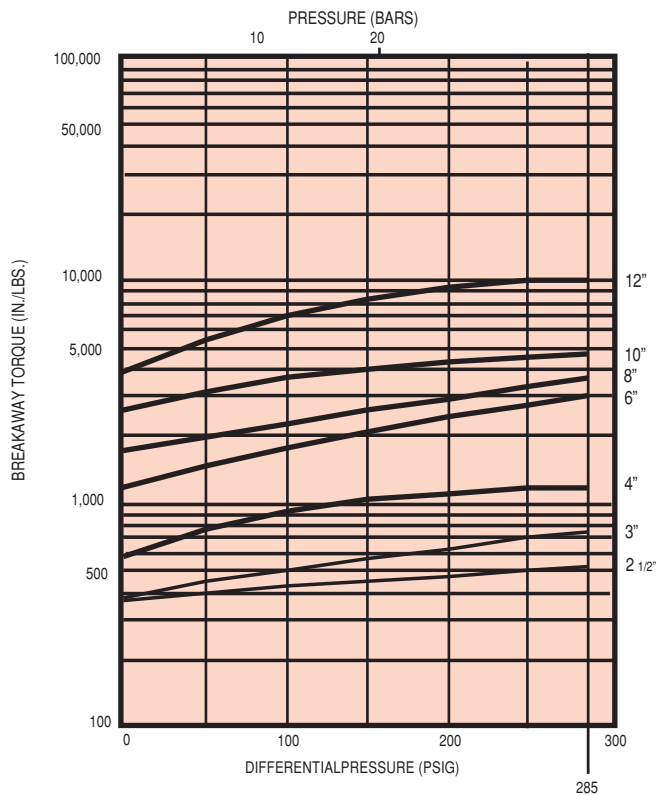


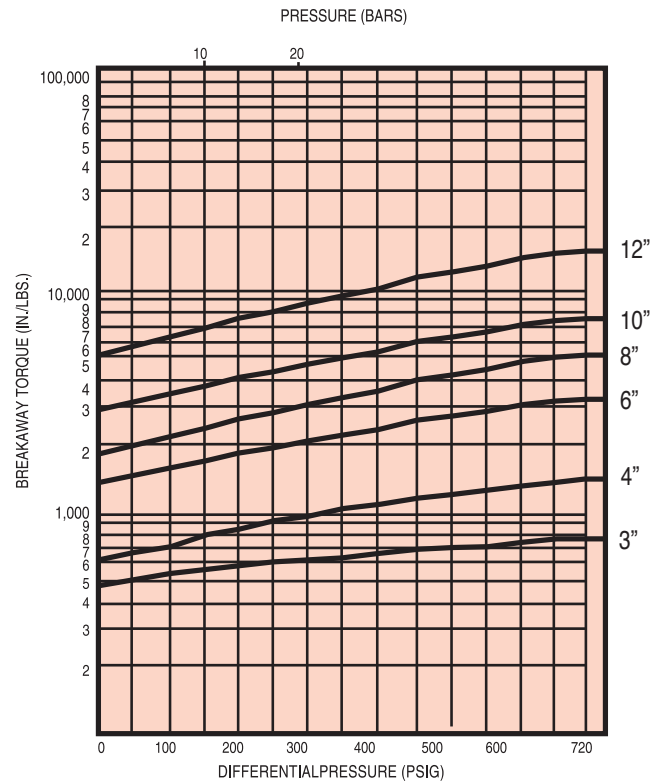
Technical Data

Torque - ANSI Class 150



Note: Torques based on clean service only.
Certain highly viscous or abrasive services could increase these values.

Torque - ANSI Class 300



Note: Torques based on clean service only.
Certain highly viscous or abrasive services could increase these values.

Torque in LBS									
PSIG	100		200		285		400	600	740
Size	150#	300#	150#	300#	150#	300#	300#	300#	300#
3"	500	500	610	610	720	720	750	775	825
4"	900	900	1100	1100	1300	1300	1400	1500	1700
5"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6"	1600	1600	2400	2400	3000	3000	3200	3400	3500
8"	2300	2500	2900	3200	3500	3500	4000	4700	5000
10"	3700	4000	4400	4500	4600	5300	5800	7000	7500
12"	7000	7700	9100	9400	9900	9900	10000	12500	13500