

# Fixed Orifice Balancing Valve

**Model: SD-9746**

Balancing valves SD 9746 perfectly combine with a regulating valve and flow measuring device all in one-piece body. This solution, thanks to its particular fixed orifice type measurement system, provides high accuracy flow balancing across all valve settings with an error margin within  $\pm 5\%$  of the gauged value.



## BENEFITS:

- Interception, measurements and regulation
- Integrated metering station
- Early reading of the preset by graduated scale
- Shutter with linear profile
- Preset mechanical memory
- Compact valve body

## Product Specifications:

Working Pressure	PN25
Working Temperature	-10°C - 120°C
Thread	ISO 228 (B.S.P.T.)

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## Product Dimensions:

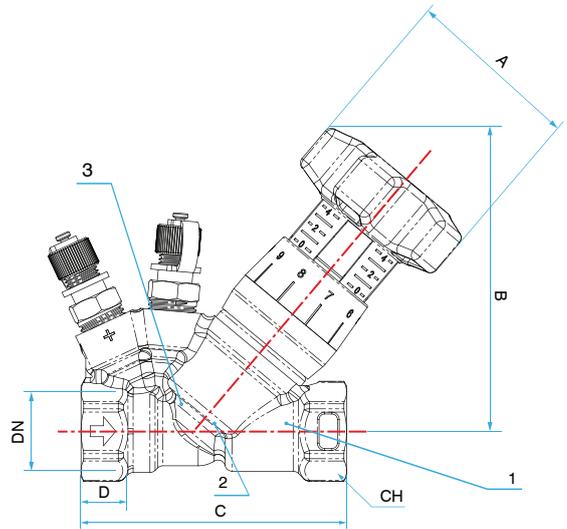
### Fixed Orifice Balancing Valve

DN	A	B	C	D	CH	Kv	Kvs
15	50	83	72.5	113.0	25	2.00	2.3
20	50	82	82.0	116.5	31	3.88	5.3
25	50	84	95	130.0	38	7.28	9.2
32	50	87	122	131.0	47	13.39	19.0
40	50	107	138	149.0	55	18.60	22.1
50	50	103	161	164.0	66	30.10	42.3

NOTE: Dimensions are in mm

### Drawing Specification

No.	Part	Material
1	Body	DZR Brass
2	Seat	EPDM
3	Disc	DZR Brass



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## Miscellaneous Data:

### 1. Ordering Information

Example: SD-9746-20

- SD-9746 is the part number
- (20) Size

### 2. Contact Information

For further information on any aspect of the SHIELD Valves products please contact below:

MIDDLE EAST & AFRICA	UNITED KINGDOM
Jebel Ali Free Zone, Dubai, UAE P.O Box: 61199 Tel.: +971 4 881 2070 Fax: +971 4 881 2198 Email: shieldme@shielglobal.com	Unit 3, Endeavor Drive, Basildon-Essex, SS3 14WF Tel.: +44 1708 377731 Fax: +44 1708347637 Email: shielduk@shielglobal.com