

VELAN

Oilfield forged ball valves S3P-2000/3000



Up to 3000 WOG • Sizes: 1/2–3" (15–80 mm)
Full compliance to ASME B16.34 • Fire-tested to API 607 Rev. 5/ISO 10497



S3P-2000/3000 3-PIECE BALL VALVE SOCKET WELD, THREADED, FLANGED CONNECTION 1/2–3" (15–80 mm)

Velan is one of the world's leading manufacturers of industrial steel gate, globe, check, ball, triple-offset and engineered severe service valves. Founded in 1950, Velan has become a leader in designing and manufacturing high quality valves built for low emissions, simple maintenance and long, reliable service life.

For over 40 years, Velan resilient-seated ball valves have been providing superior performance in a broad range of applications in the chemical, refining and petrochemical, oil and gas, power generation, pulp and paper mining, water and wastewater and HVAC industries. Velan offers a complete range of resilient-seated ball valves and continues to innovate in this competitive market.

For more information:

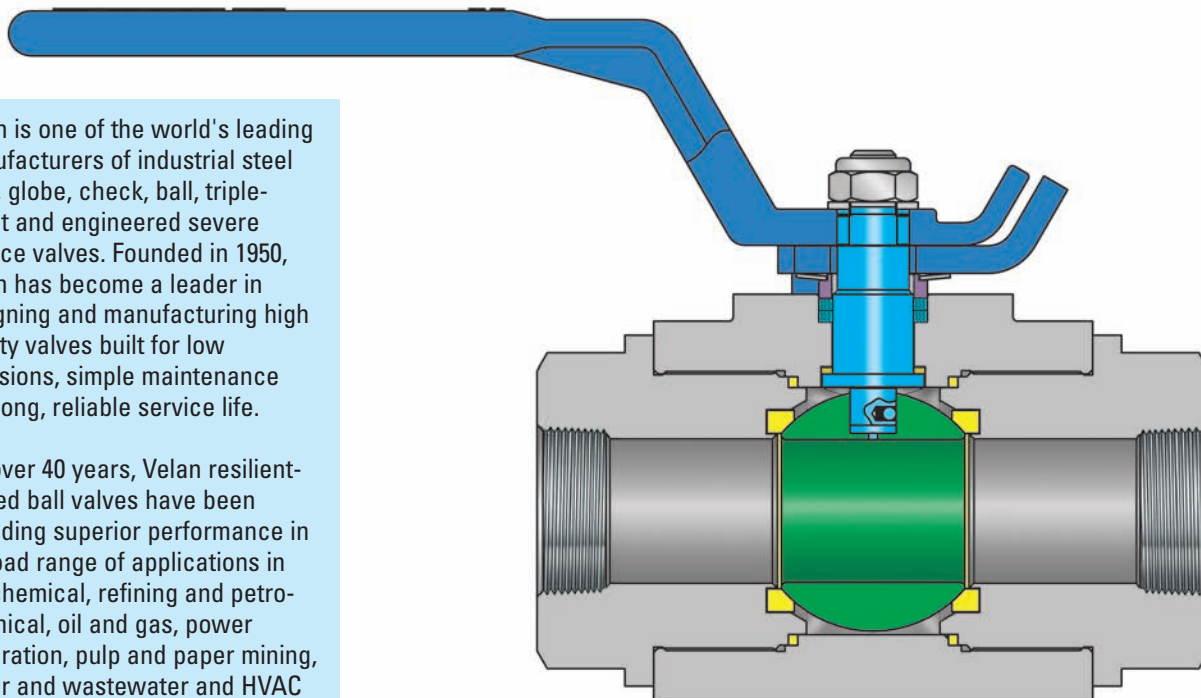
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Velan has sales offices and distributors worldwide.



Velan's new S3P-3000 forged 3-piece valve is a high pressure ball valve designed for tough, rugged services. This resilient seated valve has superior sealing characteristics in the seat, stem and body seals.

- Full compliance to ASME B16.34
- Fire tested to API 607 Rev. 5/ ISO 10497
- C-RPTFE or POM (Polyoxymethylene) seats
- Graphite packing
- Large robust lockable handle
- Bi-directional

STANDARDS

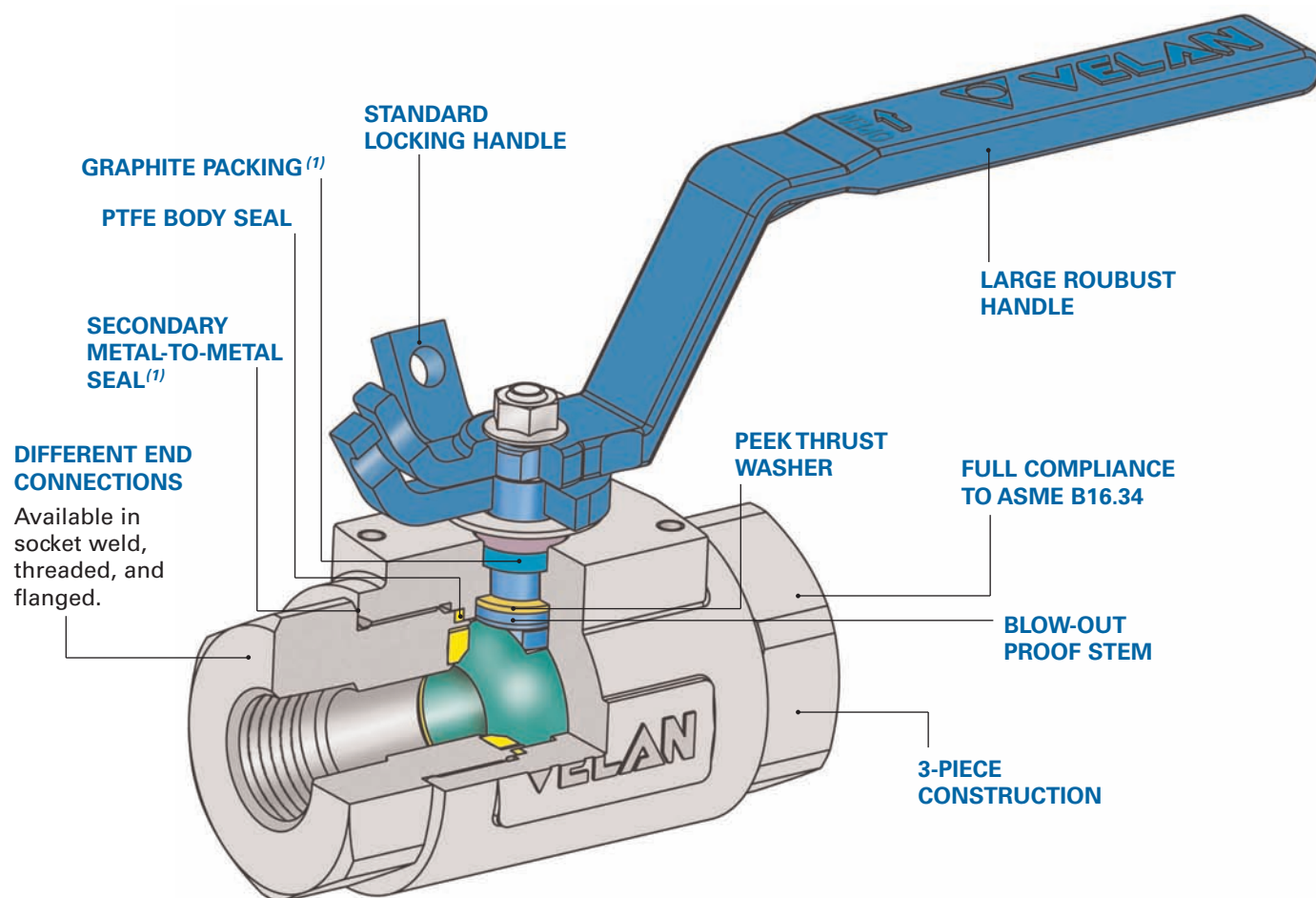
- API 607
- ASME B16.34
- API 598
- MSS SP-25
- NACE MR0103

AVAILABLE OPTIONS

- API 6A/6D

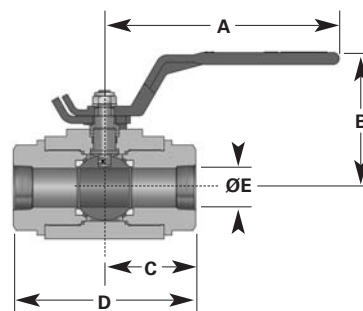
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DESIGN FEATURES



(1) For fire safe performance exceeding API 607 Rev. 5/ISO 10497

STANDARD DIMENSIONS, CVs, AND WEIGHTS



FULL PORT

SIZE in mm	Dimensions					NPT	CV KV	WEIGHT lb kg
	A	B	C	D	ØE			
1/2 15	5.00 127	3.27 83	2.19 56	4.38 111	0.50 12.7	1/2-14	27 23	3.0 1.4
3/4 20	7.00 178	4.12 105	2.13 54	4.25 108	0.75 19.1	3/4-14	52 44	4.5 2.0
1 25	8.50 216	4.88 124	2.75 70	5.50 140	0.94 23.9	1-11 1/2	100 85	8.8 4.0
1 1/2 40	10.50 267	5.98 152	3.13 80	6.25 159	1.50 38.1	1 1/2-11 1/2	275 234	16.1 7.3
2 50	12.00 305	7.11 181	3.13 80	6.25 159	2.00 50.8	2-11 1/2	510 434	27 12

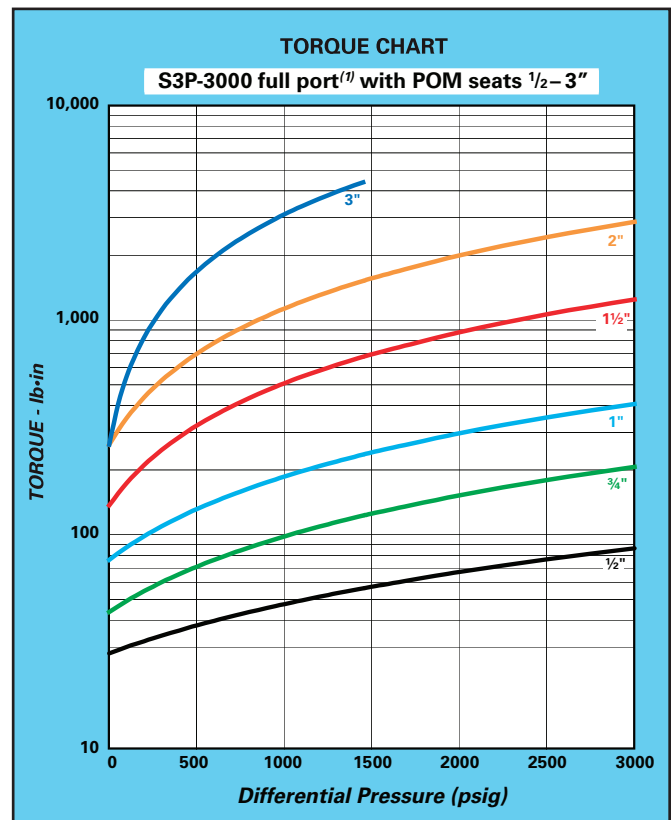
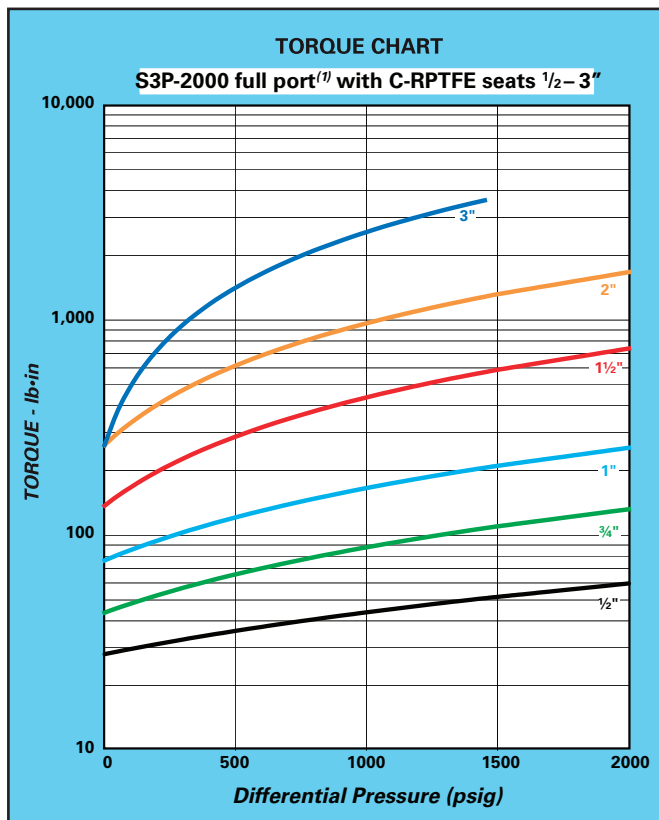
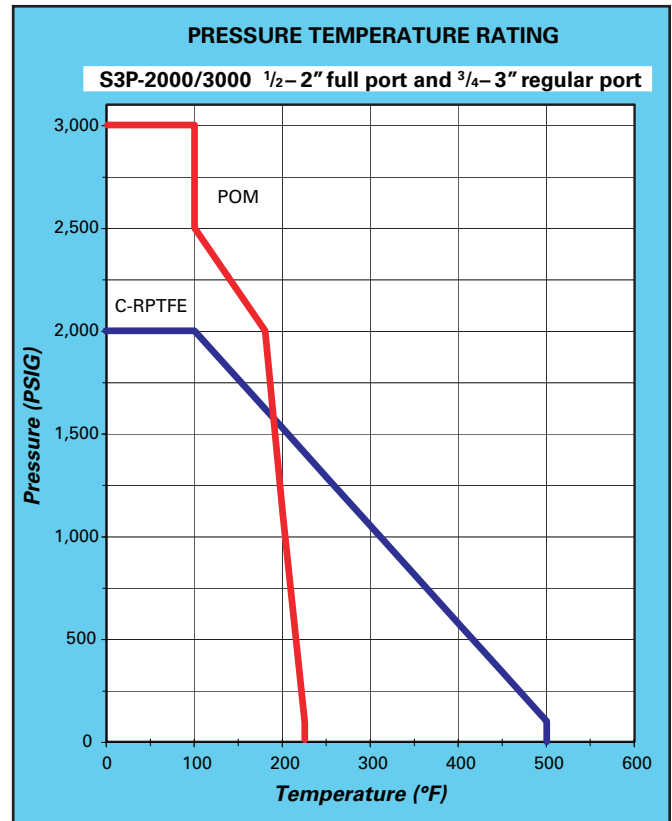
REGULAR PORT

SIZE in mm	Dimensions					NPT	CV KV	WEIGHT lb kg
	A	B	C	D	ØE			
3/4 20	5.00 127	3.27 83	2.19 56	4.38 111	0.50 12.7	3/4-14	15 13	3.2 1.5
1 25	7.00 178	4.12 105	2.13 54	4.25 108	0.75 19.1	1-11 1/2	37 31	4.8 2.2
1 1/2 40	8.50 216	4.88 124	3.00 76	6.00 152	0.94 23.9	1 1/2-11 1/2	55 47	9.9 4.5
2 50	10.50 267	5.98 152	3.13 80	6.25 159	1.50 38.1	2-11 1/2	128 109	16.8 7.6
3 80	12.00 305	7.11 181	5.00 127	10.00 254	2.00 50.8	3-8	441 375	37 17

S3P-2000/3000 3-PIECE BALL VALVE

STANDARD MATERIALS

PART	CARBON STEEL	STAINLESS STEEL
Body	A105	CF8M
Body end cap	A105	CF8M
Stem	SS 630	
Ball	SS 630	
Thrust washer	PEEK	
Seat	POM or C-RPTFE	
Packing ring	Die-formed flexible graphite	
Handle nut	CS plated	
Body seal	PTFE	
Locking device	Malleable iron	
Handle	Malleable iron	
Belleville washer	17-7ph	
Hex head cap screw	SS 304	
Handle washer	SS 304	
Packing bushing	SS 316	
Packing washer	SS 316	
Packing flange	WCB	CF8M
Antistatic spring	SS 302	



(1) For regular port use one size down. (Eg.: 3"R.P. = 2"FP.)