

V-PACK

This type of shaft seal utilizes polymers in substitution of elastomers.

The stem is sealed by applying an axial compression setting to a series of PTFE rings positioned between the stem and the valve body.

The advantage of this seal is that the polymer (virgin PTFE) is not altered in contact with the fluids and can be used in many industrial applications including highly corrosive chemical ones.



Valve section with V-pack stem seal.



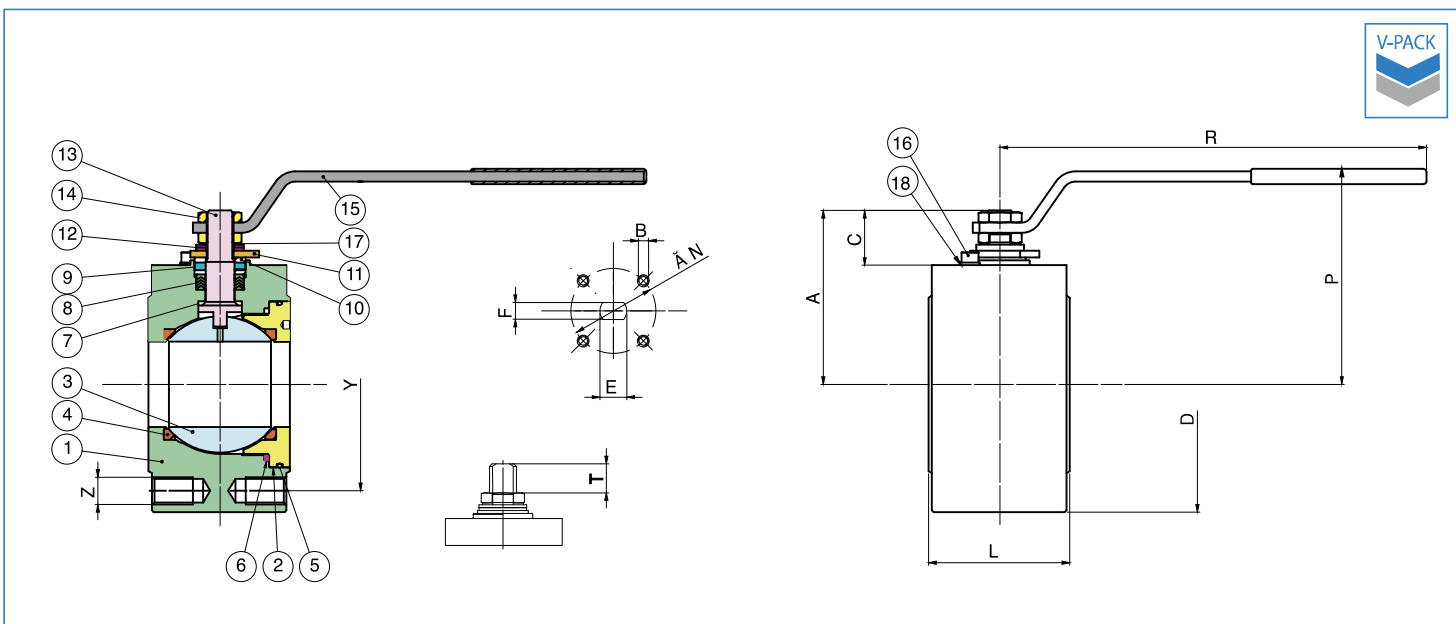
SERIES 722V17 CARBON STEEL WAFER BALL VALVE

Carbon steel ANSI class 150 flanged ball valve, full port.

- Temperature range -4°F to 366°F.
- Blow-out proof stem.
- TFM-MPTFE ball seats PTFE V-pack stem packing graphoil stem seat.
- Space saving design.
- 100% tested.
- Fugitive emission 15848 tested.
- ANSI B16.34 design.
- ISO 5211 mounting pad with double "D" stem.
- Locking handles available.
- Fire safe certified to EN ISO 10497 and API 607.

722V17: size 1/2" to 4".

COMPLIES WITH NACE MR 0175/ISO 15156 AND NACE MR 0103.



N POS	PART NAME	MATERIAL	N POS	SIZE	D	Y	L	R	P	A	C	T	E	F	ISO5211 ØN	B	Break Torque in-Lbs	Cv	Weight Lbs
1	BODY	ASTM -A105	1	1/2"	3.74	2.37	1.42	5.16	2.76	2.05	0.71	0.31	M10	0.28	F03	4xM5	35	19.20	1.64
2	END CONNECTION	ASTM -A105	1	3/4"	4.13	2.75	1.54	5.16	2.95	2.20	0.69	0.30	M10	0.28	F03	4xM5	115	35.00	2.15
3	BALL	A351-CF8	1	1"	4.53	3.13	1.73	6.85	3.66	2.85	1.02	0.41	M12	0.31	F04	4xM5	124	64.50	2.56
4	BALL SEATS	TFM-MPTFE	2	1 1/4"	5.51	3.50	2.05	6.85	3.82	2.97	0.98	0.37	M12	0.31	F04	4xM5	150	103.80	3.86
5	O-RING	FKM (Viton)	1	1 1/2"	5.91	3.87	2.52	9.84	4.65	3.66	1.22	0.51	M16	0.39	F05	4xM6	195	174.00	5.35
6	BODY SEAT	PTFE	1	2"	6.50	4.75	3.27	9.84	5.00	4.02	1.26	0.51	M16	0.39	F05	4xM6	292	301.30	7.50
7	ANTIFRICTION RING	TFM-MPTFE	1	2 1/2"	7.28	5.50	4.13	12.64	5.63	4.76	1.52	0.75	M20	0.55	F07	4xM8	540	545.70	12.30
8	V-PACK	PTFE	1	3"	7.87	6.00	4.76	12.64	6.06	5.20	1.71	0.79	M20	0.71	F07	4xM8	637	872.50	16.83
9	STEM SEAT	GRAPHOIL	1	4"	8.66	7.50	5.98	15.00	6.61	5.75	1.65	0.75	M24	0.71	F10	4xM10	956	1363.30	24.30
10	PACKING GLAND	A479-Tp316	2																
11	END STOP	A37 ENP CS	1																
12	SPRING WASHER	50CrV4	2																
13	STEM	A479-Tp316	1																
14	NUT	6S ENP CS	2																
15	HANDLE	A37 ENP CS	1																
16	SCREW	A2-70	2																
17	ENSCREWING WASHER	AISI 316	1																
18	WASHER	AISI 304	2																