VB-2010 SERIES CASTING IRON VALVE

DESCRIPTION

VB-2010 series casting iron valve is equipped with electrical control device, it can be used to control the flow of vapor or cool / heat water in central air-conditioning, heating, water handling and industrial processing industry system.

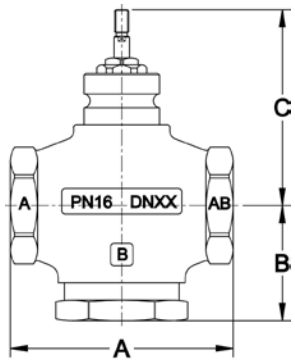
MATERIAL DESCRIPTION AND TECHNICAL DATA

PRODUCT		VB-2010 Casting Iron Valve
MATERIAL	VALVE BODY/SEAT	HT250
	VALVE STEM	Stainless steel 1Cr18Ni19 (AISI 302)
	SEALING MATERIAL	PTFE filler and stainless steel counterpoise spring
	VALVE PLATE/PLUG	Forging brass with Nitrile rubber gasket
PRESSURE RATING		1.6MPa (At 95℃)
PIPE CONNECTION		G / BSP Parallel
WORKING MEDIUM		Water
FLUID TEMPERATURE		2~94 ℃(36~201℉)
LEAKAGE		Less than 0.05% of Kv value
CLOSING DIRECTION		Valve stem goes upwards is close

SPECIFICATIONS AND TECHNICAL DATA

MODEL	TYPE	SIZE (DN)		Kv	MAX. DIFF. PRES. (MPa)	STROKE (mm)
		mm	in		FIT WITH VA-21XX ACTUATOR	
VB-2210-25	2-Way	25	1”	11	0.6	15
VB-2210-32		32	1¼”	18	0.4	19
VB-2210-40		40	1½”	24	0.3	19
VB-2210-50		50	2”	40	0.2	19
VB-2310-25	3-Way	25	1”	11	0.6	15
VB-2310-32		32	1¼”	18	0.4	19
VB-2310-40		40	1½”	24	0.3	19
VB-2310-50		50	2”	40	0.2	19

DIMENSIONS

FIGURE	MODEL	DIMENSIONS (mm)		
		A	B	C
	VB-2210-25	110	58	111
	VB-2210-32	120	65	111
	VB-2210-40	130	68	114
	VB-2210-50	145	70	121
	VB-2310-25	110	75	111
	VB-2310-32	120	83	111
	VB-2310-40	130	84	114
	VB-2310-50	145	89	121

INSTALLATION

1. Before mounting the valve, make sure that the pipe is clean and free from soldering scraps, metal sheet, sand, stone or other sundries.
2. The pipe and valve body must be connected perfectly without vibration. The water flow direction should be the same as marked on the valve body.
3. The actuator should be mounted vertically on the valve body, and avoid the actuator below the valve body. Remain enough space so that the actuator can be taken down from the valve body during the daily maintenance.
4. Power supply must be shut off or insulated when maintain the valve. There should not have pressure in the water system.
5. For other installation requirements, please refer to the Installation Instruction of the actuator.

FLOW DIRECTION DIAGRAM