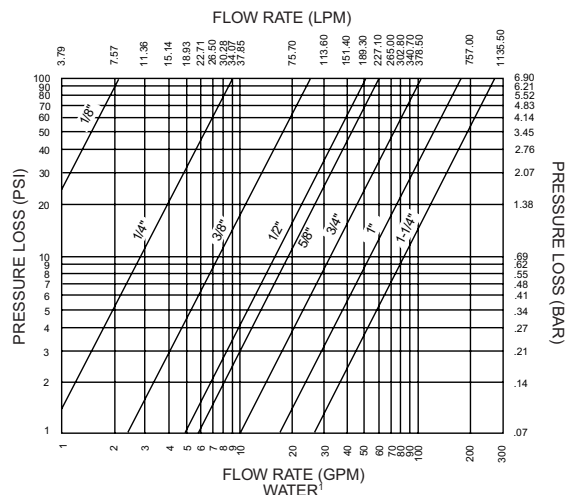
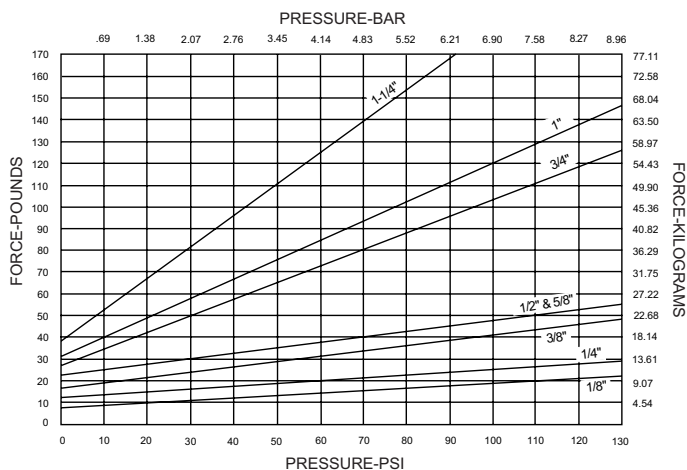


29 Series Performance Data

Force to Connect

Pressure Loss vs. Flow



¹Pressure loss vs. flow is in water with specific gravity of 1.0. For fluids with sg of .85, multiply by 1.58; for fluids with sg of .83, multiply by 1.60. Temperature 100°F (55°C). Note: Gallons shown are in U.S. gallons.

Pressure Ratings

Coupling Size	Aluminum Working Pressure		Stainless Steel Working Pressure	
	psig	(bar)	psig	(bar)
1/8	4800	(331)	5500	(379)
1/4	3200	(221)	3800	(262)
3/8	3000	(207)	3200	(221)
1/2	2200	(152)	3000	(207)
1/2 x 5/8	2200	(152)	3000	(207)
3/4	1200	(83)	2000	(138)
1	1000	(69)	1500	(103)
1-1/4	750	(52)	1000	(69)

Pressure ratings were established under static pressure conditions. Therefore, pressure ratings for any given flow, pressure surge and/or vibration may vary these ratings. Proof pressure = 1.5 x working pressure Burst pressure = 2.5 x working pressure

Air Inclusion on Connect, Spillage on Disconnect

Coupling Size	Air Inclusion*		Spillage	
	in ³	(cc)	in ³	(cc)
1/8	.002	(.03)	<.001	(<.02)
1/4	.002	(.03)	<.001	(<.02)
3/8	.002	(.03)	<.001	(<.02)
1/2	.012	(.19)	.007	(.12)
1/2 x 5/8	.012	(.19)	.007	(.12)
3/4	.008	(.13)	.005	(.08)
1	.008	(.13)	.005	(.09)
1-1/4	.012	(.19)	.007	(.12)

*NOTE: Air inclusion at 0 psig (0 bar) internal pressure; spillage at 60 psig (4 bar) for 1/8" and 15 psig (1 bar) internal pressure for 1/4" through 1-1/4".