HD 700 PRO

HD hose, extremely abrasion resistant outer cover

Properties



Application	High pressure circuits with high loads hydrostatic gearboxes Shipbuilding particularly suitable for restricted installation space and high abrasion
Special features	extremely abrasion resistant top cover
Standard	from DN 19: SAE 100 R15 DN 10 + 12: EN 856 4SP DN 16: EN 856 4SH
Inner layer	oil resistant synthetic rubber
Insert	four (up to NW 25) or six (from NW 32) high tensile steel wire spirals
Outer layer	synthetic rubber with additional plastic cover, with more than 300 x the abrasion properties of standard outer covers
Colour	black
Temp. min.	-40 °C
Temp. max.	121 °C
Elongation	+ 2 % to - 2 %
Media	Mineral oil Glycol Water (0°C to + 70°C) Water-oil emulsions

Note

The change in length of the hose is determined at max. working pressure during testing to EN ISO 1402.

Item

Identification	DN*	Size	Inches	Internal Ø (mm)	External Ø (mm)	Operating pressure (bar)	Test pressure (bar)	Burst pressure (bar)	Min. bending radius (mm)
HD 710 PRO	10	6	3/8"	9,5	21,4	445,0	890	1780	180
HD 713 PRO	12	8	1/2"	12,7	24,6	415,0	830	1660	230
HD 716 PRO	16	10	5/8"	16,2	29,2	420,0	840	1680	250
HD 720 PRO	19	12	3/4"	19,0	32,0	420,0	840	1680	265
HD 725 PRO	25	16	1"	25,4	38,2	420,0	840	1680	330
HD 732 PRO	31	20	1.1/4"	31,8	50,4	420,0	840	1680	445
HD 740 PRO	38	24	1.1/2"	38,1	57,3	420,0	840	1680	530
HD 750 PRO	51	32	2"	50,8	71,5	420,0	840	1680	700

DN = Nominal diameter, nominal width

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.