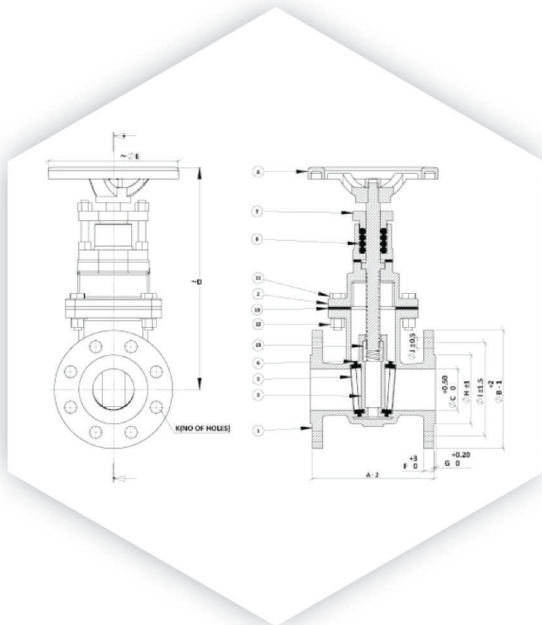


DUCTILE IRON GATE VALVE (GX16 / GX16D)



DIMENSIONAL DRAWINGS



DIMENSIONS & WEIGHTS

Size	A	B	C	D	E	F	G	H	I	J	K	Weight (kg)
65 MM	190	185	65	380	225	16	3	118	145	19	4	13
80 MM	203	200	80	425	225	16	3	132	160	19	8	15
100MM	229	220	100	470	320	16	3	156	180	19	8	19
125MM	254	250	125	485	320	16	3	184	210	19	8	25
150MM	267	285	150	595	320	16	3	211	240	23	8	33
200MM	282	340	200	725	360	17	3	266	295	23	12	51
250MM	330	405	250	835	400	19	3	319	355	28	12	78
300MM	356	460	300	910	400	20.5	4	370	410	28	12	112
350MM	381	520	350	1030	500	22.5	4	429	470	28	16	160
400MM	406	580	400	1110	640	24	4	480	525	31	16	210

VALVE SELECTION

SPECIFICATION	PART NUMBER
SOFT SEAT	GX16
METAL SEAT	GX16D

FEATURES & BENEFITS

- The valves are delivered with handwheel or round cap.
- Full and straight bore in order to avoid turbulence ,loss of head and VENTURI effect.
- Can be mounted in non-vertical positions.
- Non-rising stem is useful when shutoff is required and a space saving is necessary.
- solid wedge and bi-directional.

MATERIAL SPECIFICATION

Part No.	Part Name	Material
1	BODY	DUCTILE IRON : BS EN 1563 EN-JS1030
2	BONNET	DUCTILE IRON : BS EN 1563 EN-JS1030
3	WEDGE	DUCTILE IRON : BS EN 1563 EN-JS1030
4	WEDGE	DUCTILE IRON + EPDM
5	STEM	STAINLESS STEEL : BS EN 10088-1GR.1.4006
6	BODY SEAT RING	CAST BRONZE: BS EN 1982 C C 491K
7	WEDGE SEAT RING	CAST BRONZE : BS EN 1982 C C 491K
8	GLAND FLANGE	DUCTILE IRON : BS EN 1563 EN-JS1030
9	HAND WHEEL	DUCTILE IRON : BS EN 1563 EN-JS1030
10	GLAND PACKING	RUBBER : EPDM
11	GASKET	RUBBER : EPDM
12	BOLT	CARBON STEEL : BS 4439 GR.8.8
13	NUT	CARBON STEEL : BS 3692 GR.8
14	WEDGE NUT	CAST BRONZE : BS EN 1982 C C 491K

PRESSURE / TEMPERATURE RATING

Pressure Rating	16 bar
Temperature	-10 to 120 °C

TEST PRESSURES

Shell	24 bar
Seat	17.6 bar

SPECIFICATION

- Ductile iron with integral flanges
- Hand wheel operated.
- Face to face: DIN 3202 F4
- End connection: PN16
- Flanged : BS EN1092-1
- Design standard : DIN 3352 F4
- Testing standard : BS EN 12266-2

TFL Valves Quality Policy Is Complete Satisfaction Of Customers. According To That We Have Selected QUALITY As A Strategic factor in application to all our organization. Our purpose is to reinforce competitiveness, to ensure customer satisfaction, to improve process related with product quality and guarantee accomplishment of quality requirements.