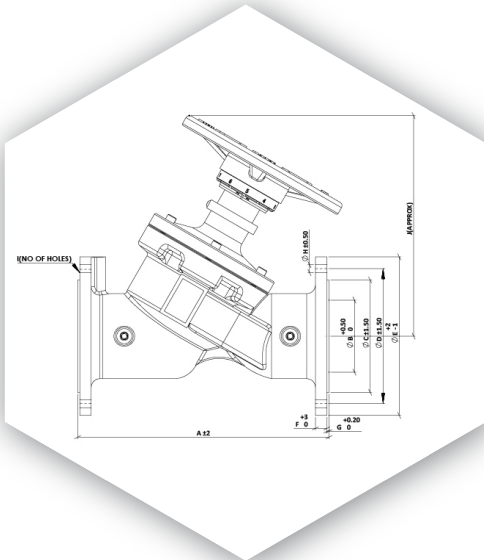


### VARIABLE ORIFICE DOUBLE REGULATING VALVE - VODRV (PLDIVODRV16)



#### DIMENSIONAL DRAWINGS



#### DIMENSIONS & WEIGHTS

Size	A	B	C	D	E	F	G	H	I	J	Weight (kg)
65 MM	290	65	118	145	200	16.00	3.00	19	4	262	14.30
80 MM	310	80	132	160	220	16	3	19	8	267	21.40
100MM	350	100	156	180	250	16	3	19	8	300	31.10
125MM	400	125	184	210	285	16	3	19	8	325	42
150MM	480	150	211	240	340	16	3	23	8	340	62
200MM	600	200	266	295	400	17	3	23	12	525	118
250MM	730	250	319	355	455	19	3	28	12	575	201
300MM	850	300	370	410		20.5	4	28	12	645	256

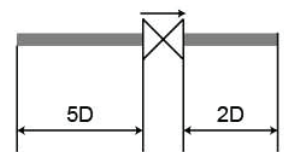
Bigger sizes can be provided as per request

#### FEATURES & BENEFITS

- Double regulating feature allow the valve to be used for isolation to be re-opened to its pre-set position to maintain required flow rate.
- Built-in measuring nipple (test point 3mm) for flow measurement based on Kv methodology.
- Has sufficient authority to regulate flow in circuit incorporating the flow measuring device.

#### INSTALLATION

Always install the valve with the arrow on the body in the same direction of flow. In order to avoid turbulence, which will effect the measuring accuracy, it is recommended to have a straight length of pipe up and down stream from the valve as shown (D-diameter of pipe)



#### 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	BONNET GASKET	NON-ASBESTOS
4	DISC	EPDM RUBBER COATED DUCTILE IRON
5	DISC BUSH	BRONZE : BS EN 1982 CC 491K
6	STEM	STAINLESS STEEL : BS EN 10088-1 GR.1.4006
7	GLAND (65 TO 150MM)	BRASS
8	GLAND (200 TO 300 MM)	CAST IRON : BS EN 1561 EN 12145 CW 602N
9	GLAND NUT	DZR COPPER ALLOY : BS EN 12145 CW 602N
10	PACKING	NON-ASBESTOS
11	SEAT RING	BRONZE : BS EN 1982 CC 491K
12	HAND WHEEL	DUCTILE IRON : BS EN 1563 EN-JS1030
13	TEST POINT	DZR COPPER ALLOY : BS EN 12045 CW 602N

#### PRESSURE / TEMPERATURE RATING

Pressure Rating	16 bar
Temperature	-10 to 120 °C

#### TEST PRESSURES

Shell	24 bar
Seat	17.6 bar

#### SPECIFICATION

- Hand operated with micro-meter style indicator.
- Globe type Y-pattern with characterised throttled disc with equal percentage.
- Conforms to BS 7350 for flow measurement and regulations.
- Mounted on flow or return pipe.
- Shut-off function for service & repair.
- Design standard : BS7350.
- Testing standard : BS EN12266-2.

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.