

SB FLANGE STATIC BALANCING VALVE

PN10 / PN16(DN50-DN500)

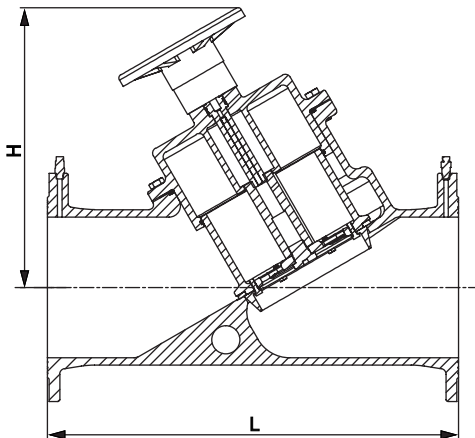


TECHNICAL DESCRIPTION

- Flange type static balancing valve, numerical indicator of opening rate on the handwheel
- Accurate flow control
- Lockable set position
- Design according to BS 7350
- Testing according to EN 12266-1
- Face to face dimension according to BS EN 558
- Connection dimension according to EN1092-2 PN10 / PN16

PRESSURE & TEMPERATURE RATINGS

Rating pressure	10bar / 16bar
Shell test pressure	15bar / 24bar
Seal test pressure	11bar / 17.6bar
Working temperature	-20°C ~ 120°C



MATERIAL SPECIFICATION

Part	Material	ASTM. Spec.
Body	Ductile Iron	A 536
Disc	Bronze	/ (2 1/2" - 6")
	Ductile Iron	A 536 (8" - 12")
	Stainless Steel	A351 CF8 (14" - 20")
Shaft	Brass	/ (2 1/2" - 6")
	Stainless Steel	S30400 (8" - 20")
Handwheel	Nylon (2 1/2" - 8")	
	Cast Aluminum (10" - 20")	

DIMENSIONS

	50	65	80	100	125	150	200	250	300	350	400	450	500
DN	50	65	80	100	125	150	200	250	300	350	400	450	500
NPS	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"
H	152	180	200	220	308	322	420	460	600	614	642	675	713
L	230	290	310	350	400	480	600	730	850	980	1100	1200	1250

Unit:mm

FLOW COEFFICIENT

	50	65	80	100	125	150	200	250	300	350	400	450	500
DN	50	65	80	100	125	150	200	250	300	350	400	450	500
NPS	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"
Kvs	54	94.47	137.2	211.2	330.4	408.52	759.25	1162.3	1703.3	2250	2804	3750	4210

Unit:m³/h

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