applications
according to European Directive 97.23.EC

• Equivalence

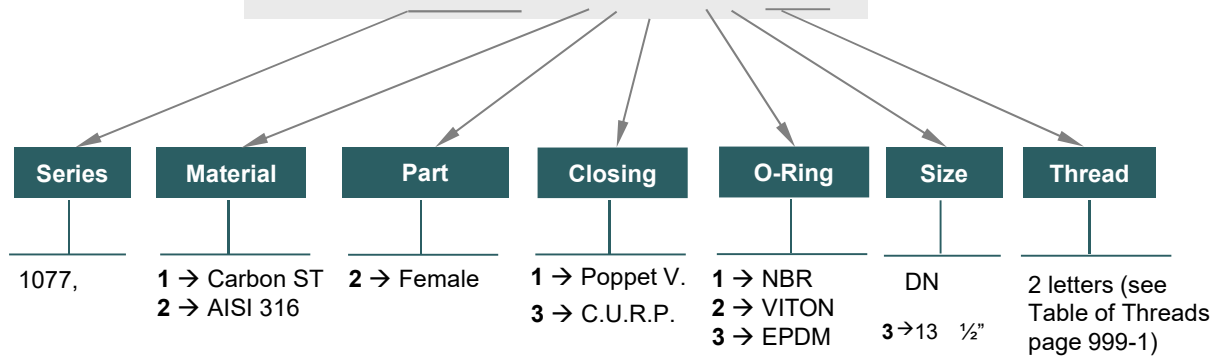
ISO 7241-A



MODEL STRUCTURE

Example;

1077.12113 OM



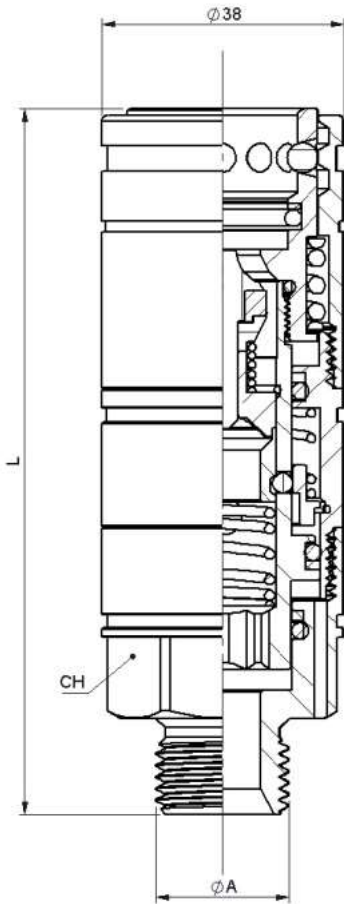
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1077 SERIES TNS



STANDARD MODELS



DN	$\varnothing A$	F - M THREAD	NORMA	REF.		L	CH
			DIN 3852-2-X	1077.12113AD			
		FEMALE	ANSI B1.20.3	1077.12113BD		107,3	
			SAE J1926-1	1077.12113GF			
				1077.12113GH			
			DIN 3852	1077.12113AO		109,3	
				1077.12113HF		107,5	
			SAE J1926-2	1077.12113HH		113,7	
				1077.12113HK		110,8	
		MALE	ISO 6149-2	1077.12113OH		113,3	
				1077.12113OM		110,8	
				1077.12113JG			
				1077.12113JJ		118	
13			ISO 8434-1	1077.12113KG	250Bar		32
			DIN 2353	1077.12113LE			
		MALE BULKHEAD		1077.12113LG		121,5	
				1077.12113MH			
		MALE		1077.12113YF		111,1	
				1077.12113YH		115,1	
		MALE BULKHEAD	ISO 8434-2	1077.12113YFP		124,8	
				1077.12113YHP		128,8	
		MALE		1077.12113ZG		108,6	
		MALE	ISO 8434-3	1077.12113ZIP		130,3	
		BULKHEAD		1077.12113ZMP		136,8	
		MALE	ISO 9974-2 DIN 3852-11	1077.12113QM		110,3	

Manufactured according to ISO7241-A. These example referenes are without C.U.R.P., conexión under pressure only when the pressure is in the male side.

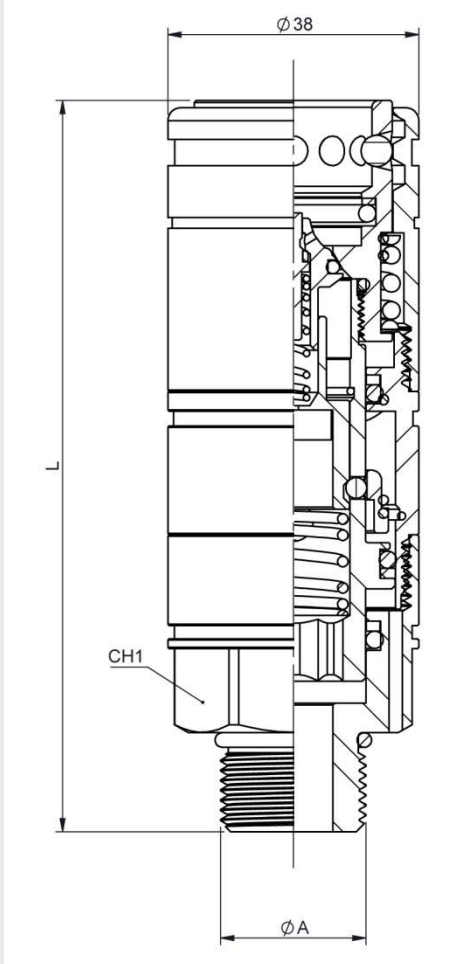
- When the coupling is connected they can rotate even under pressure, thus avoiding any torsional stress in the flexible hoses.
- Compatible with RSD (Parker) and 3CFPV (Faster).
- Connection with any regular ISO7241-A male.
- Connection under residual pressure when pressure is in the male side.
- Connection under residual pressure in both parts, male and female, in C.U.R.P. version.
- Poppet valve made in hardened carbon steel.
- Push Pull connection.
- Wide range of threads.
- Mechanical block of valves is automatic and prevents return line shut down even at high flow rate.

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1077 SERIES

TNS C.U.R.P.



STANDARD MODELS

DN	$\varnothing A$	F - M THREAD	NORMA	REF.		L	CH1
			DIN 3852-2-X	1077.12313AD			
		FEMALE	ANSI B1.20.3	1077.12313BD		107,3	
			SAE J1926-1	1077.12313GF			
				1077.12313GH			
			DIN 3852	1077.12313AO		109,3	
				1077.12313DO			
				1077.12313HF		107,5	
			SAE J1926-2	1077.12313HH		113,7	
				1077.12313HK		110,8	
		MALE	ISO 6149-2	1077.12313OH		113,3	
				1077.12313OM		110,8	
				1077.12313JG			
				1077.12313JJ		118	
13			ISO 8434-1	1077.12313KG	250Bar		32
			DIN 2353	1077.12313LE			
		MALE BULKHEAD		1077.12313LG		121,5	
				1077.12313MH			
		MALE		1077.12313YF		111,1	
				1077.12313YH		115,1	
		MALE BULKHEAD	ISO 8434-2	1077.12313YFP		124,8	
				1077.12313YHP		128,8	
		MALE		1077.12313ZG		108,6	
		MALE	ISO 8434-3	1077.12313ZIP		130,3	
		BULKHEAD		1077.12313ZMP		136,8	
		MALE	ISO 9974-2 DIN 3852-11	1077.12313QM		110,3	

Manufactured according to ISO7241-A. These example referenes are with C.U.R.P., conexión under pressure.

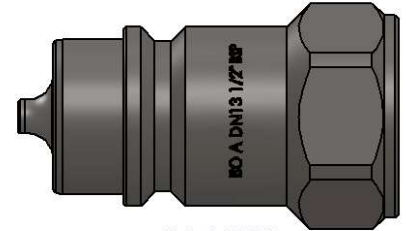
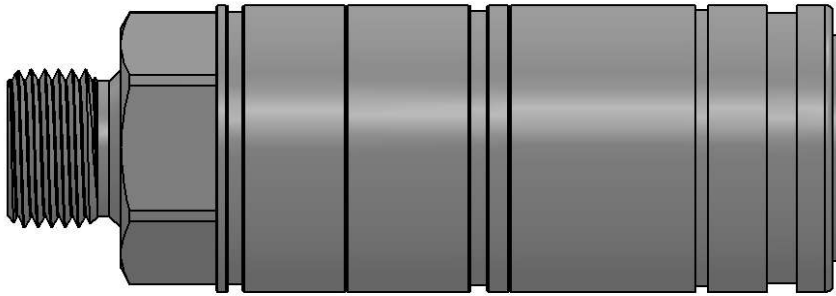
- When the coupling is connected they can rotate even under pressure, thus avoiding any torsional stress in the flexible hoses.
- Compatible with 4SRPV (Faster).
- Connection with any regular ISO7241-A male.
- Connection under residual pressure when pressure is in the male and female sides.
- Connection under residual pressure in both parts, male and female, in C.U.R.P. version.
- Poppet valve made in hardened carbon steel.
- Push Pull connection.
- Wide range of threads.
- Mechanical block of valves is automatic and prevents return line shut down even at high flow rate.

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1077 SERIES TNS

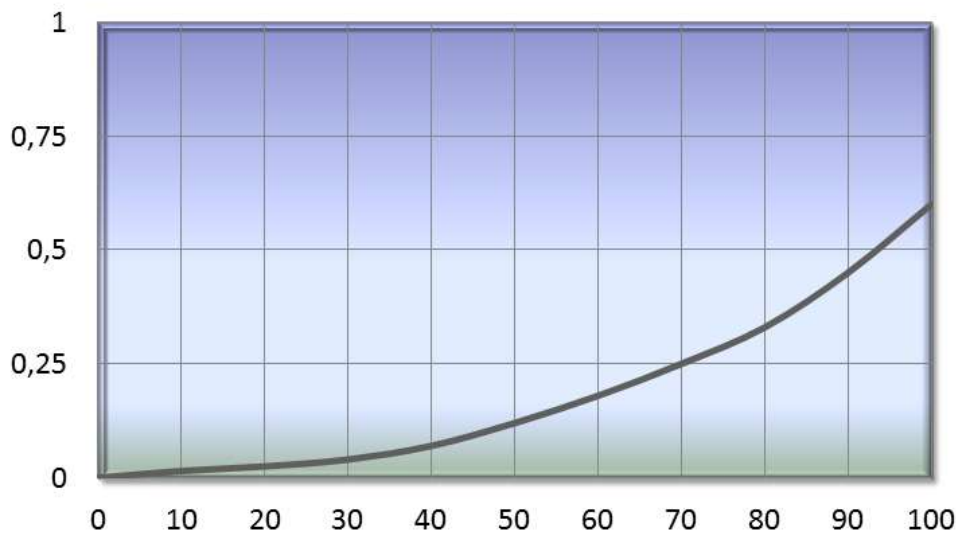


ISO-A DN13

Standard Models						
DN	Thread	REF.	Working Pressure	Flow Rate	Max. Residual Pressure Connection	Spillage
13	1/2" BSP	1077.12113AD	275 Bar	90 l/min	250 Bar	1,8 cc

TECHNICAL DATA						
DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure	Force to Connect
		Male	Female	Coupled		
13	90 l/min	1200	1300	1325	275	220 N

Test performed according to ISO 18869



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