

W56000 Series

High Pressure Application

Danfoss Hansen W56000 Series is a screw to connect coupling designed to operate at pressures exceeding 10,000 psi or 700 bar. Rugged design makes these couplings suitable for hydraulic jacks and lift loading.



Product Features

- Screw to connect double shut off with poppet valve
- Interchanges with other couplings with the same profile
- Designed and manufactured under Article 4.3 of the European Pressure Equipment Directive PED 2014/68/EU.
- Standard body material: Zinc trivalent plated steel
- Standard seal material: Nitrile (NBR)

Physical Characteristics

Coupling Size (in)	DN/ND	Max. Operating Pressure		Min. Burst Pressure		Rated Flow		Air Inclusion
		(bar)	(psi)	(bar)	(psi)	(lpm)	(gpm)	ml max
1/4	5.7	700	10,000	2,800	40,000	11	2.9	1.1
3/8	7.6	700	10,000	2,800	40,000	16	4.2	1.7

Applications & Markets

- Hydraulic Jacks, Lifts
- Emergency Rescue Equipment

Flow Data

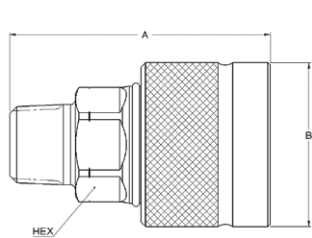
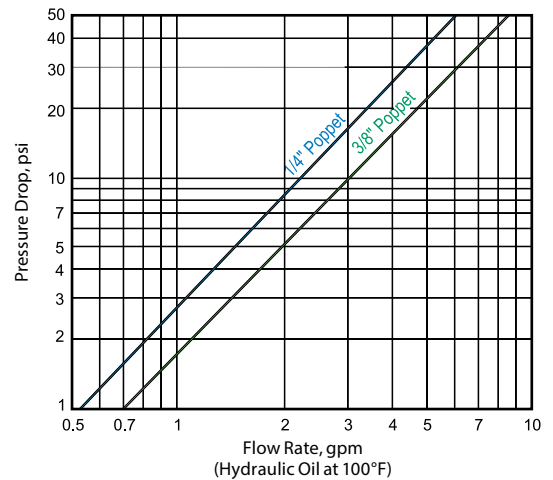


Figure 1

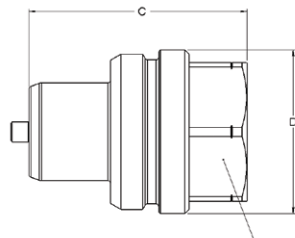


Figure 2

Part Number	DN/ND	Body Size	Coupling Type	Connection	Fig.	Dimensions					
						A	B	Hex	A	B	Hex
						(in)	(in)	(in)	(mm)	(mm)	(mm)
WA5651700	5.7	1/4	Socket/Female	1/4 NPT Male	1	2.44	1.12	.87	62	28.5	22
WA5652700	7.6	3/8	Socket/Female	3/8 NPT Male	1	2.19	1.38	.87	55.6	35	22

Part Number	DN/ND	Body Size	Coupling Type	Connection	Fig.	Dimensions					
						C	D	Hex	C	D	Hex
						(in)	(in)	(in)	(mm)	(mm)	(mm)
WA5651400	5.7	1/4	Plug/Male	1/4 NPT Female	2	1.26	1.10	.75	32	28	19
WA5652400	7.6	3/8	Plug/Male	3/8 NPT Female	2	1.65	1.26	1.06	42	32	27

Dust Caps and Dust Plugs

Body Size	Dust Cap	Dust Plug
1/4	WA5611400	WA5611700
3/8	WA5612400	WA5612700



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