



Swivel Joints

FS65 Series Standard Duty Balanced Pressure



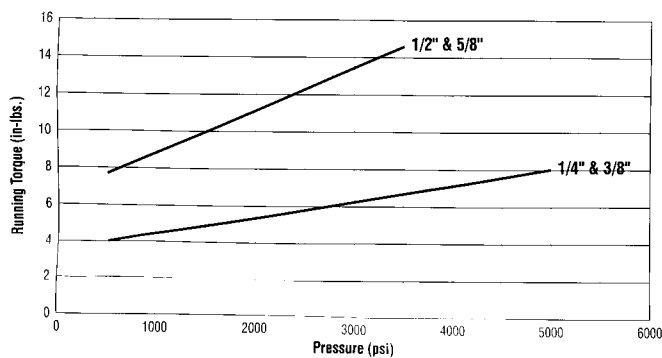
Aeroquip FS65 Balanced-Pressure Series swivel joints answer customer requests for a more cost competitive, compact product. They feature compact forged castings that are less expensive to manufacture than brazing castings. Their balanced-pressure design distributes pressure evenly through the body of the joints, eliminating axial loading of the sleeve. The pressure-balanced design allows the swivel joints to rotate with very low torque - even up to their rated operating pressure.

Features: Balanced-pressure design • Low-drop dimensions • Contamination seals • 360° rotation • Standard o-ring design and repair kits.

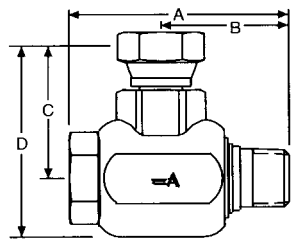
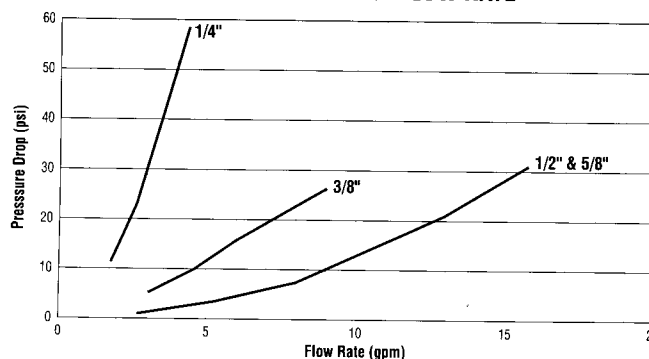
Pressure Ratings: 5000 PSI (Sizes 1/4 and 3/8), 3500 PSI (Sizes 1/2 and 5/8), 3500 PSI (Size 3/4), 3000 PSI (Size 1 inch).

Seal Options: Suffix -01 Buna-N (Standard). Suffix -04 EPR. Suffix -06 Viton®.

RUNNING TORQUE vs. PRESSURE



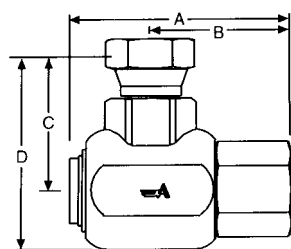
PRESSURE DROP vs. FLOW RATE



FS65000

Female Pipe Swivel / Male Pipe

Catalog Part No.	Aeroquip Model	Nom. Size	Casing Thread	Sleeve Thread	A (in)	B (in)	C (in)	Wt.	Price Each
•C1FH43	FS65000-0404-01	1/4	1/4-18 NPSM	1/4-18	2.60	1.49	1.45	0.76	
•C1FH44	FS65000-0606-01	3/8	3/8-18 NPSM	3/8-18	2.53	1.48	1.45	0.75	
•C1FH45	FS65000-0808-01	1/2	1/2-14 NPSM	1/2-14	2.88	1.54	1.62	1.03	
•C1FH46	FS65000-1212-01	3/4	3/4-14 NPSM	3/4-14	3.21	1.89	2.14	1.86	
•C1FK62	FS65000-1616-01	1	1-11-1/2 NPSM	1-11-1/2	3.91	2.27	2.40	3.06	



FS65005

Female Pipe Swivel / Female Pipe

Catalog Part No.	Aeroquip Model	Nom. Size	Casing Thread	Sleeve Thread	A (in)	B (in)	C (in)	Wt.	Price Each
•C1FH47	FS65005-0404-01	1/4	1/4-18 NPSM	1/4-18	2.49	1.59	1.45	0.80	
•C1FH48	FS65005-0606-01	3/8	3/8-18 NPSM	3/8-18	2.49	1.58	1.45	0.77	
•C1FH49	FS65005-0808-01	1/2	1/2-14 NPSM	1/2-14	3.14	1.97	1.62	1.14	
•C1FH50	FS65005-1212-01	3/4	3/4-14 NPSM	3/4-14	3.21	2.08	2.14	1.87	



Hydraulic Power & Control

Pneumatic Power & Control

Fluid Conveying

Miscellaneous Products

Indexes & Technical Information