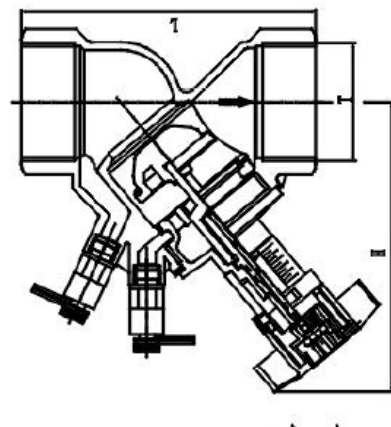


FLOTECS
Fluid/Flue solutions®



Balancing Valve



Description

FLOTECS brass static balancing valves are used to balance the hydraulic flows in the system. Their structure improves the flow measuring accuracy, which makes engineers achieve testing easier.

Main Technical Data

Rated Pressure PN (Mpa)	Testing Pressure (Mpa)		Media Material	Media Temperature (° C)
	Valve body	Sealing		
2.5	2.4	1.76	Water	0~100

Spare Parts Material

Spare parts	Valve body Valve Bonnet	Valve stem Valve clack	Valve Element	O-Ring
Material	Brass Alloy	Brass Alloy	Stainless steel	PTFE

Technical Instruction

Application: Heating & Cooling system; Drinking system; Sea Water

Function: Balancing, pre-setting, measuring, shutting off, draining etc.

Connector: PP

Valve Cone: Brass Alloy

Valve Shaft: Brass Alloy

Pressure Testing Inlet: Brass with EPDM Sealing

Max. Pressure: PN25

Accuracy: +/-5% (50%~100% Open)

Working Temperature: -20°C~120°C (If high temperature is required, please kindly advise for customizing) When temperature is higher than 120°C, please get the manual wheel off.

Sealing: PTFE/ Double O-Ring

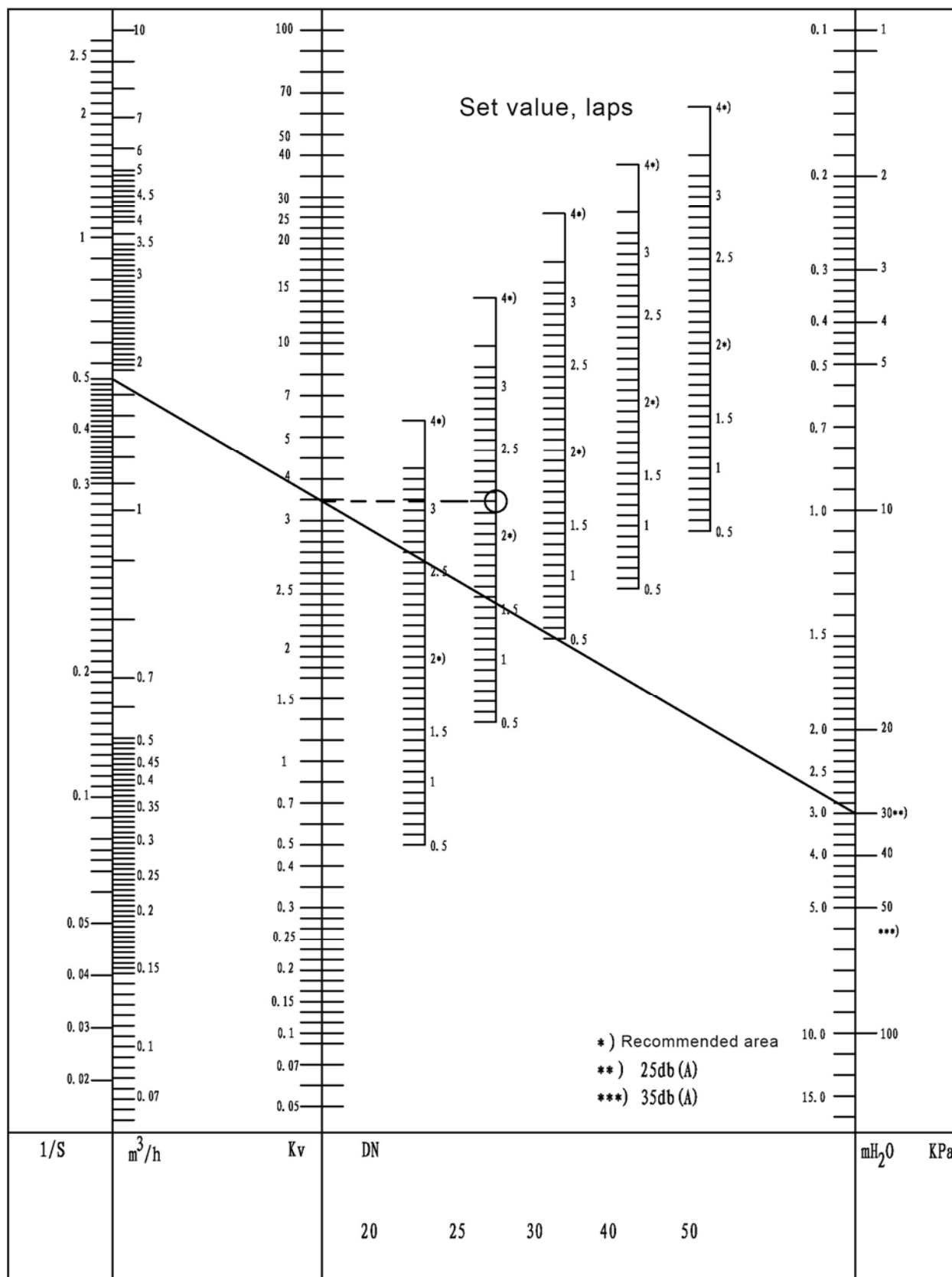
Manual wheel: PC

Dimension

Model	DN	T	L	H	Kvs
FBFV10	10/09	G3/8	80	114	1.47
FBFV11	11/14	G1/2	80	114	2.52
FBFV20	20	G3/4	85	116	5.70
FBFV25	25	G1	98	119	8.70
FBFV32	32	G1 1/4	110	136	14.2
FBFV40	40	G1 1/2	120	138	19.2
FBFV50	50	G2	150	148	33.0

Technical Data

Application:	Heating & Cooling System, Rated Pressure: PN25
Valve body:	Brass
Valve Cone:	Stainless Steel, Valve shaft: Brass Alloy
Pressure Testing Inlet:	Brass with EPDM Sealing
Accuracy:	+/-5% (50%~100% Open)
Working Temperature:	-20°C~120°C (If high temperature is required, please kindly advise for customizing) When temperature is higher than 120°C, please get the manual wheel off.
Sealing:	PTFE/ Double O-ring
Manual Wheel	PA for DN50-DN150 Aluminum for DN200-DN400 Valve Cap: Brass Alloy Valve element: Stainless steel
Valve Seat Sealing:	EPD Ring,



Balancing Valve

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