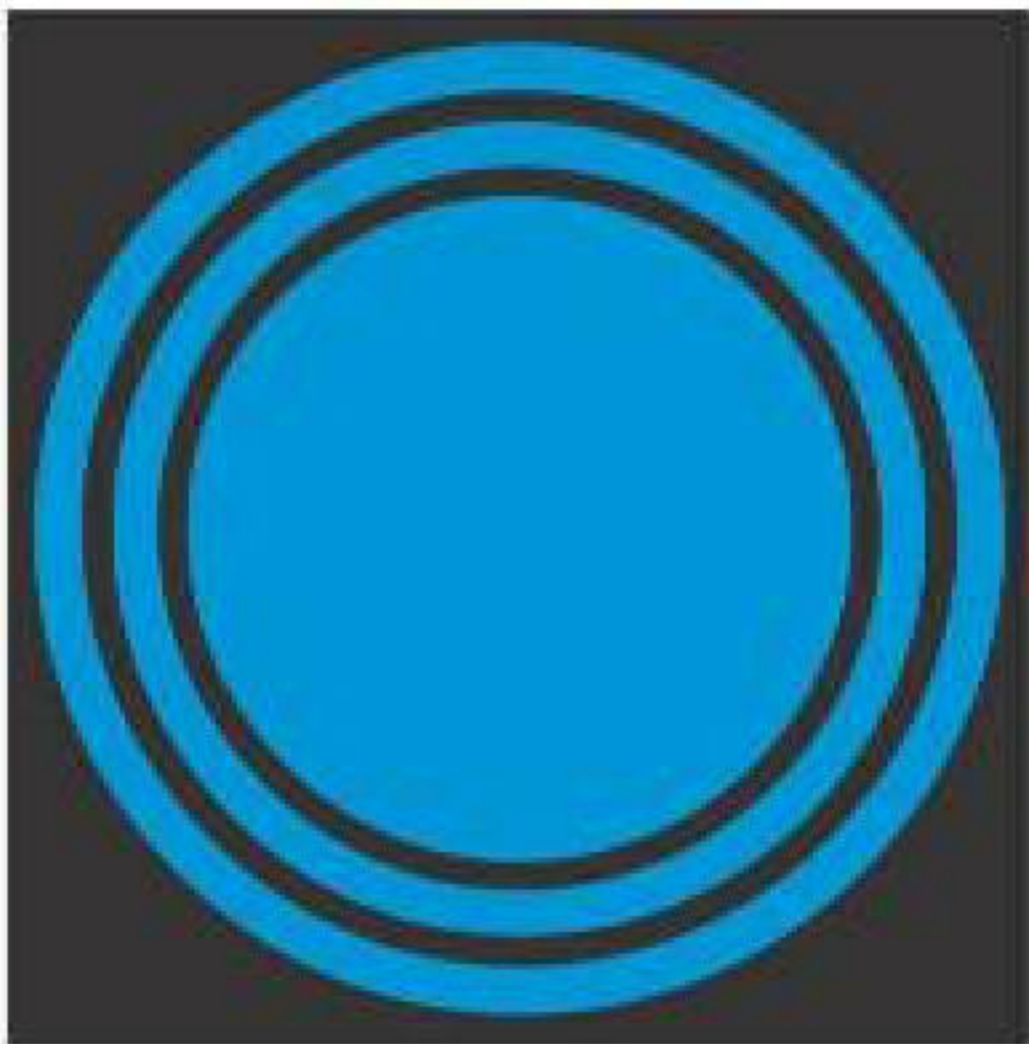


ENGINEERING RE-DEFINED



SATURN[®]
VALVES



Forged Steel Gate,
Globe & Check Valve

ISO 9001
BUREAU VERITAS
Certification



50
Years
OF SERVICE

Globe Valve



Globe valves are suitable for throttling as well as shutoff. They are installed such a way that the media pressure and preferred flow direction are under the disc (as illustrated).

Size	Class	Ends	Model No.
8-50 mm 1/4" to 2"	800	Threaded to BSP 'II'	GB-1-R-P-A4
		Threaded to NPT	GB-1-R-N-A4
		Socketweld	GB-1-R-W-A4
		Buttweld	GB-1-R-B-A4
20-40 mm 3/4" to 1 1/2"	1500	Threaded to BSP 'II'	GB-1-R-P-A6
		Threaded to NPT	GB-1-R-N-A6
		Socketweld	GB-1-R-W-A6
		Buttweld	GB-1-R-B-A6
15-50 mm 1/2" to 2"	150	Welded Flange, Raised face	GB-1-R-F-A1
	300		GB-1-R-F-A2
	600		GB-1-R-F-A3



FEATURES

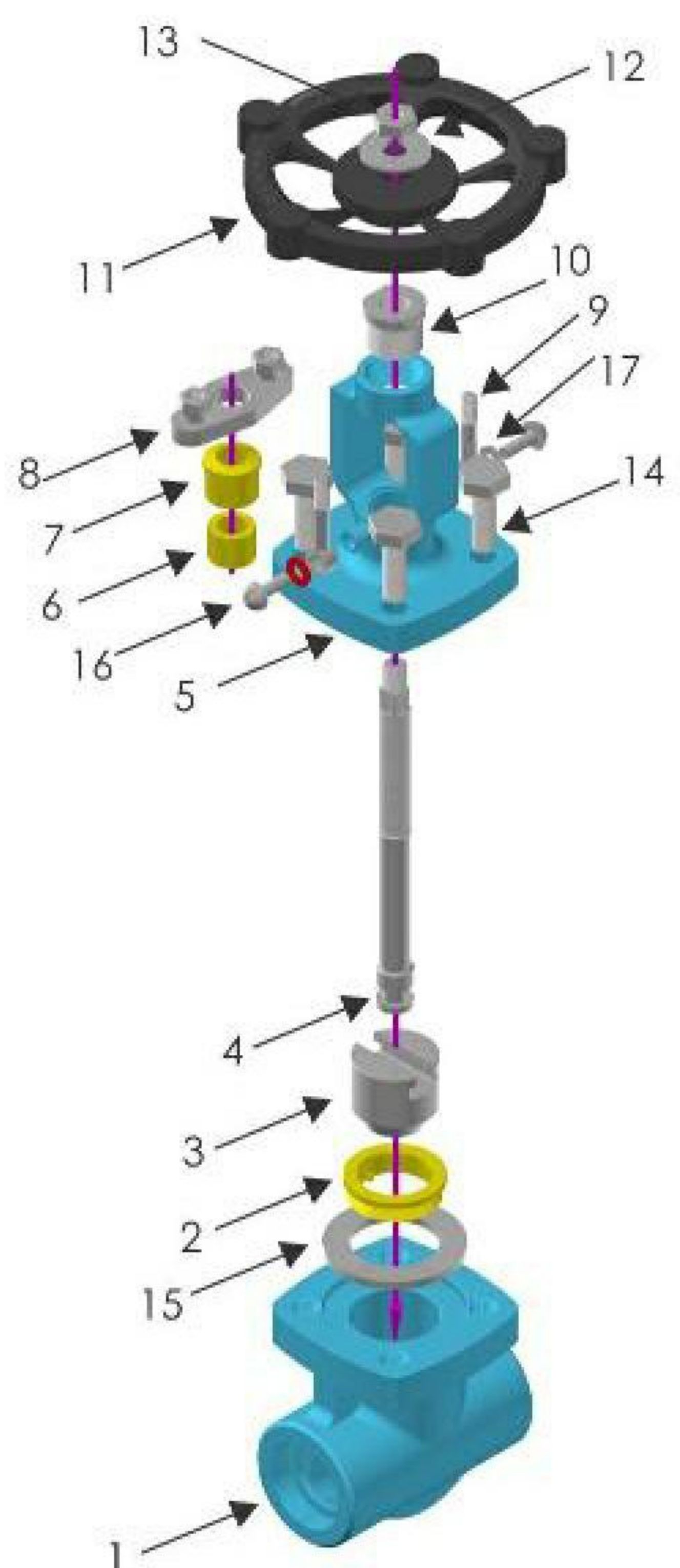
- Reduced or Full Port
- Compact Outside Screw & yoke
- Spiral Wound Gasket of Stainless Steel
- Bolted bonnet
- Replaceable or Integral Hard faced Seat

STANDARDS COMPLIANCE

- Valve Design EN ISO 15761 & ASME B16.34
- End to End ASME B16.10 for flanged valves & MEWPL Std. for threaded / socket & Buttweld ends
- Threaded as per BSP II - IS 554 & NPT as per ANSI B 1.20.1
- Socket weld as per ANSI B 16.11
- Buttweld Dimensions ASME B16.25
- Flanged Dimensions ASME B16.5 & ISO 7005-1 Part.

TESTS AND CERTIFICATES

- Pressure testing API 598
- Other ISO 9001:2008



No.	DESCRIPTION	MATERIAL				
1	BODY	A 105N	A182 F 304	A182 F 304 L	A182 F 316	A182 F 316 L
2	SEAT RING	A276-410 OR WITH STL.	304/304 STL.	304 L/304L STL.	316/316 STL.	316 L /316 L STL.
3	PLUG	A276-420 OR WITH STL.	304/304 STL.	304 L/304L STL.	316/316 STL.	316 L /316 L STL.
4	STEM	A276 410	A 276 304	A 276 304 L	A 276 316	A 276 316 L
5	BONNET	A 105N	A182 F 304	A182 F 304 L	A182 F 316	A182 F 316 L
6	GLAND PACKING	GRAPHITE	GRAPHITE/PTFE			
7	GLAND BUSH	A276 410	A 276 304	A 276 304 L	A 276 316	A 276 316 L
8	GLAND FLANGE	CARBON STEEL	STAINLESS STEEL			
9	EYE BOLT & NUT	A 193 GR.B7	A 193 GR.B7 OR B8			
10	YOKE NUT	SG IRONNICKEL RESIST				
11	HAND WHEEL	CARBON STEEL	STAINLESS STEEL			
12	WASHER	CARBON STEEL				
13	HAND WHEEL NUT	CARBON STEEL				
14	BONNET BOLT	A 193 GR.B7	A 193 GR.B7 OR B8			
15	BODY JOINT GASKET	SS 304 SPW + GRAPHITE			SS 316 SPW + GRAPHITE	
16	EYE BOLT GUIDE SCREW	CARBON STEEL	STAINLESS STEEL			
17	EYE BOLT GUIDE WASHER	CARBON STEEL	STAINLESS STEEL			

SIZE	B	E	F	J	SCREWED, BUTTWELD & SOCKET 800#			CLASS 150	CLASS 300	CLASS 600
					A	B1	C			
15	12.7	161	170	89	87	21.7	9.5	108	140	165.1
20	19	167	177	89	90	27.1	12.7	117.6	152	190.5
25	25.4	172	186	89	105	33.8	12.7	127	165	215.9
32	32	250	268	146	128	42.5	12.7	140	178	229
40	38	250	268	146	128	48.6	12.7	165	190.5	241
50	50.8	262	284	146	142	61.1	16	203	216	292

ALL DIMENSIONS ARE IN MM

