JAS-ANZ MAX CERTIFICATIONS
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UTVC™

USMANI
TUBES & VALVES CO. PVT. LTD.
MANUFACTURERS OF INDUSTRIAL VALVES

FLUSH BOTTOM VALVES

FLUSH BOTTOM VALVE OPEN IN TO TANK

FEATURES

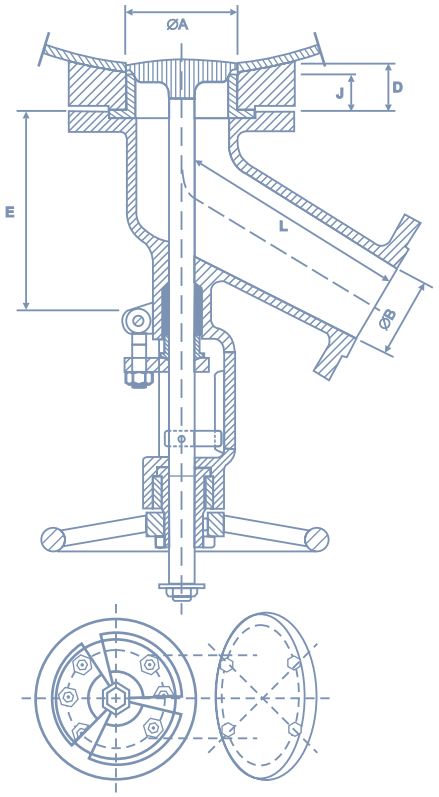
- Since static pressure of the liquid in the tank acts to increase the contact pressure on the valve seat, it contributes to tight shut off.
  The valve body made of stainless steel is extremely corrosion resistant and durable.
- The soft seating arrangement can be provided.
- The plug/disk can be removed extremely without removing the valve plug from the body. This construction permits easy replacement the valve disk in a short time. The shape of the flow passage to discharge an immerse quantity of liquid from a vessel quickly.
- The internal design does not allow discharged liquid to remain in the valve.
- The valve plug is so constructed that the liquid is discharged when the valve stem is moved upwards.

INSTALLATION NOTE

- Install a discharge valve vertically with the hand wheel downwards. Do not install a valve horizontally as the valve stem may deviate from the centre line, causing leakage through the valve seat or the gland packing.
- In designing the piping, note that the size of inlet connection is larger than the body size. Design the installation of a valve on a tank so that the valve seat and the bottom of the tank will be on the same level.

MATERIAL SPECIFICATION

Sr. No.	PARTS	MATERIALS
1	BODY	ASTM A 351 CF8M / CF8
2	BONNET	ASTM A 351 CF8M / CF8
3	SPINDLE	A 351 CF8M / CF8
4	PLUG	A 351 CF8M / CF8
5	PLUG NUT	A 351 CF8M / CF8
6	GLAND FLANGE	A 351 CF8M / CF8
7	GLAND BUSH	A 351 CF8M / CF8
8	EYE BOLT NUT	ASTM A 193 6R 87/24
9	CROSS BOLT NUT	ASTM A 193 6R 87/24
10	YOKE BUSH	DH BR / DUCTILE NI RE.
11	GRUB SCREW	ASTM A 193 6R 87/24
12	GLAND PACKING	PTFE
13	GASKET	SPW SS 304/316 With PTFE Filler
14	HAND WHEEL	C.I. M.S. S.G. IRON
15	WASHER	STAINLESS STEEL
16	STUD & NUT	B7/2H



DIMENSION

Valve Size in mm	CONN FLANGE IN X OUT	A	B	D	E	J	L
25	40 X 25	36	25	65	145	40	160
40	50 X 40	52	40	65	160	40	180
50	65 X 50	62	50	70	182	40	200
65	80 X 65	76	65	70	182	40	220
80	100 X 80	58	80	72	220	40	260
100	125 X 100	125	100	90	280	50	280
125	150 X 125	150	125	100	305	50	320
150	200 X 150	175	50	100	330	50	350

TESTING DETAIL

Hydrotest {KG/CM^2}	
Shell	30
Seat	22
Seat Air Test :	7