ENGINEERING RE-DEFINED





Forged Steel Gate, Globe & Check Valve







Gate Valve

Gate valves are designed to operate in a fully open or fully closed position. When open, the media will flow with minimal turbulence and pressure drop through the valve. Gate valves are available with a variety of body and trim materials, stem packing and end connections. The rugged construction of forged gate valves provide an extended life of safe operation. Metal-to-metal seating surfaces accommodate the widest range of pressure-temperature conditions.

Size	Class	Ends	Model No.
8-50 mm 1/4" to 2"	800	Threaded to BSP 'II'	GT-1-R-P-A4
		Threaded to NPT	GT-1-R-N-A4
		Socketweld	GT-1-R-W-A4
		Buttweld	GT-1-R-B-A4
20-40 mm 3/4" to 1 1/2"	1500	Threaded to BSP 'll'	GT-1-R-P-A6
		Threaded to NPT	GT-1-R-N-A6
		Socketweld	GT-1-R-W-A6
		Buttweld	GT-1-R-B-A6
1 5 50	150		GT-1-R-F-A1
15-50 mm 1/2" to 2"	300	Welded Flange, Raised face	GT-1-R-F-A2
	600	kaisea lace	GT-1-R-F-A3





FEATURES

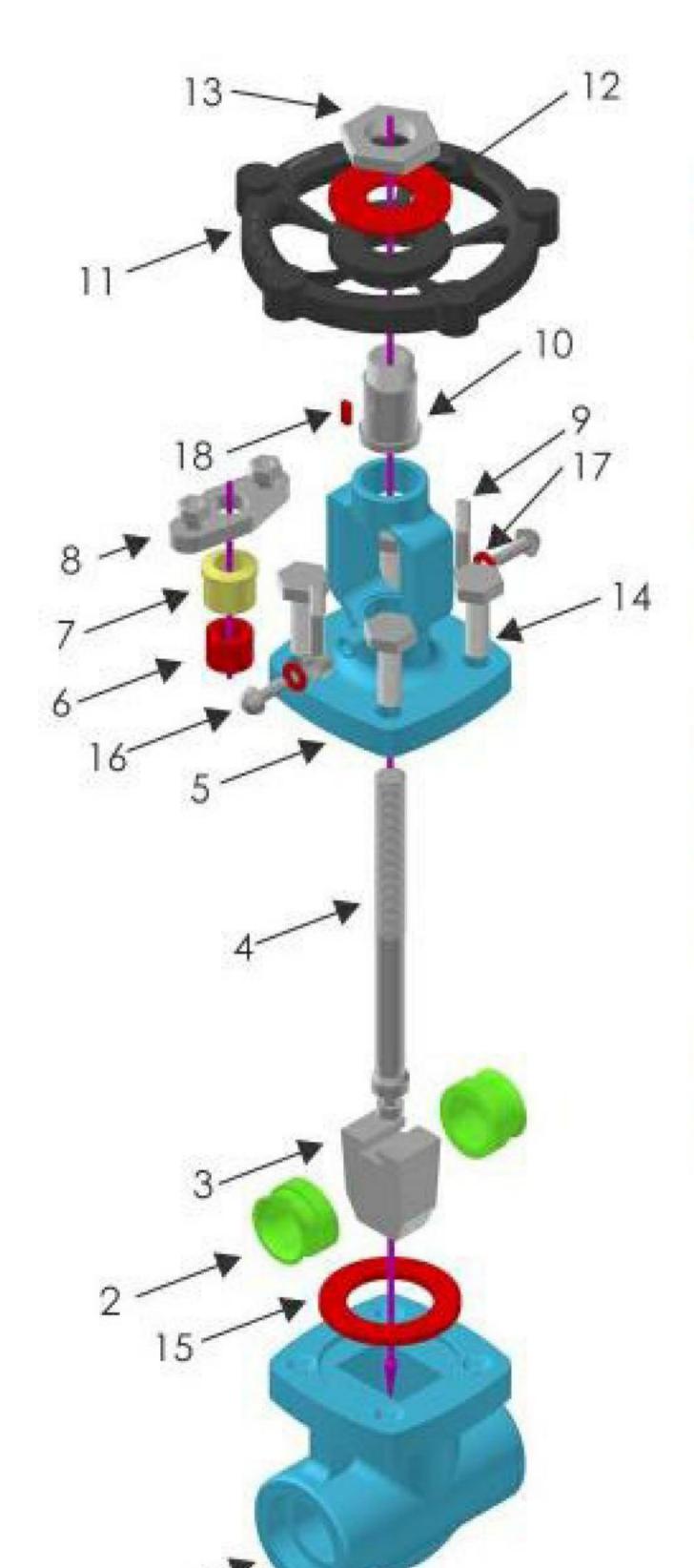
- Reduced or Full Port
- Compact Outside Screw & yoke
- Spiral Wound Gasket of Stainless Steel
- Bolted bonnet
- Replaceable or Integral Hard faced Seat

STANDARDS COMPLIANCE

- Valve Design API 602 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	ASTM SPECIFICATION						
- 1	BODI	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	WEDGE	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	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		B7 OR B8				
15	BODY JOINT GASKET	SS 304 SPW + GRAPHITE SS 316 S		SS 316 SPW	W + GRAPHITE			
16	EYE BOLT GUIDE SCREW	CARBON STEEL	STAINLESS STEEL					
17	EYE BOLT GUIDE WASHER	CARBON STEEL	STAINLESS STEEL					
18	HAND WHEEL KEY	CARBON STEEL						

SIZE	В	E	F	J		VED, BUTT OCKET 80		CLASS 150	CLASS 300	CLASS 600
					Α	B1	С		A1	
15	12.7	155	169	89	87	21.7	9.5	108	140	165.1
20	19	157	174	89	90	27.1	12.7	117.6	152	190.5
25	25.4	172	194	89	105	33.8	12.7	127	165	215.9
32	32	234	262	146	128	42.5	12.7	140	178	229
40	38	234	267	146	128	48.6	12.7	165	190.5	241
50	50.8	236	277	146	142	61.1	16	203	216	292

ALL DIMENSIONS ARE IN MM

ESET ESET				
'E' CLOSED HEIGHT				
			27.5 A. 2.5 M.	
		#SP	I WEI	
	A	A±2	- C - V	
	SOCKET WELD	THREADED END		ED FLANGE