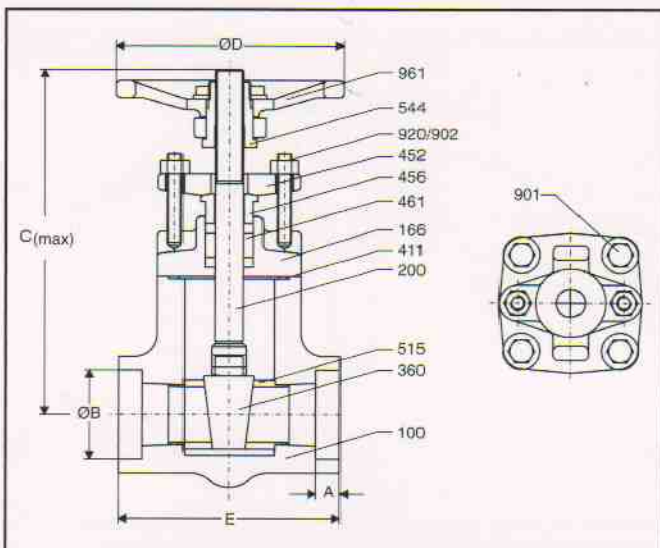


800 GATE VALVE
A. DESIGN / TEST SPECIFICATION

TEST (API 598)	(kg/cm ²)	(PSI)	TESTING MEDIUM
SHELL	210	2963	KEROSENE/WATER
BACK SEAT	153	2173	
SEAT LEAK	4 TO 7	60 TO 100	AIR
DESIGN SPECIFICATIONS			
GENERAL VALVE DESIGN & PR. TEMP. RATING			API 602
SOCKET WELD END DIMN			ASME B16.11
END TO END AS PER MANUFACTURER'S STANDARD			

B. MATERIAL

PART NO.	PART NAME	MATERIALS AS PER ASTM	
100	BODY	A 105	A 182-F316L
166	BONNET	A 105	A 182-F316L
200	STEM	A 479-410-2	A 276-316L
360	WEDGE	A 217-CA15	A 351-CF3M
411	GASKET	SS + GRPH	SS+GRPH
452	GLAND FLANGE	A 105	A 182-F316L
456	GLAND BUSH	A 276-410	A 276-316L
461	GLAND PACKING	GRAPHITE	GRAPHITE
515	SEAT RING	A 276-410+ST6	A 276-316L
544	STEM NUT	A 582-416	A 582-416
901	HEX BOLT	A 193-B7	A 193-B8M
902	STUD	A 193-B6	A 193-B8M
920	HEX NUT	A 194-2H	A 194-B8
961	HAND WHEEL	IS 2108-BM 340 / SG IRON	


C. DIMENSIONS

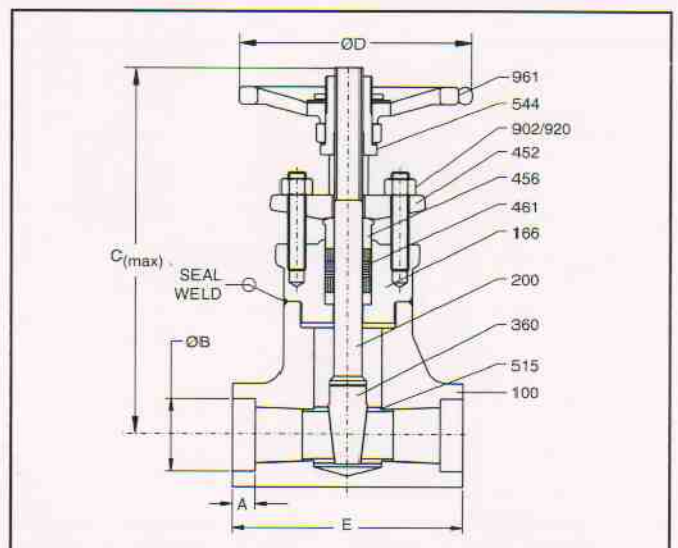
SIZE		E		ØB		C (max)		ØD		A	
INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
1/2	15	2.9	73	0.9	21.8	5.0	126	3.7	95	0.4	9.5
3/4	20	3.2	82	1.1	27.2	5.4	136	3.7	95	0.5	12.5
1	25	3.5	90	1.3	33.9	5.9	150	4.1	103	0.5	12.5
1½	40	5.0	127	1.9	48.8	8.1	205	5.0	127	0.5	12.5
2	50	5.8	148	2.4	61.2	9.5	242	5.8	147	0.6	16.0

1500 GATE VALVE
A. DESIGN / TEST SPECIFICATION

TEST (API 598)	(kg/cm ²)	(PSI)	TESTING MEDIUM
SHELL	396	5625	KEROSENE/WATER
BACK SEAT	291	4125	
SEAT LEAK	4 TO 6	60 TO 100	AIR
DESIGN SPECIFICATIONS			
GENERAL VALVE DESIGN			API 602
PR. TEMP. RATING			ASME B16.34
SOCKET WELD END DIMN			ASME B16.11
END TO END AS PER MANUFACTURER'S STANDARD			

B. MATERIAL

PART NO.	PART NAME	MATERIALS AS PER ASTM	
100	BODY	A 105	A 182 F22
166	BONNET	A 105	A 182 F22
200	STEM	A 479-410-2	A 479-410-2
360	WEDGE	A 217-CA15	Stellited
452	GLAND FLANGE	A 105	A 105
456	GLAND BUSH	A 276-410	A 276-410
461	GLAND PACKING	GRAPHITE	GRAPHITE
515	SEAT RING	A 276-410+ST6	A 276-410+ST6
544	STEM NUT	A 582-416	A 582-416
902	STUD	A 193-B8M CL.2	A 193-B8M CL.2
920	HEX NUT	A 194-2H	A 194-2H
961	HAND WHEEL	IS 2108-BM 340 / SG IRON	


C. DIMENSIONS

SIZE		E		ØB		C (max)		ØD		A	
INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
1/2	15	2.9	73	0.9	21.8	6.1	155	3.7	95	0.4	9.5
3/4	20	3.7	94	1.1	27.2	6.5	165	3.7	95	0.5	12.5
1	25	4.8	122	1.3	33.9	7.5	190	5.0	127	0.5	12.5
1½	40	6.3	160	1.9	48.8	10.1	255	5.8	147	0.5	12.5
2	50	7.0	178	2.4	61.2	10.7	270	5.8	147	0.6	16.0