



Technical Specification	1500#	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
Design standard API602/ISO15761	F/F (mm)	80	100	120	120	130	140
Testing Standard API 598	ØP (mm)	9.5	12.7	15.9	22.2	27.0	34.9
Face to Face Standard Mfg Standard	H OPEN (mm)	151	178	227	227	256	303
Socket Weld Standard ASME B16.11	H CLOSE (mm)	138	165	207	207	204	263
Screwed End Standard ASME B1.20.1	ØWh (mm)	86	116	150	150	150	225
Butt Weld Standard ASME B16.25	Approx. Weight (Kg)	1.7	2.9	6.1	5.9	8.5	13.9

GATE VALVE BOLTED DESIGN PART NO: M-GAV ORDER: PART NO+SIZE+MOC+END CONNECTION

SR NO	DESCRIPTION	MATERIAL		MATERIAL		MATERIAL		MATERIAL	
		MOC A 105	MOC F-304	MOC F-304	MOC F-316	MOC F-22	MOC F-22	MOC F-51	MOC F-51
01	BODY	ASTM A 105	ASTM A 182 GR. F-304	ASTM A 182 GR. F-304	ASTM A 182 GR. F-316	ASTM A 182 GR. F-22	ASTM A 182 GR. F-22	ASTM A 182 GR. F-51	ASTM A 182 GR. F-51
02	BONNET	ASTM A 105	ASTM A 182 GR. F-304	ASTM A 182 GR. F-304	ASTM A 182 GR. F-316	ASTM A 182 GR. F-22	ASTM A 182 GR. F-22	ASTM A 182 GR. F-51	ASTM A 182 GR. F-51
03	WEDGE	ASTM A 217 GR. CA-15	ASTM A 351 GR. CF8	ASTM A 351 GR. CF8	ASTM A 351 GR. CF8M	ASTM A 217 GR. CA-15	ASTM A 217 GR. CA-15	ASTM A 182 GR. F-51	ASTM A 182 GR. F-51
04	SEAT RING	ASTM A 276 TYPE 410	ASTM A 276 TYPE 304	ASTM A 276 TYPE 304	ASTM A 276 TYPE 316	ASTM A 276 TYPE 410	ASTM A 276 TYPE 410	ASTM A 182 GR F-51	ASTM A 182 GR F-51
05	STEM	ASTM A 182 GR. F6a	ASTM A 182 GR. F-304	ASTM A 182 GR. F-304	ASTM A 182 GR. F-316	ASTM A 182 GR. F6a	ASTM A 182 GR. F6a	ASTM A 182 GR. F-51	ASTM A 182 GR. F-51
06	GLAD BUSH	ASTM A 276 TYPE 410	ASTM A 276 GR. F-304	ASTM A 276 GR. F-304	ASTM A 276 GR. F-316	ASTM A 246 GR. 410	ASTM A 246 GR. 410	ASTM A 182 GR. F-51	ASTM A 182 GR. F-51
07	GLAND FLANGE	ASTM A 105	ASTM A 182 GR F-304	ASTM A 182 GR F-304	ASTM A 182 GR F-316	ASTM A 182 GR F-22	ASTM A 182 GR F-22	ASTM A 182 GR F-51	ASTM A 182 GR F-51
08	GLAND PACKING	GRAPHITE RINGS	GRAPHITE RINGS	GRAPHITE RINGS	GRAPHITE RINGS	GRAPHITE RINGS	GRAPHITE RINGS	GRAPHITE RINGS	GRAPHITE RINGS
09	YOKE SLEEVE	ASTM A 582 GR SS-416	ASTM A 582 GR SS-303	ASTM A 582 GR SS-303	ASTM A 582 GR SS-303	ASTM A 582 GR SS-416	ASTM A 582 GR SS-416	ASTM A 582 GR SS-303	ASTM A 582 GR SS-303
10	HAND WHEEL	SG IRON	SG IRON	SG IRON	SG IRON	SG IRON	SG IRON	SG IRON	SG IRON
11	HAND WHEEL NUT	ASTM A 194 GR. 2H	ASTM A 194 GR. 2H	ASTM A 194 GR. 2H	ASTM A 194 GR. 2H	ASTM A 194 GR. 2H	ASTM A 194 GR. 2H	ASTM A 194 GR. 2H	ASTM A 194 GR. 2H
12	GASKET	SS-304 SPW + GRAPHITE	SS-304 SPW + GRAPHITE	SS-304 SPW + GRAPHITE	SS-304 SPW + GRAPHITE	SS-304 SPW + GRAPHITE	SS-304 SPW + GRAPHITE	SS-304 SPW + GRAPHITE	SS-304 SPW + GRAPHITE
13	HEX BOLT	ASTM A 193 GR B 7	ASTM A 193 GR B 8	ASTM A 193 GR B 8	ASTM A 193 GR B 8M	ASTM A 193 GR B 16	ASTM A 193 GR B 16	ASTM A 193 GR B8M	ASTM A 193 GR B8M
14	EYE BOLT	ASTM A 193 GR B 7	ASTM A 182 GR F-304	ASTM A 182 GR F-304	ASTM A 182 GR F-316	ASTM A 193 GR. B7	ASTM A 193 GR. B7	ASTM A 182 GR F-316	ASTM A 182 GR F-316
15	EYE BOLT NUT	ASTM A 194 GR. 2H	ASTM A 194 GR B 8	ASTM A 194 GR B 8	ASTM A 194 GR B 8M	ASTM A 194 GR 2H	ASTM A 194 GR 2H	ASTM A 194 GR B8M	ASTM A 194 GR B8M
16	SCREW	ASTM A 194 GR. 2H	ASTM A 194 GR B 8	ASTM A 194 GR B 8	ASTM A 194 GR B 8M	ASTM A 194 GR 2H	ASTM A 194 GR 2H	ASTM A 194 GR B8M	ASTM A 194 GR B8M
17	WASHER	ASTM A 194 GR. 2H	ASTM A 194 GR B 8	ASTM A 194 GR B 8	ASTM A 194 GR B 8M	ASTM A 194 GR 2H	ASTM A 194 GR 2H	ASTM A 194 GR B8M	ASTM A 194 GR B8M
18	BACK SEAT	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL
19	NAME PLATE	SS	SS	SS	SS	SS	SS	SS	SS

MEGALOK VALVES AND FITTINGS INDIA PRIVATE LIMITED

- All dimension are in millimeters unless as specified as 'inch'.
- Dimension are for reference only subject to change