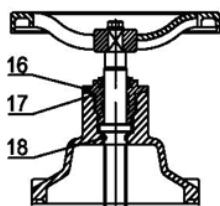
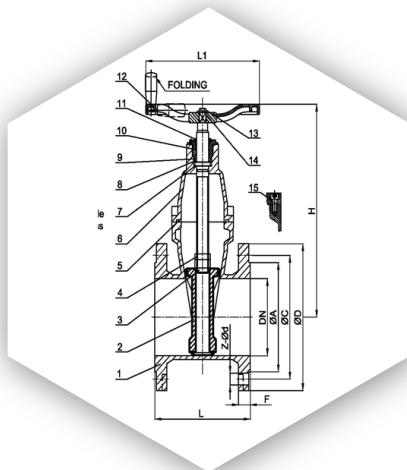


### DUCTILE IRON RESILIENT SEATED GATE VALVE (PLDIGV16)



### DIMENSIONAL DRAWINGS



### DIMENSIONS & WEIGHTS

Size	A	C	D	L		H1	Z-Ød	Wt. kg
65 MM	118	145	185	190	160	230	4-Ø19	13
80 MM	132	160	200	203	200	276	8- Ø 19	15
100 MM	156	180	220	229	200	311	8- Ø 19	19
125 MM	184	210	250	254	250	364	8- Ø 19	25
150 MM	211	240	285	267	250	413	8- Ø 23	33
200 MM	266	295	340	292	280	503	12- Ø 23	51

### FEATURES & BENEFITS

- The Gate Valves are with hand wheel or square cap.
- Full and straight bore in order to avoid turbulence, loss of head and VENTURI Effect.
- Flanges undrilled on request
- 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.
- Bodies are with Epoxy coating, providing excellent corrosion and wear resistance to the valve's surface. Epoxy coating offers Chemical Resistance Weather ability -Abrasion Resistance Impact Resistance.

### MATERIAL SPECIFICATION

Part No.	Part Name	Material
1	BODY	DUCTILE IRON (EN JS 1050)
2	WEDGE	DUCTILE IRON + EPDM
3	STEM	STEEL ( BS 970 420S37)
4	STEM NUT	RED BRASS (C83600)
5	SEALING RING	EPDM
6	BONNET	DUCTILE IRON (EN JS 1050)
7	GASKET	RED BRASS (C83600)
8	GLAND	RED BRASS (C83600)
9	O-RING	EPDM
10	O-RING	EPDM
11	DUST RING	EPDM
12	HAND WHEEL	DUCTILE IRON (EN JS 1050)
13	BOLT	STAINLESS STEEL (BS 970 304 S15 )
14	WASHER	STAINLESS STEEL (BS 970 304 S15 )
15	SCREW	STAINLESS STEEL (BS 970 304 S15 )
16	SCREW	STAINLESS STEEL (BS 970 304 S15 )
17	O-RING	EPDM
18	O-RING	EPDM

### PRESSURE / TEMPERATURE RATING

Pressure Rating	16 bar
Temperature	-10 to +85 °C

### TEST PRESSURES

Shell	24 bar
Seat	17.6 bar

### SPECIFICATION

- Ductile Iron with integral flanges.
- Inside screw pattern with non-rising stem. Hand wheel operated.
- End connection: EN1092-2, PN16.
- Temperature operating range: -10 to 85°C.
- Pressure Rating: PN16.
- Design: BS 5163.
- Testing: EN 12266-1.
- Face to Face: BS EN 558-1 SERIES-3.

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.