WA56000 Series



Eaton's W56000 Series is a screw to connect coupling designed to operate at pressures exceeding 10,000 psi or 690 bar. Rugged design makes these couplings suitable for hydraulic jacks and lift loading.

Product Features

- Screw to connect double shut off with poppet valve
- Designed and manufactured under Article 3.3 of the European

Pressure Equipment Directive 97/23 EC.

- Interchanges with other couplings with the same profile
- Standard body material: Zinc trivalent plated steel
- Standard seal material: Buna-N

Physical Characteristics

Coupling Size	DN/ND	Max. Operating Pressure		Min. Burst Pressure		Rated Flow		Air Inclusion	
(in)		(bar)	(psi)	(bar)	(psi)	(lpm)	(gpm)	ml max	
1/4	5.7	700	10,150	2,800	40,000	11	2.9	1.1	
3/8	7.6	700	10,150	2,800	40,000	16	4.2	1.9	

Applications & Markets

• Hydraulic jacks, Lifts and Emergency Rescue Equipment

AGRICULTURE

Figure 1

FLUID TRAI

PNEUMATIC

SPECIAL APPLICATIONS

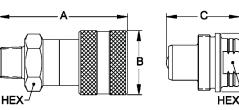
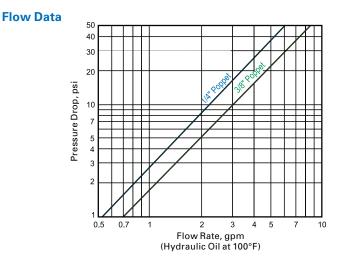


Figure 2



DN/ND	Body Size	Coupling Type	Connection	Fig.	Dime A	nsions B	Hex	А	в	Hex
					(in)	(in)	(in)	(mm)	(mm)	(mm)
5.7	1/4	Socket/Female	1/4 NPT Male	1	2.36	1.12	.88	60	28.5	22
7.6	3/8	Socket/Female	3/8 NPT Male	1	2.76	1.38	1.06	70	35	27
DN/ND	Socket/ Female	Coupling Type	Connection	Fig.	Dime C	nsions D	Hex	С	D	Hex
					(in)	(in)	(in)	(mm)	(mm)	(mm)
5.7	1/4	Plug/Male	1/4 NPT Female	2	1.26	1.10	.75	35	15.9	19
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	5.7 7.6 DN/ND	DN/NDSize5.71/47.63/8DN/NDSocket/ Female	DN/ND Size Type 5.7 1/4 Socket/Female 7.6 3/8 Socket/Female DN/ND Socket/ Female Coupling Type	DN/NDSizeTypeConnection5.71/4Socket/Female1/4 NPT Male7.63/8Socket/Female3/8 NPT MaleDN/NDSocket/ FemaleCoupling TypeConnection	DN/NDSizeTypeConnectionFig.5.71/4Socket/Female1/4 NPT Male17.63/8Socket/Female3/8 NPT Male1DN/NDSocket/ FemaleCoupling TypeConnectionFig.	DN/ND Size Type Connection Fig. A 5.7 1/4 Socket/Female 1/4 NPT Male 1 2.36 7.6 3/8 Socket/Female 3/8 NPT Male 1 2.76 DN/ND Socket/ Female Coupling Type Connection Fig. Dime C (in) Image: Connection Image: Connection Image: Connection Image: Connection	DN/ND Size Type Connection Fig. A B 5.7 1/4 Socket/Female 1/4 NPT Male 1 2.36 1.12 7.6 3/8 Socket/Female 3/8 NPT Male 1 2.76 1.38 DN/ND Socket/ Female Coupling Type Connection Fig. Dimessions C Dimessions D	DN/ND Size Type Connection Fig. A B Hex (in) (in) (in) (in) (in) (in) (in) 5.7 1/4 Socket/Female 1/4 NPT Male 1 2.36 1.12 .88 7.6 3/8 Socket/Female 3/8 NPT Male 1 2.76 1.38 1.06 DN/ND Socket/ Female Coupling Type Connection Fig. Dimesions C Hex (in) (in) (in) (in) (in) (in) (in)	DN/ND Size Type Connection Fig. A B Hex A 5.7 1/4 Socket/Female 1/4 NPT Male 1 2.36 1.12 .88 60 7.6 3/8 Socket/Female 3/8 NPT Male 1 2.76 1.38 1.06 70 DN/ND Socket/ Female Coupling Type Connection Fig. Dimessons C Dimessons D Hex C	DN/ND Size Type Connection Fig. A B Hex A B 5.7 1/4 Socket/Female 1/4 NPT Male 1 2.36 1.12 .88 60 28.5 7.6 3/8 Socket/Female 3/8 NPT Male 1 2.76 1.38 1.06 70 35 DN/ND Socket// Female Connection Fig. Dimesson Dimesson Hex C D DN/ND Female Type Connection Fig. C D Hex C D

Dust Caps and Dust Plugs

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



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