

# DIAPHRAGM VALVE PERFORMANCE DATA

## GENERAL INFORMATION

CLOSURE TORQUES							HANDWHEEL TURNS REQUIRED				NOMINAL VALVE TRAVELS			
Size	Weir Type (A)		Straight Thru (KB)		High Flow (K)		Valve Size	No. of Turns Between Open and Closed Positions			Valve Size	Weir Type (A)	Straight Thru (KB)	High Flow (K)
	Max. Cold Working Press. psi	Torque in.-lbs.	Max. Cold Working Press. psi	Torque in.-lbs.	Max. Cold Working Press. psi	Torque in.-lbs.		Weir Type (A)	Straight Thru (KB)	High Flow (K)				
1/2"	232	27	100	36	—	—	1/2"	2	—	—	1/4"	1/8"	—	—
3/4"	232	35	—	—	—	—	3/8"	2 1/4	—	—	3/8"	3/16"	—	—
1"	232	37	100	75	—	—	1/2"	1 3/4	5 1/2	—	1/2"	1/4"	5/8"	—
1 1/4"	232	130	—	—	—	—	3/4"	1 1/2	—	—	3/4"	5/16"	—	—
1 1/2"	232	130	100	75	100	155	1"	2 3/4	6 1/2	—	1"	7/16"	1 1/16"	—
2"	232	160	100	155	100	450	1 1/4"	3	—	—	1 1/4"	9/16"	—	—
2 1/2"	145	300	100	450	100	540	1 1/2"	3 1/2	6 1/2	8	1 1/2"	3/4"	1 1/16"	1 9/16"
3"	145	390	100	540	100	720	2"	5 1/4	7 3/4	10	2"	1 1/8"	1 9/16"	1 15/16"
4"	145	624	100	720	100	880	2 1/2"	7 1/4	9 3/4	12 1/2	2 1/2"	1 7/16"	1 15/16"	2 7/16"
5"	145	990	50	880	50	960	3"	8 1/4	13	14	3"	1 5/8"	2 7/16"	2 13/16"
6"	145	1550	50	960	50	1500	4"	10 1/2	14 1/4	17	4"	2 1/8"	2 13/16"	3 5/16"
							5"	14	17	22	5"	2 13/16"	3 5/16"	4 7/16"
							6"	16 3/4	18 1/2	19 1/2	6"	3 3/16"	4 7/16"	4 13/16"
							8"	23	19 1/4	29	8"	4 9/16"	4 13/16"	7 1/4"
							10"	28 3/4	29	32	10"	5 3/4"	7 1/4"	8"
							12"	33	32	48	12"	6 9/16"	8"	12"
							14"	36	48	48	14"	9"	12"	12"

Axial closure loads available on request.

To the nearest 1/4 turn.