technical data of the hear

Hose

hose



DN	PN	pricked	øD	part no.
2	400 bar	(44)	5	9-946-02-00-012
2	630 bar	-	5	9-946-02-00-020
2	630 bar	yes	5	9-946-02-01-020

		technical	data of the hose
nominal diameter	DN 2	DN 2	DN 2
nominal pressure	400 bar	630 bar	630 bar
inner material	Hytrel [®]	Hytrel [®]	Hytrel [®]
reinforcement material	polyester fibre	aramid fibre	aramid fibre
cover material	PA	PA	PA - pricked
max. working pressure	400 bar	630 bar	630 bar
min. bursting pressure	1200 bar	1890 bar	1890 bar
min. bending radius at working pressure	20 mm	20 mm	20 mm
inner diameter	2,1 mm	2,1 mm	2,1 mm
outer diameter	5 mm	5 mm	5 mm
weight / meter	16 g	16 g	16 g
temperature strength	-40 °C to +100 °C	-40 °C to +100 °C	-40 °C to +100 °C
number for the type of hose	970	971	975
crimping diameter	7,0 ^{+0,1}	7,0 +0,1	7,0 +0,1

Hose End Fittings

Nr.	G	SW / øD	DN	part number	description
				199	
01			2	2-970-01-00-001-CF	connector for test coupling series: Steck incl. ferrule *
16			2	2-970-16-00-001-CF	connector for test coupling series: Steck 90° elbow incl. ferrule *
03	M16x2	19 19	2	2-970-03-02-001-CF	connector for test coupling metal cap type A (universal)
00	WIGNI,	10		2010/00/02/001	incl. ferrule *
1211	2002 0				
0J OZ	M16x2 M16x1,5	19 19	2	2-970-0J-02-001-CF 2-970-0Z-02-001	connector for test coupling metal cap type A (universal) 90° elbow incl. ferrule *
04	M16x2		2	2-970-04-02-001-CF	connector for test coupling
10			2	2-970-10-02-001	metal cap type B (round)
12	S12x1,5		2	2-970-12-02-001-CF	incl. ferrule *
50	M16x2		2	2-970-50-02-001-CF	connector for test coupling
					metal cap type B (round) 90° elbow
57	512x1,5		2	2-970-57-02-001-CF	incl. ferrule *
	<u> </u>	2.00		0.070.00.00.001.07	pressure gauge connector
					with Whitworth - thread
23	0 1/2	21	2	2-010-20-02-001-0F	sealing to pressure gauge by o-ring incl. ferrule
					pressure gauge connector
58	G 1/4	17	2	2-970-58-02-001-CF	with Whitworth - thread
54	G 1/2	27	2	2-970-54-02-001-CF	sealing to pressure gauge by o-ring 90° elbow incl. ferrule
	01 16 03 09 01 02 02 25	01 16 03 M16x2 09 M16x1,5 0J M16x2 0Z M16x1,5 12 S12x1,5 50 M16x2 61 M16x2,5 12 S12x1,5 57 S12x1,5 57 S12x1,5 57 S12x1,5 58 G 1/4	01 16 03 M16x2 19 09 M16x1,5 19 0J M16x2 19 0J M16x2 19 0Z M16x1,5 19 04 M16x2 19 04 M16x1,5 19 04 M16x2 19 04 M16x1,5 19 05 M16x1,5 19 04 M16x2 19 04 M16x2 19 05 M16x1,5 19 04 M16x2 19 05 G 1/2 27 02 G 1/4 17 25 G 1/2 27 58 G 1/4 17	01 2 16 2 03 M16x2 19 2 09 M16x1,5 19 2 0J M16x2 19 2 0J M16x2 19 2 0Z M16x1,5 19 2 04 M16x2 2 2 10 M16x1,5 2 2 12 S12x1,5 2 2 50 M16x2,5 2 2 51 M16x1,5 2 2 52 G 1/2 27 2 02 G 1/4 17 2 52 G 1/2 27 2 02 G 1/4 17 2 53 G 1/2 27 2	01 2 2-970-01-00-001-CF 16 2 2-970-16-00-001-CF 03 M16x2 19 2 2-970-03-02-001-CF 09 M16x1,5 19 2 2-970-03-02-001-CF 09 M16x1,5 19 2 2-970-03-02-001-CF 0J M16x2 19 2 2-970-03-02-001-CF 0Z M16x1,5 19 2 2-970-03-02-001-CF 0Z M16x1,5 19 2 2-970-03-02-001-CF 04 M16x2 2 2-970-04-02-001-CF 10 M16x1,5 2 2-970-10-02-001 12 S12x1,5 2 2-970-50-02-001-CF 50 M16x2 2 2-970-50-02-001-CF 51 M16x1,5 2 2-970-50-02-001-CF 57 S12x1,5 2 2-970-57-02-001-CF 02 G 1/4 17 2 2-970-02-02-004-CF 25 G 1/2 27 2 2-970-58-02-001-CF 58 G 1/4 17 2 2-970-58-02-001-CF

* incl. strap

Hose End Fittings

connectors for hose

view	no.	G	SW/øD	DN	part number	description
SW						
	26	1/4 NPT	17	2	2-970-26-00-001-CF	pressure gauge connector with NPT-thread
o	27	1/2 NPT	27	2	2-970-27-00-001-CF	incl. ferrule
() - II - I	75		8	2	2-970-75-00-001-CF	ring connection to hollow screw (RGN) incl. ferrule
ØD						
	19	M12x1,5	6L	2	2-970-19-02-001-CF	
SW	20	M14x1,5	6S	2	2-970-20-02-001-CF	
	21	M14x1,5	8L	2	2-970-21-02-001-CF	seal cone with o-ring and swivel nut
<u>ی</u>	22	M16x1,5	8S	2	2-970-22-02-001-CF	for 24° cone fitting (DKO)
	23	M16x1,5	10L	2	2-970-23-02-001-CF	incl. ferrule
1-177/I	24	M18x1,5	10S	2	2-970-24-02-001-CF	
	44	M12x1,5	6L	2	2-970-44-02-001-CF	
	45	M14x1,5	6S	2	2-970-45-02-001-CF	
166	46	M14x1,5	8L	2	2-970-46-02-001-CF	seal cone with o-ring and swivel nut
<u> </u>	47	M16x1,5	8S	2	2-970-47-02-001-CF	for 24° cone fitting (DKO)
sw	48	M16x1,5	10L	2	2-970-48-02-001-CF	90° elbow incl. ferrule
	49	M18x1,5	10S	2	2-970-49-02-001-CF	ind, fendle
	64		4	2	2-970-64-00-001-CF	standsing for use with sut and sing (DC)
8	13		6	2	2-970-13-00-001-CF	standpipe for use with nut and ring (BE) acc. to DIN 2353
	15		8	2	2-970-15-00-001-CF	incl. ferrule
((28		6	2	2-970-28-00-001-CF	standpipe for use with nut and ring (BE)
						acc. to DIN 2353
ØD	94		8	2	2-970-94-00-001-CF	90° elbow incl. ferrule
	32	M12x1,5	17	2	2-970-32-00-001-CF	connector with male thread (A CM/A CD)
0	32	G 1/8 A	17	2	2-970-32-00-001-CF	connector with male thread (AGM/AGR) acc. to DIN 3852
	34	G 1/8 A	14	2	2-970-33-00-001-CF	incl. ferrule
SW	54	5 1/4 A	18	4	2-010-04-00-001-0F	
J T Parm	35	1/8 NPT	12	2	2-970-35-00-001-CF	connector with male thread (AGN)
0,	36	1/4 NPT	17	2	2-970-36-00-001-CF	acc. to ANSI-Norm
SW						incl. ferrule
	nector wi					

Hose End Fittings

						connectors for hos
view	no.	G	SW / ø[DN	part number	description
SW						
	41	7/16 UNF	14	2	2-970-41-02-001-CF	connector to fit male connection
	42	1/2 UNF	17	2	2-970-42-02-001-CF	acc. to SAE J514 (DKJ)
	43	9/16 UNF	19	2	2-970-43-02-001-CF	incl. ferrule
	0K	7/16 UNF	14	2	2-970-0K-02-001-CF	connector to fit male connection
<u> </u>	1E	9/16 UNF	19	2	2-970-1E-02-001-CF	acc. to SAE J514 (DKJ)
sw G				-		90° elbow incl. ferrule
	37	7/16 UNF	14	2	2-970-37-00-001-CF	
ی ا	38	1/2 UNF	17	2	2-970-38-00-001-CF	connector with male thread
sw	39	9/16 UNF	19	2	2-970-39-00-001-CF	acc. to SAE J514 (AGJ) incl. ferrule
o SW	60 40	G1/8 G1/4	14 17	2 2	2-970-60-02-001-CF 2-970-40-02-001-CF	connector with 60° cone (DKR) acc. BS5200 incl. ferrule
For co	nnector	without ferru	ule replace	970 by	971	
	L	DA DI	BLD PN		part no.	
	15	8 5,6	4,5 7 ⁺⁰	1 2	4-999-03-01-160-CF	ferrule
				2011	272 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	
at	L 50	DI 7		DN 2	part no. 4-946-00-05-020	bend protection
						bend protection
a;					4-946-00-05-020	bend protection
				2		bend protection