

SERIES 920D V-PORT

SANITARY 3-PIECE STAINLESS DIRECT MOUNT BALL VALVE
 V CHARACTERIZED PORT OPTION FOR FINE THROTTLING



FEATURES:

Triad offers a characterized V-Ball Option on the series 920D Sanitary Ball Valve. This option provides a cost effective alternative to traditional style globe control valves. The various angles of "V" machining in the valve ball provides endless control options for all process applications.

V-PORT ANGLES:



30°

The 30° option allows for a finer control throughout the valve rotation.



60°

The 60° option provides a larger Cv across the valve for fluid control.

Triad V Ball Flow Coefficients - Cv Chart and Sizing Data

SIZE	BALL ANGLE	0%	15%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1/2"	30%	0	0	0.10	0.20	0.30	0.50	0.80	1.10	1.60	2.20	2.60
	60%	0	0	0.10	0.30	0.50	0.90	1.40	2.00	3.30	4.40	6.00
3/4"	30%	0	0	0.10	0.20	0.40	0.90	1.50	2.40	3.30	4.50	5.40
	60%	0	0	0.10	0.20	0.60	1.70	2.30	4.00	6.50	9.00	12.00
1"	30%	0	0	0.10	0.20	0.50	1.00	2.20	3.00	4.50	6.00	7.50
	60%	0	0	0.10	0.30	0.75	1.80	3.30	5.50	7.50	11.60	16.00
1-1/2"	30%	0	0	0.60	2.10	3.20	4.40	5.80	12.00	14.00	18.00	22.00
	60%	0	0	0.80	2.50	4.00	6.70	10.50	17.00	24.00	36.00	58.00
2"	30%	0	0.90	1.40	4.20	6.00	8.70	13.00	19.00	23.00	29.00	40.00
	60%	0	1.00	2.00	4.60	7.80	14.70	21.00	30.00	44.00	58.00	85.00
2-1/2"	30%	0	1.00	1.00	4.00	8.00	12.00	18.00	28.00	37.00	62.00	75.00
	60%	0	1.00	1.50	5.00	10.00	21.00	34.00	48.00	64.00	95.00	130.00
3"	30%	0	1.00	1.20	4.00	8.00	22.00	35.00	52.00	68.00	99.00	140.00
	60%	0	1.00	2.50	6.00	14.00	25.00	40.00	65.00	91.00	128.00	160.00
4"	30%	0	1.00	2.00	6.00	15.00	29.00	48.00	71.00	100.00	130.00	145.00
	60%	0	1.00	3.00	11.00	25.00	40.00	59.00	90.00	141.00	212.00	340.00