

Y TYPE FLUSH BOTTOM VALVE



FEATURES

- The outlet flange is 45 Deg inclined to the axis of the valve
- These valves are available in two types of constructions, one the plug opens into the vessels & second the plug opens into the valve body
- These valves are available with actuators and manual operated
- These valves are compact, lightweight design and ideal for inline maintenance under the tank

SPECIFICATIONS

Codes & Standards

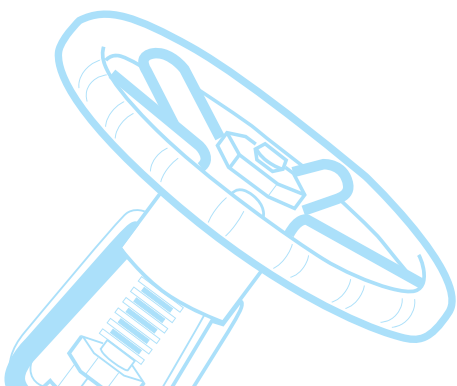
• General design & mfg	Manufacturers STD. / ASME B-16.34
• Valve inspection and testing	API 598
• Flanged End	ASME B 16.5

Technical Specifications

• Valve type	Y Type Flush Bottom Valve
• End connection	Flanged End
• Size range	15mm to 300mm
• Pressure rating	#150, #300

Standard Material of Construction (MOC)

• Valve Body	ASTM A216 GR.WCB / ASTM A351 GR.CF8M / ASTM A351 GR.CF3M / ASTM A351 GR.CF8
• Disc	SS 316
• Seat	SS 316
• Stem	SS 316



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GENERAL ARRANGEMENT

PROVISION RTD SENSOR

FLUSH TANK BOTTOM VALVE DISC OPENING INTO THE TANK DIAPHRAGM ACTUATED LONG HUB

SIZE (mm)	Approx.	Approx.	(FLANGE DIMENSIONS)				(FLANGE DIMENSIONS)		WT. / KG.	
			W	A	B	C	I	T		O
1.1/2"	1"	140	157	100	AS PER 1.1/2" NB ASA 150#		14	AS PER 1" NB ASA 150#	11	10
2"	1.1/2"	165	183	110	AS PER 2" NB ASA 150#		16	AS PER 1.1/2" NB ASA 150#	14	13
3"	2"	176	203	125	AS PER 3" NB ASA 150#		19	AS PER 2" NB ASA 150#	16	16
4"	3"	210	210	150	AS PER 4" NB ASA 150#		24	AS PER 3" NB ASA 150#	19	22
4"	2"	235	203	150	AS PER 4" NB ASA 150#		24	AS PER 2" NB ASA 150#	16	20
6"	4"	260	260	150	AS PER 6" NB ASA 150#		25	AS PER 4" NB ASA 150#	24	38

SR NO.	DESCRIPTION	MATERIAL	QTY.
01	BODY	ASTM A216 WCB, ASTM A351 / CF8 / CF8M x FEP / PFA LINED	1
02	DISC & STEM	AISI SS 304 x FEP / PFA LINED	1
03	SEAT	PTFE / GLASS FILED PTFE	1
04	GLAND	CS / CF 8	1
05	MANUAL OVER RIDE	CS BODY	1
06	COUPLER	MS / SS	1
07	GLAND PACKING	PTFE/GF/CF PTFE WITH PTFE ROPE	1
08	LINING	3 TO 5MM - FEP OR PFA LINING	1
09	SOLENOID	ALUMINIUM BODY, 3/2 OR 5/2 WAY	1
10	DIAPHRAGM ACTUATOR	CS BODY WITH EPDM DIAPHRAGM DIRECT / REVERSE ACTING	1
11	LIMIT SWITCH	ALUMINIUM BODY, WITH DOME INDICATOR	1

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESS.	HYD. TEST PRESSURE		
		BODY	SEAT	TEMP.
150	100 PSIG	225 PSIG	150 PSIG	150/200°C
AIR TEST-SEAT		80 PSIG ±10 PSIG; SPARK TEST: 10 KVA		

TECHNICAL DATA	
DESIGN & MANUFACTURING STD.	MANUFACTURER'S STD.
TESTING & INSPECTION STD.	API 598
END CONNECTIONS :	FLANGED AS PER ANSI B-16.5
STANDARD RESIN SPECIFICATION	PFA : ASTM D 3418 / FEP : ASTM D 2116

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