

SLUICE VALVE

Cast Iron (Flanged) - PN16

SALIENT FEATURES

- Design Standard: IS 14846 - PN16
- Bolted Bonnet, Inside Screw, Non-Rising Stem
- Handwheel operated
- Cast Iron Body
- Rigid and Sturdy Design
- Brass Seat Rings
- Flanged End Connection

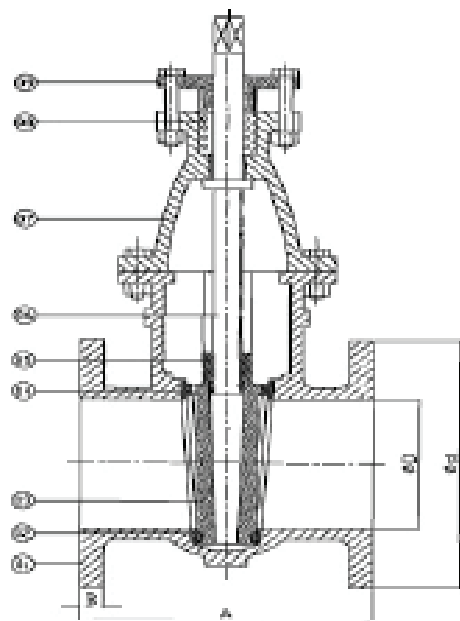
SPECIFICATIONS

Sizes	DN50 - DN300
Nominal pressure	PN16
Medium Temperature	-10°C ~ +45°C Maximum
Body Material	Cast Iron
Stem Material	ASTM A276 TYPE 410
Disc Material	IS 210 Gr. FG200
Handwheel	IS 210 Gr. FG200
Leakage Rate	No visible leakage
Medium Type	Water
Flange standard	IS 1538
Test Pressure (Hydrostatic)	
Shell Test pressure	24 bar
Seat Test pressure	17.6 bar



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VALVE SCHEMATIC



PART DESCRIPTIONS

PT. NO.	PART NAME	MATERIAL	SPECIFICATION	QTY.
1	BODY	CAST IRON	IS 210 GR. FG200	1
2	BODY SEAT	BRASS	BRASS	2
3	WEDGE	CAST IRON	IS 210 GR. FG200	1
4	WEDGE RING	BRASS	BRASS	2
5	WEDGE NUT	GUN METAL BRONZE	BSEN 1982 CC491K(LG2)	1
6	STEM	STAINLESS STEEL	ASTM A276 TYPE 410	1
7	BONNET	CAST IRON	IS 210 GR. FG200	1
8	GLAND PACKING	RUBBER	EPDM / NBR - ORING	3
9	GLAND	CAST IRON	IS 210 GR. FG200	1
10	HANDWHEEL	CAST IRON	IS 210 GR. FG200	1
11	FASTENER	MILD STEEL	MS	TO SUITE

OUTSIDE DIMENSION MM (INCH)

SIZE MM (INCH)	50 (2")	65 (2-1/2")	80 (3")	100 (4")	125 (5")	150 (6")	200 (8")	250 (10")	300 (12")
A	178	190	203	229	254	267	292	330	356
B	20	20	22	24	26	26	26	28	28
H	365	380	425	470	485	595	725	835	910
ØD	50	65	80	100	125	150	200	250	300
ØD	165	185	200	220	250	285	340	395	445
PCD	125	145	160	180	210	240	295	350	400
HANDWHEEL DIA	280	280	280	360	320	320	450	640	640
~WT IN KG	17.5	19	24	38	51	64	105	195	276

For more information,
www.honeywellbuildings.in
Call: 000-8000-502167,
Email: enquiry.mms@honeywell.com, bmsindiatechsupport@honeywell.com

Honeywell HBT India Buildings
Unitech Trade Center, 5th Floor, Sector-43,
Block C, Sushant Lok Phase - I,
Gurgaon - 122 002.

