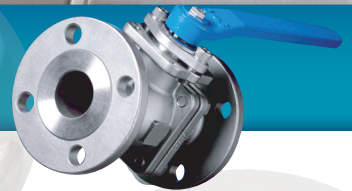


V-PORT BALL VALVES



TRU-FLO'S 3-PC SANITARY AND INDUSTRIAL VALVES ARE MANUFACTURED WITH DURABILITY, RELIABILITY AND QUALITY AS THEIR CORE FEATURES. THE TECHNICAL DESIGN PROVIDED IN THE STEM OF THE VALVE VIRTUALLY GUARANTEES LEAK-FREE, LOW TORQUE OPERATION.

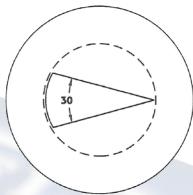
THE LIVE LOADED TECHNOLOGY AUTOMATICALLY COMPENSATES FOR STEM SEAL WEAR DURING THE LIFE OF THE VALVE. THIS DESIGN ADJUSTS FOR THERMAL CHANGES, HIGH CYCLE APPLICATIONS, AND ENSURES COMPLETE FUGITIVE EMISSION CONTROL.

THIS MAKES **TRU-FLO** VALVES AN EXCELLENT CHOICE WHEN NEEDING CAPACITY CONTROL, MODULATION, EASY AUTOMATION, AND A RELIABLE ALTERNATIVE TO A GLOBE VALVE.

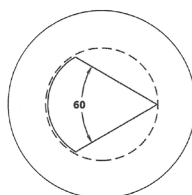
A VARIETY OF SEATING MATERIALS ARE AVAILABLE AND STOCKED IN REGULAR AND ENCAPSULATED STYLES; RTFE, TFM1600 (ENHANCED TFE), PTFE, AND OUR HIGHLY RECOMMENDED SST X PTFE.

V-Port available in sanitary*, 3PC industrial*, and flanged valves.

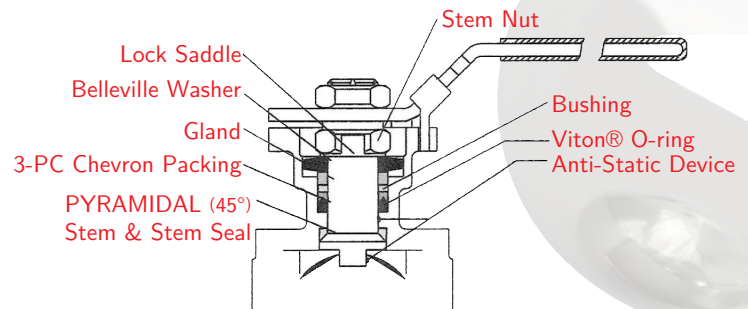
*Available in regular or cavity filled seats



30° V-Port
Fine Control



60° V-Port
Medium Control



Valves 1¼" and above are provided with 2 Viton® o-rings in stem

Cv Values - Valve Sizing Coefficients

Size	Ball Angle	0%	15%	20%	30%	40%	50%	60%	70%	80%	90%	100%
½"	30	0.0	0.1	0.1	0.2	0.3	0.5	0.8	1.1	1.6	2.2	2.6
	60	0.0	0.1	0.1	0.3	0.5	0.9	1.4	2.0	3.3	4.4	6.0
	90	0.0	0.1	0.2	0.4	0.6	0.9	1.5	2.2	3.8	5.4	6.9
¾"	30	0.0	0.1	0.2	0.5	0.7	1.2	1.8	2.4	3.3	4.5	5.4
	60	0.0	0.1	0.2	0.7	1.0	1.7	2.8	4.0	6.5	9.0	12.0
	90	0.0	0.2	0.4	0.8	1.2	2.0	3.1	4.6	8.0	11.3	14.0
1"	30	0.0	0.1	0.3	0.8	1.3	2.3	3.5	5.1	9.8	8.5	10.0
	60	0.0	0.2	0.4	1.1	1.8	3.4	5.3	7.9	12.3	15.3	21.0
	90	0.0	0.2	0.6	1.8	3.4	5.1	8.1	11.4	16.0	21.0	29.0
1¼"	30	0.0	0.2	0.4	1.1	2.0	3.7	5.5	8.0	10.0	13.0	15.0
	60	0.0	0.2	0.6	1.8	3.0	5.5	9.5	12.8	19.0	26.0	39.0
	90	0.0	0.3	0.8	2.0	5.0	8.0	14.0	19.0	28.0	39.0	55.0
1½"	30	0.0	0.3	0.6	1.6	3.0	5.0	7.5	11.0	14.0	17.0	20.0
	60	0.0	0.3	0.8	2.5	4.0	8.0	13.0	19.0	27.0	40.0	52.0
	90	0.0	0.4	0.9	3.5	7.0	13.0	20.0	31.0	42.0	63.0	78.0
2"	30	0.0	0.4	1.2	3.8	6.0	10.0	15.0	23.0	31.0	43.0	60.0
	60	0.0	0.4	1.5	4.6	9.0	16.5	27.0	29.0	55.0	83.0	110
	90	0.0	0.5	2.0	6.0	12.0	22.0	35.0	45.0	70.0	105	135
2½"	30	0.0	0.4	1.0	4.0	8.0	12.0	18.0	28.0	37.0	62.0	75.0
	60	0.0	0.4	1.5	5.0	10.0	21.0	34.0	53.0	75.0	103	150
	90	0.0	0.5	1.7	7.0	14.0	28.0	48.0	70.0	106	160	218
3"	30	0.0	0.5	1.2	4.0	8.0	14.0	23.0	33.0	46.0	65.0	82.0
	60	0.0	0.5	2.5	6.0	14.0	25.0	40.0	65.0	91.0	128	165
	90	0.0	0.7	3.5	8.0	18.0	35.0	60.0	90.0	135	205	310
4"	30	0.0	0.6	2.0	6.0	15.0	29.0	48.0	71.0	100	130	159
	60	0.0	0.7	3.0	11.0	25.0	40.0	59.0	90.0	141	212	356
	90	0.0	1.0	3.5	16.0	40.0	75.0	125	190	295	442	670
6"	30	0.0	0.9	3.2	14.0	33.0	60.0	103	155	220	280	350
	60	0.0	2	5.0	22.0	60.0	110	190	285	416	586	800
	90	0.0	3	8.0	35.0	90.0	160	280	425	650	970	1480

