

# S56 Series



Quick Disconnect Couplings, Standard Interchange, Push-Pull



## S56 Series (1/4" - 1") - ISO Series 'A' Interchange

The S56 Series is a poppet type, pull-break coupling. Improved design provides a higher burst pressure than similar couplings along with a smaller dimensional envelope. The un-caged poppet reduces flow restriction to a minimum giving this coupling series overall superior performance characteristics to its competitors. An increased number of detent (locking) balls and a hardened locking groove on the male tip adds to the overall integrity of these couplings and enable them to withstand a higher working pressure than standard couplings.

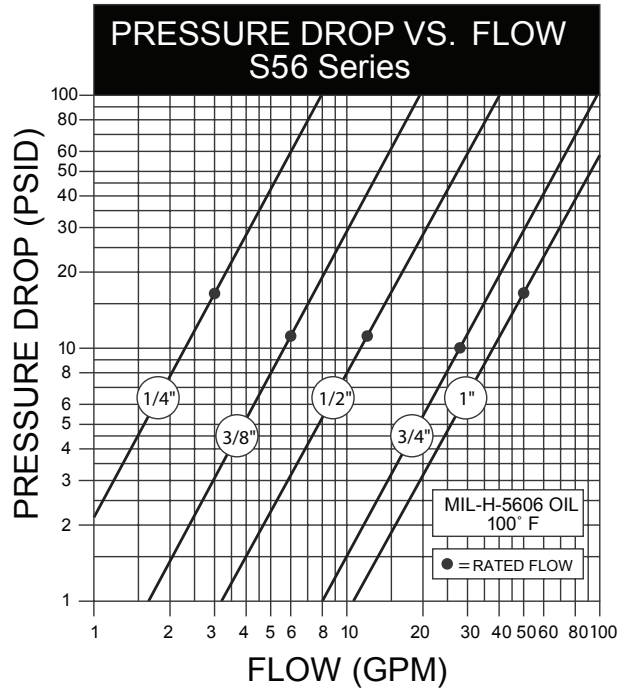
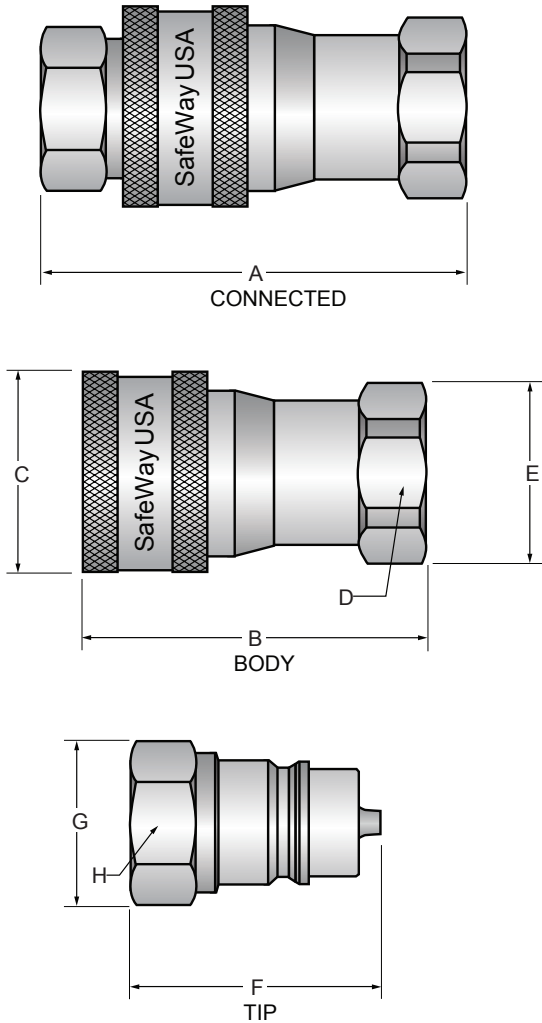
### Performance Data

Complete Coupler Code	Nominal Body Size (in.)	Thread Size NPT	Body (Female) Code	Tip (Male) Code	Rated Pressure		Check Type	Weight Kg.
					Bar	PSI		
S56-2	1/4"	1/4" NPT	S565-2	S561-2	345	5000	Poppet	0.16
S56-3	3/8"	3/8" NPT	S565-3	S561-3	310	4500	Poppet	0.25
S56-4	1/2"	1/2" NPT	S565-4	S561-4	276	4000	Poppet	0.36
S56-6	3/4"	3/4" NPT	S565-6	S561-6	276	4000	Poppet	0.64
S56-8	1"	1" NPT	S565-8	S561-8	276	4000	Poppet	0.91

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Dimensions (inches)								
Complete Coupler Number	Overall Length	Body Length	Diameter	Hex	Diameter	Tip Length	Diameter	Hex
	A	B	C	D	E	F	G	H
S56-2	2.48	1.79	1.07	0.88	0.96	1.31	0.86	0.75
S56-3	3.02	2.20	1.26	1.06	1.18	1.65	1.01	0.88
S56-4	3.46	2.56	1.50	1.25	1.35	1.88	1.23	1.08
S56-6	3.98	3.04	1.89	1.38	1.58	2.26	1.58	1.38
S56-8	4.73	3.66	2.13	1.63	1.87	2.69	1.87	1.63

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## Accessories

Part Number	Body O-Ring	Body Back-Up	Dust Cap (Protects Tip) Heavy Duty Steel	Dust Plug (Protects Body) Heavy Duty Steel
S56-2	S5660B-2	S5661T-2	S59-2	S54-2
S56-3	S5660B-3	S5661T-3	S59-3	S54-3
S56-4	S5660B-4	S5661T-4	S59-4	S54-4
S56-6	S5660B-6	S5661T-6	S59-6	S54-6
S56-8	S5660B-8	S5661T-8	S59-8	S54-8

## Replacement Seal Kits

Both replacement seal kits and individual o-rings and back-up rings are available for most models. Leakage between the female body half (coupling) and the male tip half (nipple) is an indication that the body o-ring needs replacement.



## Dust Caps & Dust Plugs

Protective dust caps and dust plugs are available in rubber or metal in a variety of sizes. They should be used whenever possible to help reduce contamination of the hydraulic system and improve service life of the body half (coupling) and the mating tip half (nipple).

