Hose Type 20/6PPA®

ID20 - Series: C

Applications

Hydraulics: Hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)

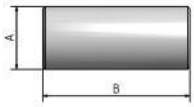
Oil and Gas: Methanol service (oil rigs, distribution panels, umbilicals), jumper/ subsea well control, chemical injection, nitrogen service, Gaseous media handling

Technical Information

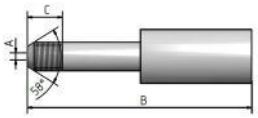
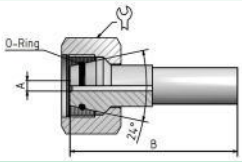
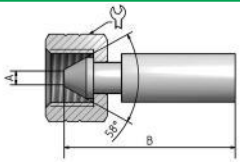
Inner Core: Polyvinylidenfluoride (PVDF)
Pressure Support: 6 layers of high-tensile steel wire
Outer Cover: Polyamide (PA)
Colour: Dark green
Temperature: -20°C to +80°C [-4°F to 176°F]

Ø ID	Ø OD	Working Pressure (SF 3,3:1)	Working Pressure (SF 4,0:1)	Burst Pressure	Bend Radius	Weight	Insert ID
18,8 mm	32,8 mm	1.040 bar	860 bar	3.450 bar	600 mm	2,170 kg/m	13,0 mm
0,74 inch	1,29 inch	15.070 psi	12.500 psi	50.000 psi	23,62 inch	1,454 lbs/ft	0,51 inch

Sleeve

Part no.	Thread	Material	Dimensions (mm) A	B	C		
Sleeve							
12060111	-	Steel	42,9	72	-	-	

Insert

Part no.	Thread	Material	Nut	Dimensions (mm) A	B	C		
MP fitting								
42060304C	1"x14UNS LH	Stainless steel	-	13	158	30	-	
Female swivel with O-Ring								
22060202C	M36x2	Steel	52040201	13	127	-	46	
Type M female swivel								
22060644C	1 5/16"x12UN	Stainless steel	52040645	13	107	-	46	

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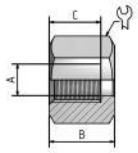
Swivel nut

Part no.	Thread	Material	Relief bores	Dimensions (mm) A	B	C	
Swivel nut							
52040645	1 5/16"x12UN	AISI 316Ti	1 radial	25,5	31,5	11,5	46
52040201	M36x2	Steel	1 radial	25,5	38	22	46



Hose securing grip

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)
Hose securing grip short version				
9204400	600,00	820,00	35,10	30-40

Production-related variations of the burst pressure of up to 5 % are possible. Other colours upon request.
Maximum test pressure 1290 bar/18700 psi.
The safety factors between the burst pressure and the working pressure as well as the test pressure depend on the operating conditions. For gaseous media the outer cover is to be pinpricked.
Regarding the safety factor for gaseous media please contact your local SPIR STAR® assembling center.
The indicated working pressure refers to the hose only. Depending on the used fitting the permitted working pressure of a hose assembly may be less.
We reserve our rights for technical changes without notice. Subject to printing errors.