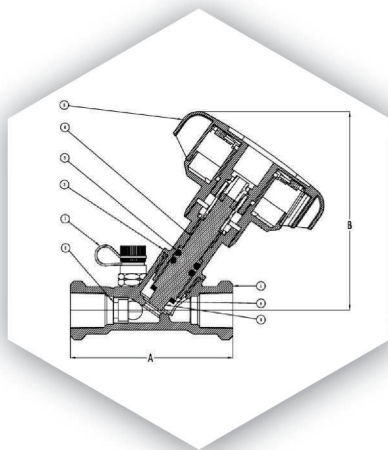


BRONZE FIXED ORIFICE DRV (BNFODRV25)

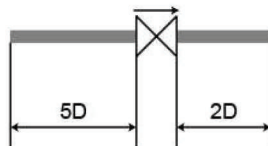


DIMENSIONAL DRAWINGS



INSTALLATION

Always install the valve with the arrow on the body in the same directions 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)



DIMENSIONS & WEIGHTS

Size	A	B	Weight (kg)	kv
15 MM	87	110	0.61	1.87
20 MM	86	111	0.65	3.14
25MM	100	132	0.95	5.59
32MM	114	133	1.13	10.8
40MM	125	148	1.52	18.1
50MM	146	149	1.98	29.1

FEATURES & BENEFITS

- Provide precise and accurate flow measurements
- Integral square edged orifice plate and test points(3mm) fitted feature allows valve opening to be set within Allen key.
- Build in measuring nipples(test points) for flow measurement based on kv methodology.
- The double regulating wall with its integral fixed orifice
- Design offers an accuracy of $\pm 5\%$ on all settings for precise flow regulation and the measurement
- The female threaded ends allows for ease of installation
- Screw in Bonnet for service where in frequent maintenance is required.
- Quickly and easily Installed using a press-fit tool.
- Provide flow control at all settings.

MATERIAL SPECIFICATION

Part No.	Part Name	Material
1	BODY	BRONZE : BS BN1964 CC480K
2	BONNET	DZR COPPER ALLOY: BS EN12165CW 602N
3	DISC	DZR COPPER ALLOY : BS EN 12165 CW 602N
4	STEM	DZR COPPER ALLOY: BS EN 12165 CW 602 N
5	O- RING SEAL	RUBBER – EPDM
6	ORIFICE INSERT	DZR COPPER ALLOY: BS EN 12165CW 602N
7	TEST POINT	DZR COPPER ALLOY: BS EN 12165 CW 602N
8	HANDWHEEL	PLASTIC

PRESSURE / TEMPERATURE RATING

Pressure Rating	25 bar
Temperature	-10 to 120 °C

TEST PRESSURES

Shell	37.5 bar
Seat	27.5 bar

SPECIFICATION

- Hand wheel operated with micro meter indication.
- Y-Pattern globe type design.
- Conforms to BS 7350 for flow measurements and regulation.
- Y – pattern globe having characteristics throttling disc with the equal percentage.
- Performance mounted on flow or return pipe.
- Shutt – off function for service and repair.
- End connection threaded to BS EN 10226 (ISO 7-1).
- Design standard : BS EN12288: 2010 PN20.
- 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.