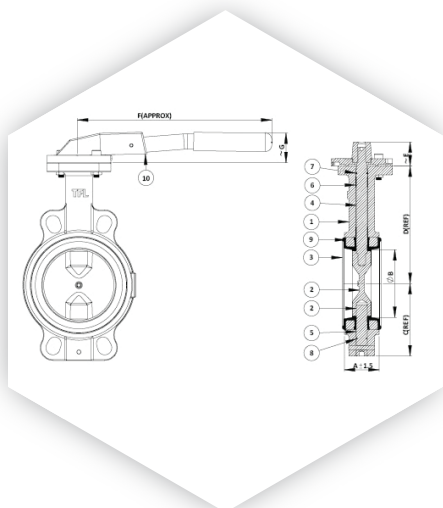


DUCTILE IRON BUTTERFLY VALVE WAFER TYPE (PLDIBV16-W)



DIMENSIONAL DRAWINGS



DIMENSIONS & WEIGHTS

Size	A	B	C	D	E	F	G	Weight (kg)
65 MM	46	66	79	140	35	220	49	4
80 MM	46	80	96	147	40	260	60	5
100MM	52	101	106	172	40	260	60	6.50
125MM	56	124	121	187	45	315	75	7
150MM	56	150	134	201	45	315	75	9
200MM	60	201	168	229	50	315	75	20.50
250MM	68	251	202	269	81	215	200	28.50
300MM	78	301	234	298	81	215	200	35
350MM	78	340	275	328	92	302	400	58
400MM	102	391	303	358	92	302	400	80
450MM	114	442	356	403	92	302	400	105
500MM	127	486	382	435	127	430	608	121.50
600MM	154	585	440	510	127	430	608	215.50

VALVE SELECTION

PART NAME	EPDM LINER
NP DUCTILE IRON DISC	PLBFX 16 - W
STAINLESS STEEL DISC	PLBFX 16S - W

FEATURES & BENEFITS

- Long neck for insulation, Maintenance free.
- 200 Micron Fusion Bonded Epoxy Powder coated for improved barrier to corrosive chemicals, moisture and humid air.
- Valves DN200 and larger sizes supplied as standard with fully enclosed gear operator.
- Unique triple sealing system for shaft sealing, eliminates any fugitive emission or secondary leakage.
- EPDM seat liner extending on to the flange contact face, eliminates the need for separate flange gaskets during installations.
- Suitable for ON / OFF and modulating duty (Torgue details available on request).
- EPDM Fusion bonded lined valves available.

MATERIAL SPECIFICATION

Part No.	Part Name	Material
1	BODY	DUCTILE IRON : BS EN 1563 EN-JS1030
2	DISC	DI NICKEL PLATING : BS EN 1563 EN-JS1030
3	DISC	STAINLESS STEEL : BS EN 10088-1 GR.1.4057
4	SEAT	RUBBER : EPDM
5	SHAFT	STAINLESS STEEL : BS EN 10088-1 GR.1.4006
6	PIVOT SHAFT	SS : BS EN 10088-1 GR.1.4006
7	SHAFT WEATHER SEAL	RUBBER : EPDM
8	PIVOT SHAFT WEATHER SEAL	RUBBER : EPDM
9	BACK UP RING	PLASTIC / METAL
10	HAND LEVER	STEEL TUBE + EPOXY
11	GEAR BOX	SEE GEAR BOX BOM

PRESSURE / TEMPERATURE RATING

Pressure Rating	16 bar
Temperature	-10 to 120 °C

TEST PRESSURES

Shell	24 bar
Seat	17.6 bar

SPECIFICATION

- Self lubricated pipe lined bearings for both drive end & non-drive end Shafts ensures minimum friction torque and safe operations.
- Bi-directional valve with tight shut-off sealing capability to hold vacuum rated pressure in either direction.
- Excellent adaptability for actuated operation through standardized (ISO 5211) top flange mounting for actuator fitment.
- Wafer pattern suitable for PN16 flanges.
- Flanged : BS EN 1092-1.
- Face to Face: BS EN 558:2008.
- Working standard : BS EN593.
- 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.