

# S70 Series



Quick Disconnect Couplings, Pressure Connect



## S70 Series (1/2") - ISO Connect Under Pressure

The S70 Series design allows connection with full system pressure on one or both sides of the coupling. After connection, the hydraulic circuit automatically opens when the hydraulic system is operated.

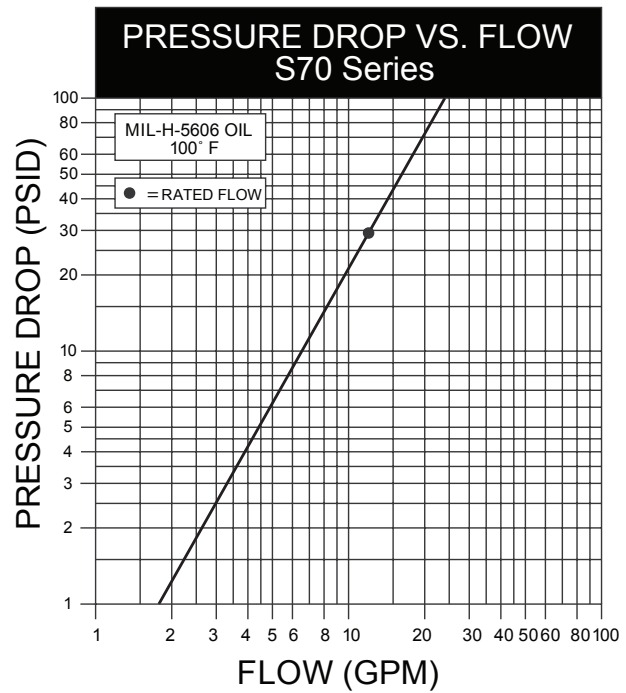
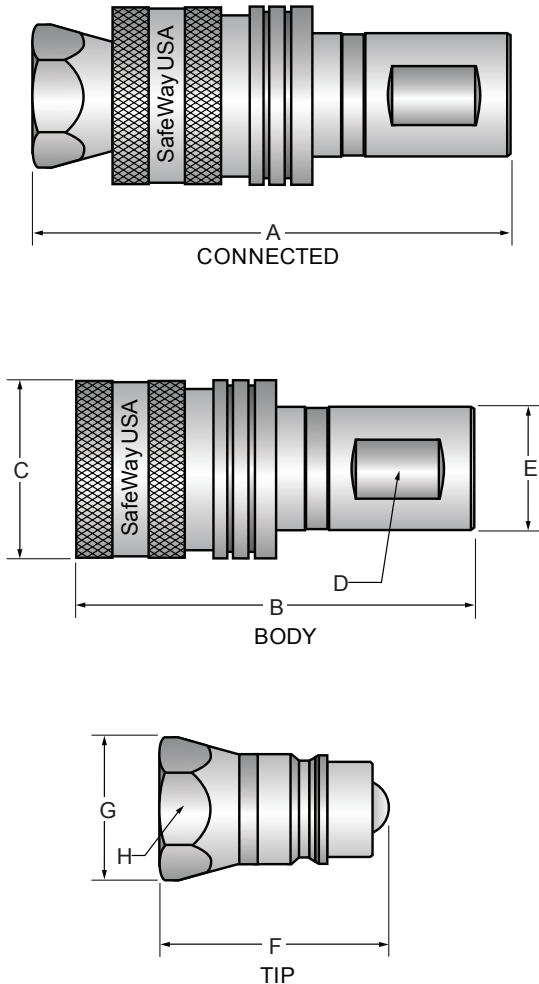
The two-way sleeve design allows one hand hook-up and break-away when the coupling is clamped or bulkhead mounted.

### Performance Data

Complete Coupler Code	Nominal Body Size (in.)	Thread Size	Body (Female) Code	Tip (Male) Code	Rated Pressure		Check Type	Weight Kg.
					Bar	PSI		
S70-4	1/2"	1/2" NPT	S75-4	S71-4	207	3000	Ball	0.60
S70-4P	1/2"	1/2" NPT	S75-4P	S71-4P	207	3000	Poppet	0.60
S70-15	1/2"	3/4" UNO	S75-15	S71-15	207	3000	Ball	0.43
S70-15P	1/2"	3/4" UNO	S75-15P	S71-15P	207	3000	Poppet	0.43
S70-16	1/2"	7/8" UNO	S75-16	S71-16	207	3000	Ball	0.40
S70-16P	1/2"	7/8" UNO	S75-16P	S71-16P	207	3000	Poppet	0.40

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Dimensions (inches)								
Complete Coupler Number	Overall Length	Body Length	Diameter	Wrench Flat	Diameter	Tip Length	Diameter	Hex
	A	B	C	D	E	F	G	H
S70-4	4.34	3.39	1.50	0.93	1.06	1.94	1.22	1.06
S70-4P	4.34	3.39	1.50	0.93	1.06	1.96	1.22	1.06
S70-15	4.34	3.39	1.50	0.93	1.06	1.94	1.22	1.06
S70-15P	4.34	3.39	1.50	0.93	1.06	1.96	1.22	1.06
S70-16	4.34	3.39	1.50	1.00	1.06	1.94	1.22	1.06
S70-16P	4.34	3.39	1.50	1.00	1.06	1.96	1.22	1.06

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## Accessories

Part Number	Body O-Ring	Dust Cap (Protects Tip) Rubber with Chain	Dust Plug (Protects Body) Rubber with Chain	Clamp	Bulkhead Ring
S70-4 (P)	S760-4	S49-4	S44-4	S42-4	S43-4
S70-15 (P)	S760-4	S49-4	S44-4	S42-4	S43-4
S70-16 (P)	S760-4	S49-4	S44-4	S42-4	S43-4

## 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).



## Break-away Clamps

Safeway's heavy-duty double break-away clamps allow one-hand connection when used with two-way sleeve style agricultural quick couplings. They also allow implement break-away when used with either one-way or two-way sleeve agricultural designs. Double break-away clamps are available for 3/8" and 1/2" body size agricultural quick couplings. Bulkhead mounting rings provide for bulkhead mounting (up to 1/8" thick) of S40 Series and S70 Series female couplers.

