



Swivel Joints

FS5900 Series Heavy Duty Full Flow



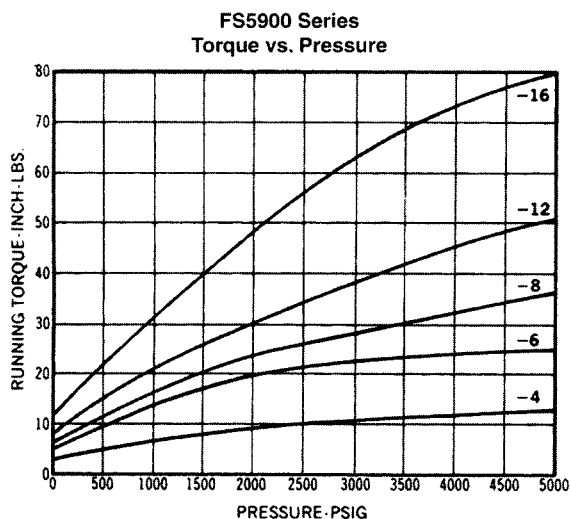
Features: The Aeroquip FS5900 Series swivel joint is designed for 25 in./Hg vacuum to 5000 psi operating pressure service made possible by advanced design needle bearings and seals. In addition to high pressures the FS5900 Series provides full fluid flow with minimal pressure drop. The excellent corrosion resistance of the FS5900 Series is made possible by the plated steel components. Both field and laboratory testing have proven the FS5900 Series swivel joints can withstand greater side loads than conventional swivel joints. High pressure impulse life has also been improved.

Pressure Ratings: 5000 PSI all sizes.

Standard Seals: Suffix -01 (1/4 inch size only) Buna-N O-Rings, -40°F to 250°F. Suffix -75 (3/8 through 1 inch) Hytre/Buna-N U-Cups, -20°F to 250°F.

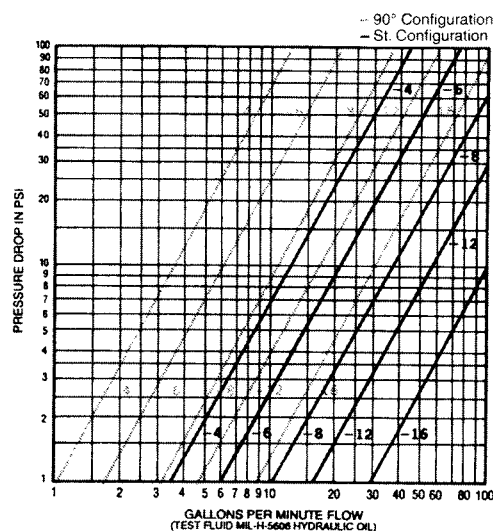
Optional Seals: EPR, Viton® in 1/4 inch size. Urethane/Buna-N in 3/8 through 1 inch sizes.

Torque vs Pressure

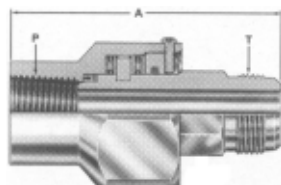


Testing to determine the torque required to rotate an FS5900 series swivel joint was conducted on actual production assemblies.

Pressure Drop vs Flow



Testing for pressure drop at various flow rates was conducted with MIL-H-5606 hydraulic oil at temperatures (+70°F to +80°F).



FS59005

Female Pipe / Male 37° JIC

Catalog Part No.	Aeroquip Model	Nom. Size	Thread P	Thread T	A (in)	Wt.	Price Each
•C1CW72	FS59005-1212-75	3/4	3/4-14	1-1/16-12	4.15	1.89	