

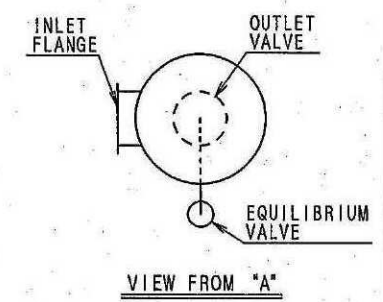
SPECIFICATIONS

USE	: WATER DRAINING FROM A TANK
FLUID	: REFER TO TABLE 2
SPECIFIC GRAVITY	: REFER TO TABLE 1
VISCOSITY	: MAX. 300cP
WORKING PRESSURE	: MAX. 2.2 kgf/cm ²
WORKING TEMPERATURE	: MAX. 90°C
DISCHARGE CAPACITY	: REFER TO TABLE 1
SHELL TEST PRESSURE	: 3.3 kgf/cm ²
PNEUMATIC TEST	: 2.75 kgf/cm ²
NET WEIGHT	: APPROX. 105 kg

MARK (➡) SHOWS GROUP OF SUPPLY.

TABLE 1

G	SPECIFIC GRAVITY OF OIL		FLOAT WEIGHT (g)	MAX. DISCHARGE CAPACITY (m ³ /h)
	DISCHARGE FLUID:WATER	DISCHARGE FLUID:SEAWATER		
1	0.68 ~ 0.73	0.65 ~ 0.7	2650	30
2	0.73 ~ 0.78	0.7 ~ 0.75	2720	30
3	0.78 ~ 0.83	0.75 ~ 0.8	2800	30
4	0.83 ~ 0.88	0.8 ~ 0.85	2880	30
5	0.88 ~ 0.93	0.85 ~ 0.9	2950	30
6	0.93 ~ 0.97	0.9 ~ 0.95	3020	25
7		0.95 ~ 1.0	3110	25



30	WEIGHT	SUS304	
29	SEAT HOLDER	SUS304	
28	VALVE SEAT	FPM	
27	FLEXIBLE TUBE	TUBE SUS316L	
26	METAL FITTING	SUS316L	
25	FLOAT CONNECTING ROD	SUS316L	
24	EQUILIBRIUM VALVE BODY	SCS14	BALL VALVE
23	PLUG	SGD3	
22	TEE	SS400	
21	GUIDE PIN	SUS304	
20	UPPER FLANGE	SS400	
19	O RING	REFER TO TABLE 2	
18	TOP COVER A	SS400	
17	O RING	REFER TO TABLE 2	
16	TOP COVER B	SUS304	
15	COVER	ACRYL	
14	GUIDE PIPE	SUS316L	
13	MAGNET	ALNICO 5	
12	INDICATOR RING	SPGC+SYNTHETIC RESIN	
11	WING NUT	SS400	
10	STUD BOLT	SUS304	
9	INLET FLANGE	S25C	
8	INLET PIPE	STPG370	
7	STRAINER	SUS316L	
6	FLOAT	SUS316L	
5	BODY	STPG370	
4	BOTTOM COVER	SS400	
3	HEX. HEAD BOLT	SUS304	
2	OUTLET PIPE	STPG370	
1	OUTLET VALVE BODY	SCS14	BALL VALVE
PART No.	PART NAME	MATERIAL	REMARK
THIRD-ANGLE PROJECTION	DATE: Sep 4 '98	TYPE A103-2ADB	WATER DRAIN VALVE
		SIZE: 150X2	LARGE CAPACITY
DIM. IN: mm	FUSHIMAN CO., LTD. H-3A8634a		

NOTES

1. Be sure to install a gate valve with full bore between Water drain valve and Tank.
2. When the water drainage operation would have been completed close the inlet gate valve fully.
3. The standard float weight of the Water drain valve has been adjusted to 2950g (TABLE 1, G-5). And the materials of ORING for part no. (17)(19) are shown on #1 of TABLE 2.

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TABLE 2 O RING (17)(19)

#	MATERIAL	FLUID
1	NBR	WATER, SEAWATER, CRUDE OIL, HEAVY OIL, KEROSENE
2	FPM	WATER, GASOLINE, LIGHT OIL, NAPHTHA