

SHIP STORES



Catalog No. S-350TF Aug.2010



Human & Technology



We, all staffs SHINILACE CO., LTD.

Deeply thank you for your continuous support and encouragement. As we have accomplished high growth for short time since the foundation in 1998, we have supplied our customers the best product at the most proper price with the best delivery and service under the motto, "Let's Do Our Best." On the basis of quality management system, we are making continuous efforts to make our customers satisfied, focusing on their need, with staffs' ideas and guarantee on the products by increasing working efficiency of all staffs.

We, all staffs with one accord, will focus on the customers' satisfaction with continuous research and development, increase of quality and technological stability in order to occupy technologically higher position prior to others in the 21st market on the basis of continuous efforts and faithfulness. We expect your endless interest and encouragement to our SHINILACE CO., LTD.

All staffs of SHINILACE CO., LTD.



SHINILACE

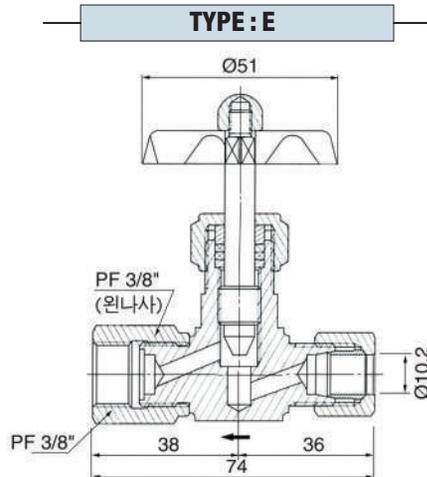
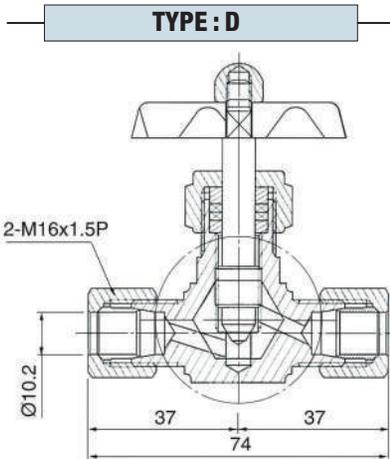
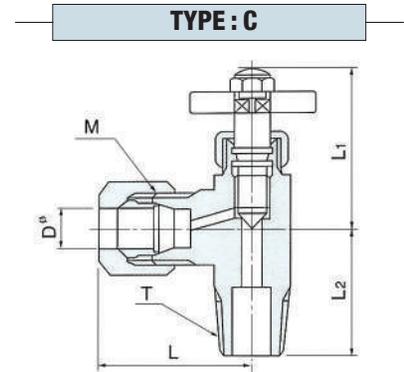
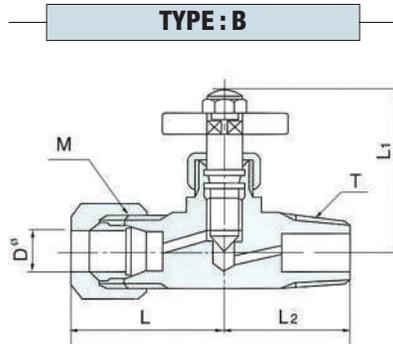
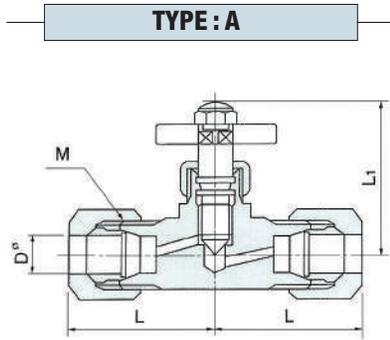
Human & Technology



SHINILACE PRODUCT



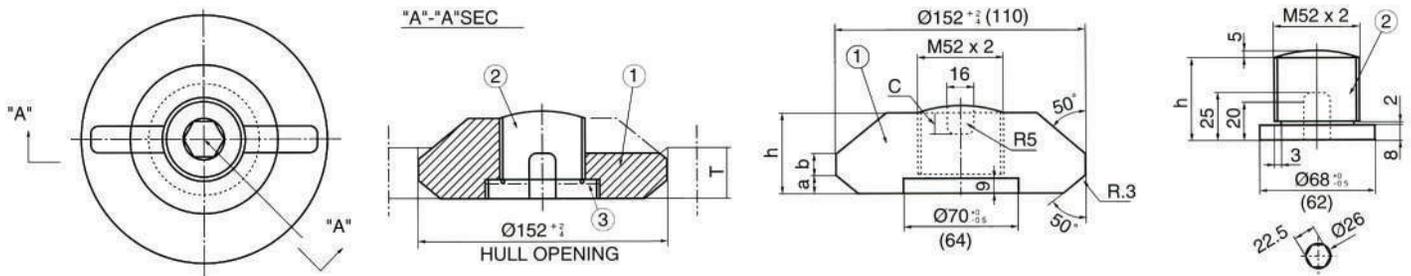
MINIATURE VALVE



TYPE	DESIGNATIONS	TUBE O.D		T (PF)	L	ABOUT		
		A				L ₁	L ₂	M
TYPE : A	BVA-06	6		-	35	65	-	M12X1.5
	BVA-08	8		-	35	65	-	M14X1.5
	BVA-10	10		-	35	65	-	M16X1.5
	BVA-12	12		-	38	70	-	M18X1.5
TYPE : B	BVB-06R02	6		1/4	35	65	25	M12X1.25
	BVB-08R02	8		1/4	35	65	25	M14X1.5
	BVB-08R03	8		3/8	35	65	28	M14X1.5
	BVB-10R03	10		3/8	35	65	28	M16X1.5
	BVB-12R04	12		1/2	38	70	34	M18X1.5
TYPE : C	BVC-06R02	6		1/4	35	65	25	M12X1.25
	BVC-08R02	8		1/4	35	65	25	M14X1.5
	BVC-08R03	8		3/8	35	65	28	M14X1.5
	BVC-10R03	10		3/8	35	65	28	M16X1.5
	BVC-12R04	12		1/2	38	70	34	M18X1.5
TYPE : D	10 \varnothing							도면참조
TYPE : E	10 \varnothing		3/8					도면참조

BOTTOM PLUG

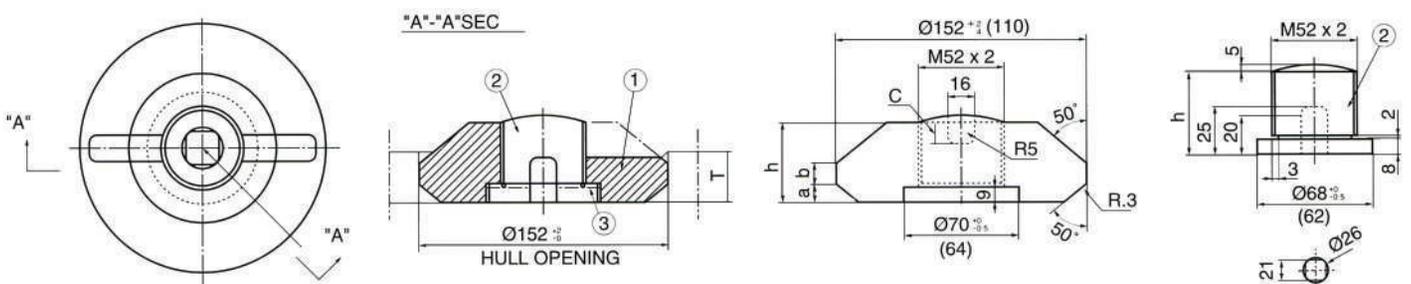
Hexagonal Groove (For oil tank)



TYPE	a	b	c	h	SHELL PLATE (t)
OA	12	12	14	50	$34.0 \leq t$
OB	10	10	16	45	$27.5 \leq t \leq 33.5$
OC	8	7	16	40	$22.5 \leq t \leq 27$
OD	6	5	19	35	$14.5 \leq t \leq 22$
OE	4	4	20	35	$t \leq 14$

POS	DESCRIPTION	Q'TY	UNIT	MATERIAL	REMARK
①	SOCKET	1	EA	STEEL PL.	HI-TEN STEEL 'AH32'
②	PLUG	1	EA	SUS 316	
③	PACKING	1	EA	Pb-LEAD	$t=3\text{mm}, O/D=69, I/D=53$

Square Groove (For water tank and etc.)

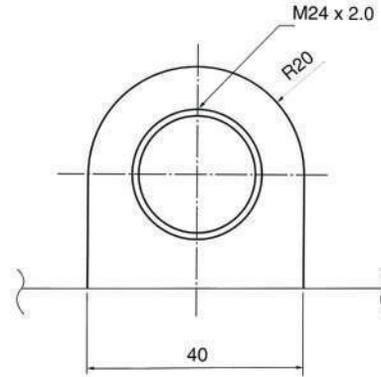
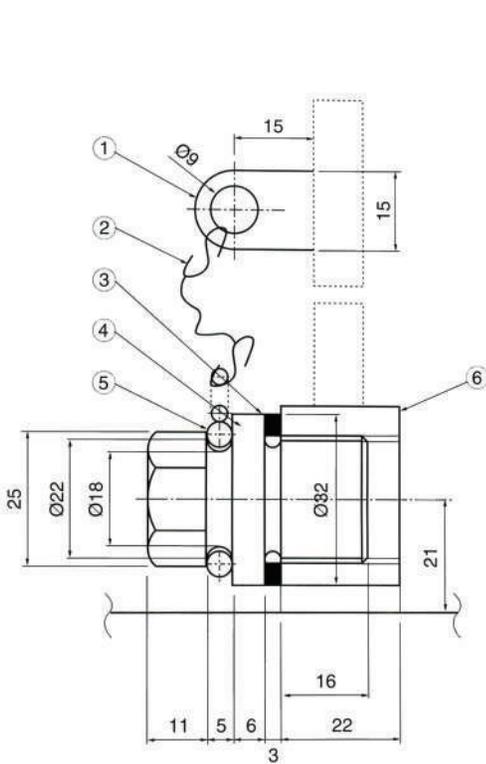


TYPE	a	b	c	h	SHELL PLATE (t)
WA	12	12	14	50	$34.0 \leq t$
WB	10	10	16	45	$27.5 \leq t \leq 33.5$
WC	8	7	16	40	$22.5 \leq t \leq 27$
WD	6	5	19	35	$14.5 \leq t \leq 22$
WE	4	4	20	35	$t \leq 14$

POS	DESCRIPTION	Q'TY	UNIT	MATERIAL	REMARK
①	SOCKET	1	EA	STEEL PL.	HI-TEN STEEL 'AH32'
②	PLUG	1	EA	SUS 316	
③	PACKING	1	EA	Pb-LEAD	$t=3\text{mm}, O/D=69, I/D=53$

DRAIN PLUG

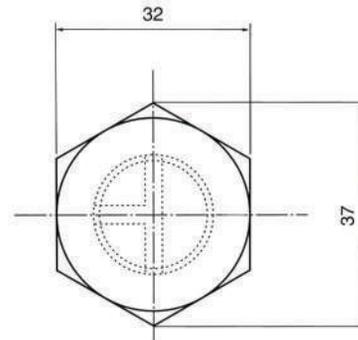
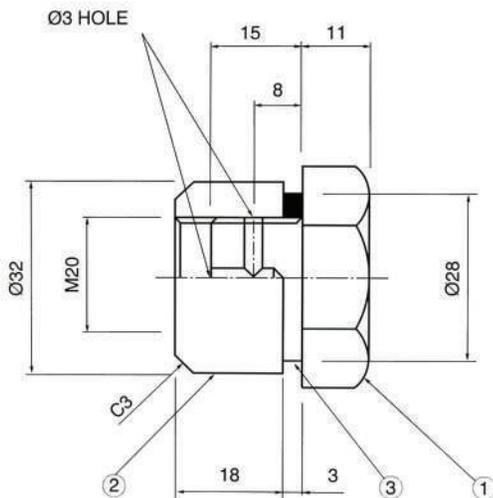
Drain plug with boss



Unit :mm

NO.	DESCRIPTION	MATERIAL	Q'TY	SIZE	REMARK
①	EYE PLATE	JIS G3101 SS41	1	22.5X15X4.5t	
②	WIRE	SUS	1	φ2X150L	
③	PACKING	NEOPRENE	1	φ32Xφ23X3t	
④	PLUG	JIS H3250 C3604BE	1	M24X2.0X41L	
⑤	PING	C2600W	1	φ3Xφ22Xφ10	
⑥	BOSS(SEAT)	JIS G3101 SS41	1	41X40X22t	

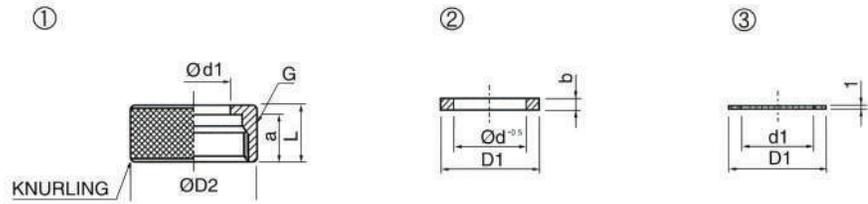
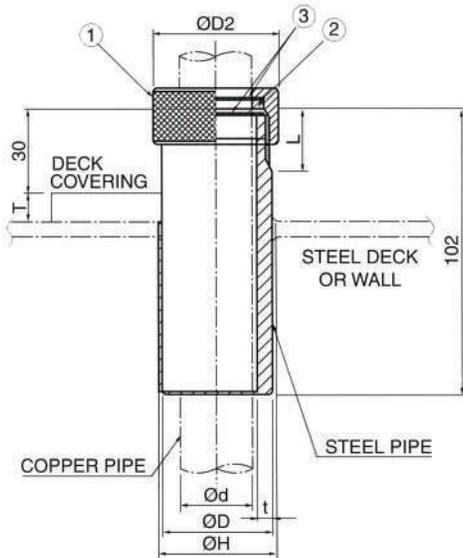
Drain and air plug with boss



NO.	DESCRIPTION	MATERIAL	Q'TY	REMARK
①	PLUG	JIS H3250 C3604BE	1	
②	SLEEVE	JIS G3101 SS41	1	
③	GASKET	JIS H3300 C1220T-0	1	

PENETRATION PIECE

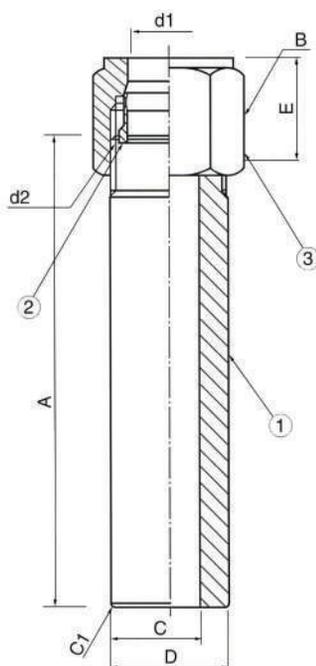
PA-TYPE



NO.	DESCRIPTION	DIMENSION	MAT'L	CT'Y	REMARKS
①	NUT		STEEL	1	GALV
②	PACKING		RUBBER	1	
③	WASHER		STEEL	2	GALV

TYPE	d	d1 +0.3	D	D1	D2	G (PF)	H	t	L	a	b	BODY
C-10	10	11	21.7	18	26	1/2	23	4.7	20	16.5	4	STS38, #160
C-15	15	16	27.2	23	32	3/4	30	5.5	20	16.5	4	STS38, #160
C-20	20	21	34.0	29	40	1	36	6.4	20	16.5	4	STS38, #160
C-25	25	26	38.0	34	44	1 1/8	40	5.5	20	16.5	4	SPECIAL PIPE
C-30	30	31.5	42.7	38	48	1 1/4	44	4.9	24	19.5	6	STS38, #80
C-35	35	36.5	48.6	44	48	1 1/2	50	5.1	24	19.5	6	STS38, #80
C-45	45	46.5	60.5	55	68	2	63	5.5	24	19.5	6	STS38, #80
C-55	55	56.5	76.3	71	82	2 1/2	78	9.5	24	19.5	6	STS38, #160

Brass-RWH TYPE



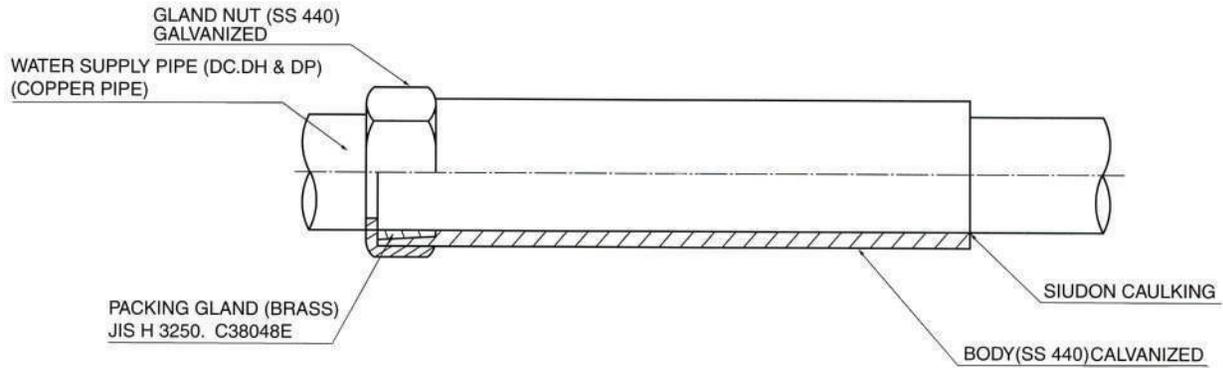
DIMENSION

TYPE	OD	A	B	C	D	E	d1	d2
BR15	15	200/100	36	16.5	32	28	16	M30X2P
BR20	20	200/100	46	21.5	44	32	21	M40X2P
BR25	25	200/100	46	26	44	32	26	M40X2P
BR30	30	200/100	60	31	60	34	31	M40X2P
BR35	35	200/100	60	36	60	34	36	M50X2P
BR40	45	200/100	70	46	63.5	34	46	M64X2P

NO	DESCRIPTION	MAT'L	QT'Y	REMARK
①	BODY	SUS316	1	
②	NUT	BRASS	1	
③	SLEEVE	BRASS	1	

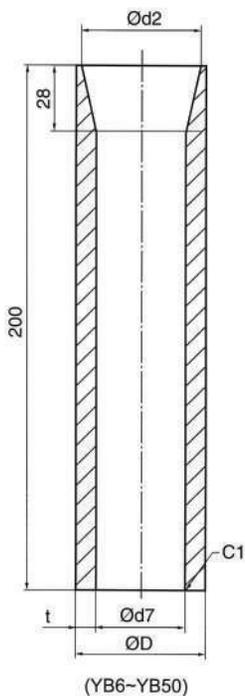
PENETRATION PIECE

YB-TYPE

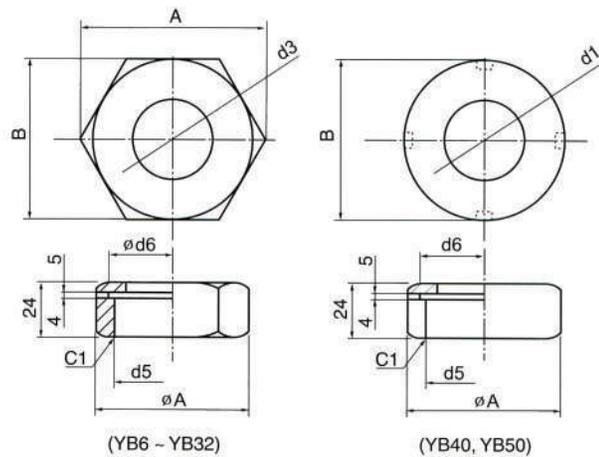


TYPE	$\frac{O.D}{d}$	D	d1	d2	$d3^{+0}_{-0.02}$	d4	d5	d6	d7	t	A	B	REMARK
YB-6	10	21.7	10.5	16.3	10.2	16.7	M21X2	22.0	14.3	3.7	34.6	30.0	
YB-8	12	21.7	12.5	16.3	12.2	16.7	M21X2	22.0	14.3	3.7	34.6	30.0	
YB-10	15	27.2	15.5	21.4	15.2	21.8	M27X2	28.0	19.4	3.9	47.0	41.0	
YB-15	20	34.0	20.5	26.2	20.2	26.6	M34X2	35.0	24.2	4.5	58.0	50.0	
YB20	25	42.7	25.5	36.2	25.2	36.6	M42X2	43.0	34.2	4.9	63.0	55.0	
YB-25	30	42.7	30.5	36.2	30.2	36.6	M42X2	43.0	34.2	4.9	63.0	55.0	
YB-32	35	48.6	35.5	40.4	35.2	40.9	M48X2	49.0	38.4	5.1	69.2	60.0	
YB-40	45	60.5	45.5	51.5	45.2	51.9	M60X3	61.0	49.5	5.5	-	75.0	
YB-50	55	76.3	55.5	64.3	55.2	64.7	M76X3	77.0	62.3	7.0	-	83.0	

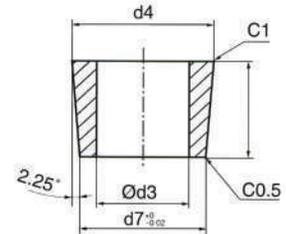
① BODY



② GLAND NUT



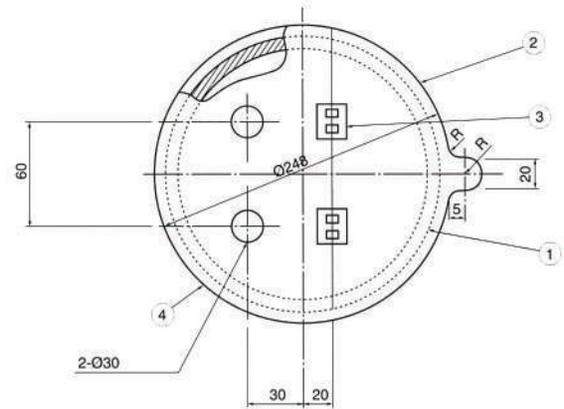
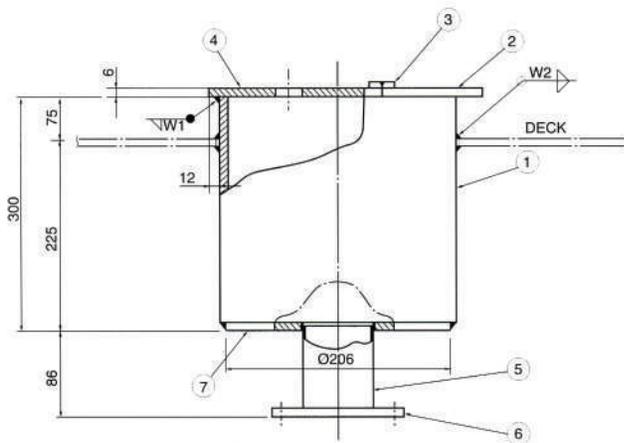
③ PACKING GLAND (MAT'L:BRASS)



NO.	NAME OF PARTS	MATERIAL	QT'Y	REMARK
①	BODY	SS 400, SUS304L	1	
②	GLAND NUT	SS 400, SUS304L	1	
③	PACKING GLAND	BRASS	1	

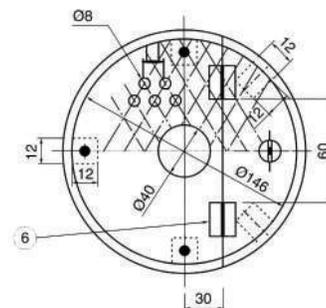
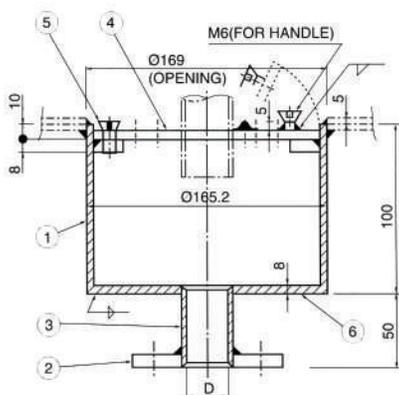
DRAIN HOPPER

■ Drain hopper for air receiver



POS.	DESIGNATION	Q'TY	MATERIAL		REMARK
①	PIPE	1	STPG370	#80E	200A
②	HINGED COVER	1	SS400		6t
③	HINGE(WELDING TYPE)	2	SS400		JIS A 550 I
④	WELDED COVER	1	SS400		6t
⑤	PIPE	1	STPG370	#80E	40A
⑥	FLANGE	1	SS400		JIS 5K-40A
⑦	PLATE	1	SS400		6t

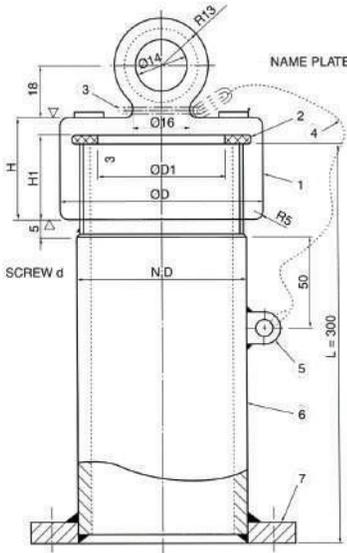
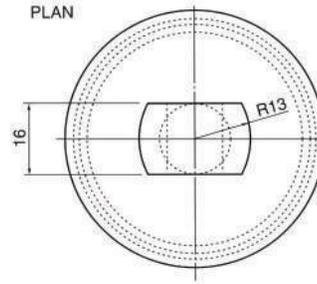
■ Drain hopper for hull tank



POS.	DESIGNATION	Q'TY	MATERIAL		REMARK
①	BODY(PIPE)	1	STPG370	#40E	150A
②	FLANGE	1	SS400		5K-25A/40A
③	PIPE	1	STPG370	#40E	25A/40A
④	ROSE PLATE	1	SS400		∅ 148X6.0t
⑤	MACHINE SCREW	3	BSBM		M5X15L
⑥	HINGE	2	SUS		25X20

SOUNDING CAP

- Deck stand type sounding cap with flange



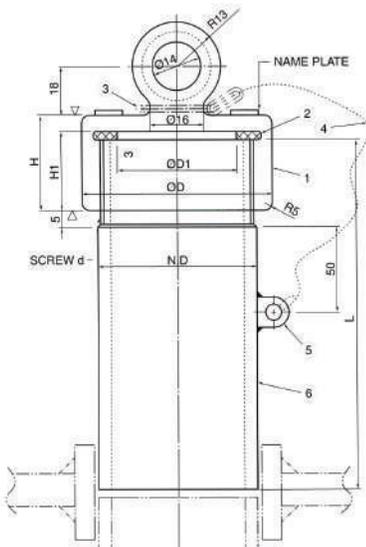
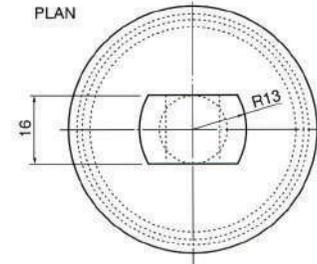
NO.	DESCRIPTION	SIZE	MATERIAL	Q'TY	REMARK
①	CAP	SEE DIMENSION TABLE	JIS H 5111 BC6	1	
②	PACKING	SEE DIMENSION TABLE	NEOPRENE RUBBER	1	
③	RING	OD=φ24, ID=φ 20, T=φ 2	JIS G 4303 SUS 316	1	
④	WIRE	JIS F 3907 L= 160	JIS G 4303 SUS 316	1	
⑤	EYE PLATE	20X20X6T	SS400	1	HOT GAL'V GAL'V THICK= MIN.77μ
⑥	STEEL PIPE	SEE DIMENSION TABLE	JIS G 3454 STPG370	1	
⑦	FLANGE	SEE DIMENSION TABLE	JIS G 3101 SS400 X5K	1	

DIMENSION TABLE

Unit :mm

NO.	PIPE SIZE		① ② SIZE				⑥ SIZE	Q'TY WT/kg	REMARK	MCC
	N.D	O.D	SCREW d	D	D1	H	H1			
①	40A	48.6	PS 1 1/2	58	36	30	25	40A SCH80E(φ48.6X5.1T)	2.13	A
②	50A	60.5	PS 2	70	48	30	25	50A SCH80E(φ60.5X5.5T)	2.82	A
③	65A	76.3	PS 2 1/2	86	62	35	28	65A SCH80E(φ76.3X7.0T)	4.52	A
④	80A	89.1	PS 3	100	75	35	28	80A SCH40E(φ89.1X5.5T)	4.59	A

- Deck stand type sounding cap with pipe



NO.	DESCRIPTION	SIZE	MATERIAL	Q'TY	REMARK
①	CAP	SEE DIMENSION TABLE	JIS H 5111 BC6	1	
②	PACKING	SEE DIMENSION TABLE	NEOPRENE RUBBER	1	
③	RING	OD=φ 24, ID=φ 20, T=φ 2	JIS G 4303 SUS 316	1	
④	WIRE	JIS F 3907 L= 160	JIS G 4303 SUS 316	1	
⑤	EYE PLATE	20X20X6T	SS400	1	HOT GAL'V GAL'V THICK= MIN.77μ
⑥	STEEL PIPE	L=300	JIS G 3454 STPG370	1	

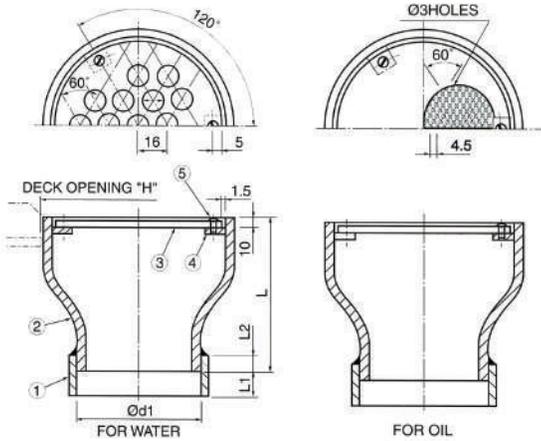
DIMENSION TABLE

Unit :mm

NO.	PIPE SIZE		① ② SIZE				⑥ SIZE	Q'TY WT/kg	REMARK	MCC
	N.D	O.D	SCREW d	D	D1	H	H1			
①	40A	48.6	PS 1 1/2	58	36	30	25	40A SCH80E(φ48.6X5.1T)	2.13	A
②	50A	60.5	PS2	70	48	30	25	50A SCH80E(φ60.5X5.5T)	2.82	A
③	65A	76.3	PS 2 1/2	86	62	35	28	65A SCH80E(φ76.3X7.0T)	4.52	A
④	80A	89.1	PS3	100	75	35	28	80A SCH80E(φ89.1X5.5T)	4.59	A

SCUPPER

WATER & OIL TYPE

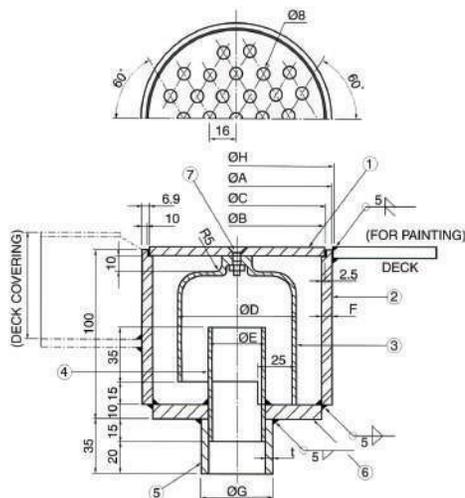


NO.	DESCRIPTION	MATERIALS	SPEC	Q'TY	REMARK
①	SLEEVE	STPG		1	
②	REDUCER	STPG		1	
③	ROSE PLATE	BRASS	3t	1	
④	STOPPER	SS41	12X12X6t	3	
⑤	ROUND HEAD SCREW	BRASS	M6X7L	3	

DIMENSIONS

SIZE	REDUCER	L	d1	SLEEVE		L1	L2	∅	"H"
				t	Sch NO.				
25	50X25	76.2	34.4	7.1	160	20	25	10	62
32	65X32	88.9	43.1	8.7	160	20	25	10	78
40	80X40	88.9	49.5	5.5	80	20	25	10	91
50	100X50	101.6	62.3	7.0	80	20	25	10	116
65	125X65	127.0	78.1	5.5	40	20	25	12	142
80	150X80	139.7	92.1	11.1	120	25	35	12	168
100	150X100	139.7	120.8	9.5	80	25	35	12	168
125	200X125	152.4	143.2	11.0	80	25	35	12	219

ACCOMODATION TYPE



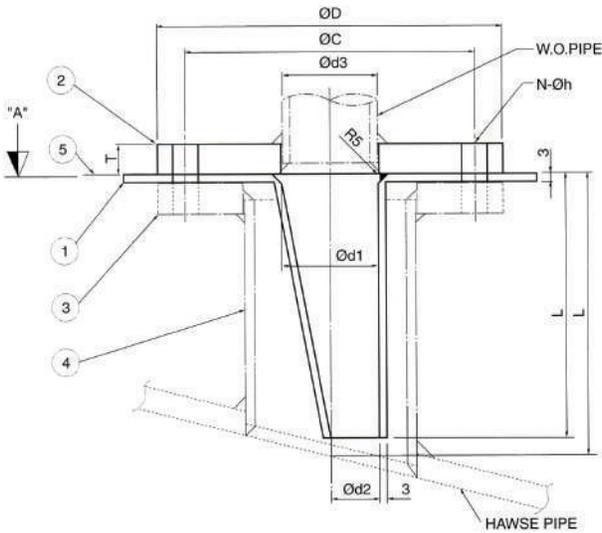
NO.	DESCRIPTION	MATERIALS	SPEC	Q'TY	REMARKS
①	ROSE PLATE	SUS304		1	
②	BODY	STPG38	SCH80	1	
③	SEAL CAP	PLASTIC	5t	1	
④	PIPE	STPG38	SCH40	3	HOT GAL'V
⑤	SLEEVE	STPG38		3	
⑥	BOTTOM PLATE	SS41	10t	3	
⑦	C/S MACHINE SCREW	SUS304	M5X15L	3	

DIMENSIONS

Unit :mm

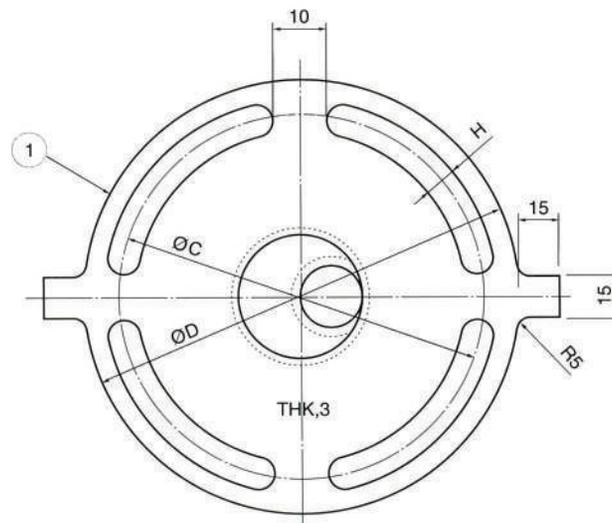
SIZE	A	B	C	D	E	F	G	H	t
40A	114.3	101	103	76	48.6	8.6	65.5	116	5.5
50A	139.8	126	128	88.5	60.5	9.5	76.3	142	7
65A	165.2	150	152	114	76.3	11	89.1	168	7.6
80A	216.3	198	200	140	89.1	12.7	108.2	219	8.6

CHAIN WASHING NOZZLE



NO.	DESCRIPTION	MATERIALS	Q'TY	REMARK
①	NOZZLE	BC6(JIS H 5111)	1	
②	DIFF.FLANGE	SS400	1	
③	S.O.FLANGE	SS400	1	YARD SUPPLY
④	PIPE	STPG370 #80E	1	YARD SUPPLY
⑤	GASKET	NON ASBESTOS	2	YARD SUPPLY

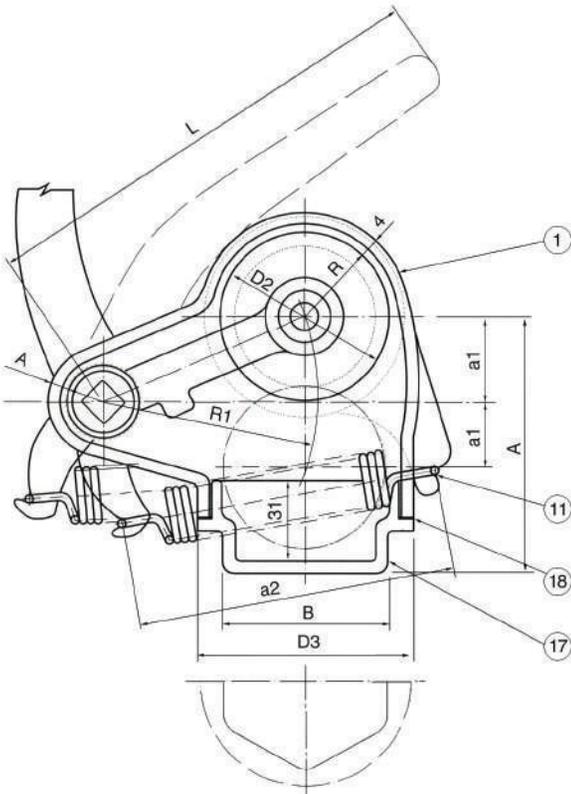
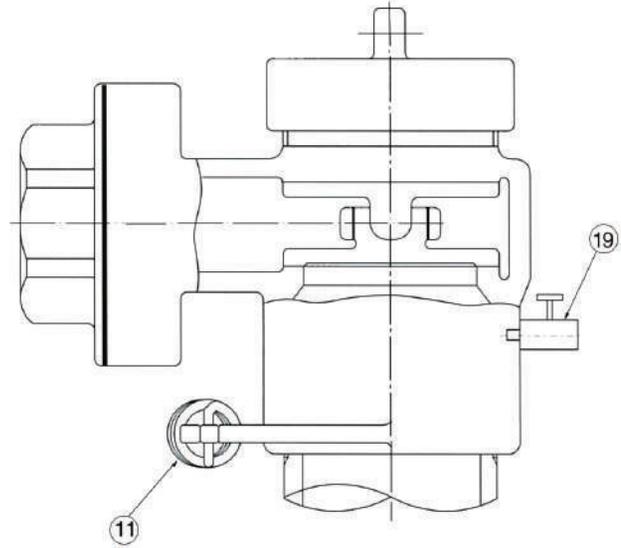
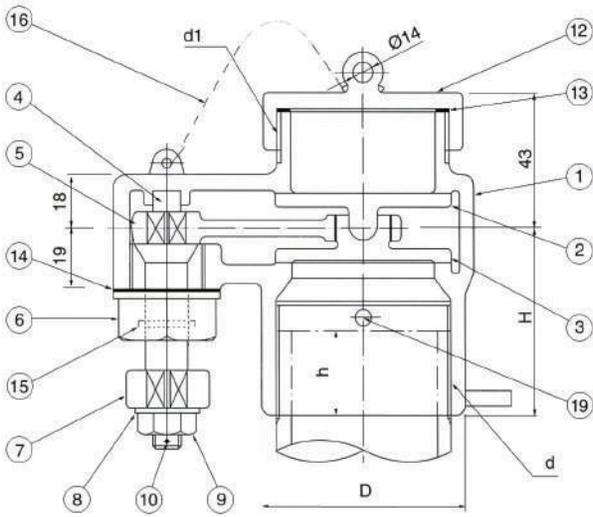
SEC. "A"



Unit :mm

SIZE	GENERAL		① NOZZLE				② DIFF FLANGE			③④⑤ PIPING		WEIGHT/kg		REMARK	MCC
	D	C	d1	d2	H	L	d3	T	N-ch	SIZE	L	①	②		
25A	130	105	34	15	17	120	35	14	4-15	5K-50A	140	0.45	1.30		A
32A	155	130	43	20	17	120	44	14	4-15	5K-65A	140	0.61	1.86		A

SOUNDING CAP SELF CLOSING GATE VALVE HEAD

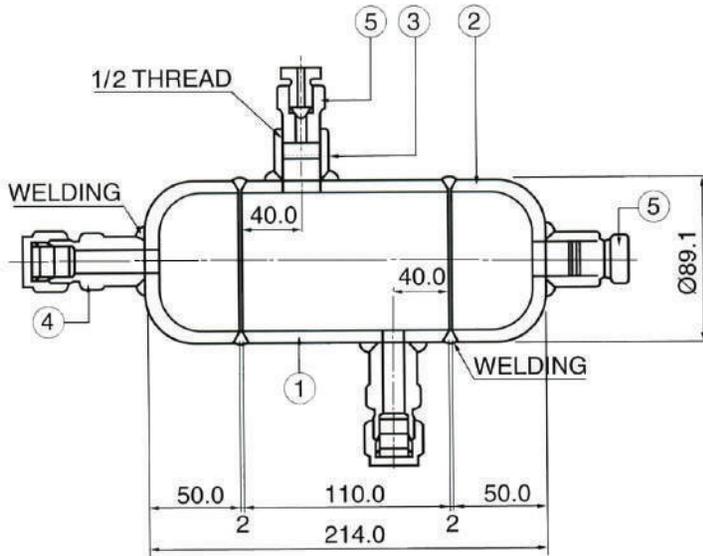


NO.	DESCRIPTION	MATERIALS
①	BODY	BC6
②	VALVE	BC6
③	VALVE	BC6
④	SPINDLE	BSBF
⑤	LEVER	BC6
⑥	PACKING GLAND	BC6
⑦	HANDLE	FC20
⑧	WASHER	BRASS PL.
⑨	HEX.NUT	BSBF
⑩	SPLITPIN	BSW
⑪	COIL SPRING	SUP
⑫	CAP	BC6
⑬	GASKET	OIL RESIST'G RUBBER
⑭	GASKET	OIL RESIST'G RUBBER
⑮	PACKING	OIL RESIST'G RUBBER
⑯	WIRE	SUS WIRE
⑰	COVER	BC6
⑱	GASKET	OIL RESIST'G RUBBER
⑲	CONTROL COCK	BS

DIMENSIONS

N.D	O.D	D	D1	D2	D3	d	d1	R	R1	H	h	A	a1	a2	B
40	48.6	58	35	43	68	PF1 1/2'	PF1 1/2"	63	53	54	30	79	18.5	109	50
50	60.5	70	50	60	78	PF2"	PF2"	63	53	60	35	94	27.5	119	56
65	76.3	85	50	60	78	PF2 1/2'	PF2 1/2"	78	68	65	40	94	27.5	119	56

SEAL & CONDENSATE POT



End Connection Designator

CONNECTION	IDENTIFIER
1/2 NPT	N
1/2 PT	R
1/2 S.W	W
1/2 Shinil Lok	T

Class Designator Of Fittings

SCHDULE NO.	IDENTIFIER
SCH 40	A
SCH 80	B
SCH 160	C
SCH XXS	D

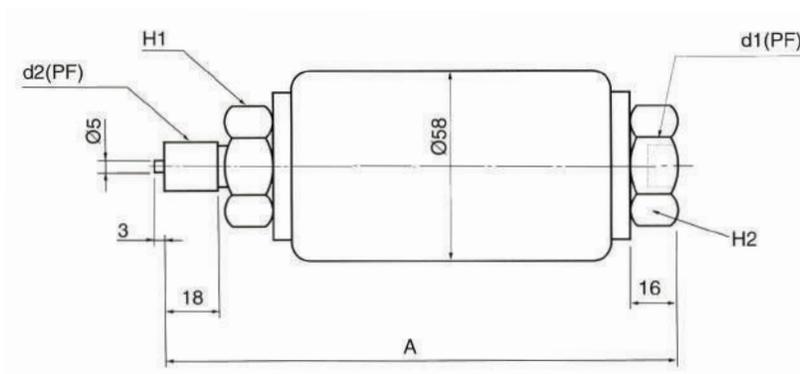
Materials of Constructions

Shapes Designator

Materials Designator

NO.	Description	Materials	Shapes	IDENTIFIER	MATERIALS	IDENTIFIER
①	3" Pipe	Refer to below		A	A335 Gr P11	1
②	3" Cap	Refer to below		B	A335 Gr p22	2
③	Half Coupling	SS316 or CS		C	A106 Gr B	3
④	Weld connector	SS316		D	A312 Gr TP304	4
⑤	Vent Plug	SS316 or CS		E	A312 Gr TP316	5
⑥	Hex Plug	SS316 or CS		F	A312 Gr TP304L	6
					A312 Gr TP316L	7

TANK SYPHON



Unit : mm

NO.	TYPE	MATERIAL	d1, d2	DIMENSION(mm)			
				A	B	H1	H2
TS2	TS10-333SSPF 3/8	SUS316	PF3/8	t61	18	32	32

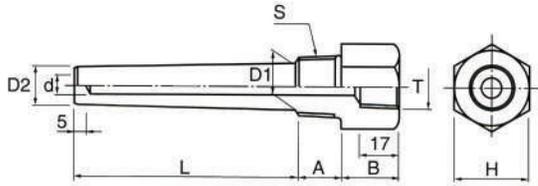
SPECIFICATION

1. USING PRESSURE : 0-150kg²/cm
2. MAX. PRESSURE : 200kg²/cm
3. TANK CAPACITY : 80cc
4. FLUID TEMP : LESS THAN 350°C
5. WEIGHT : 1.8Kg

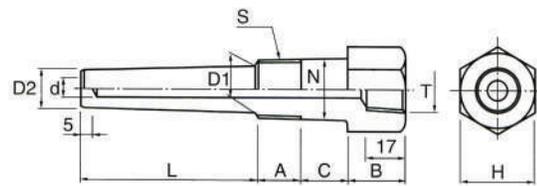
THERMOWELL

일반적으로 부식성이 강한 기체 액체 및 고온, 고압, 진동, 충격, 유속 등의 축운조건하에서 장기간 충분한 강도를 유지하기 위해 금속보호관이 사용되고 있으며 이러한 조건에 대하여 충분한 검토후 제작합니다.

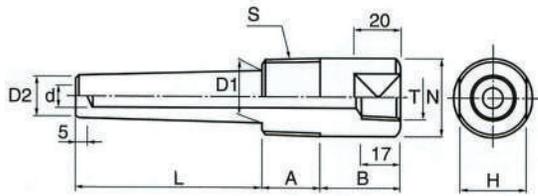
TW-01
Hexagonal Screwed-in Type



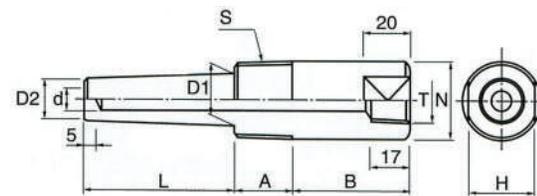
TW-02
Hexagonal Screwed-in Type



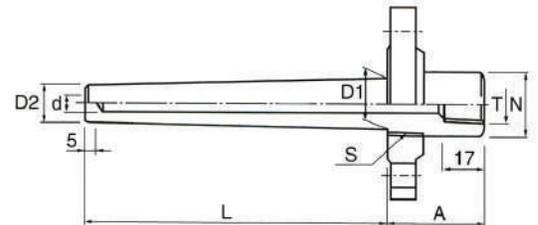
TW-03
Screwed-in Weld Type



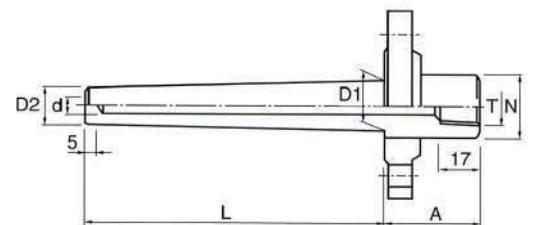
TW-04
Screwed-in Weld Type



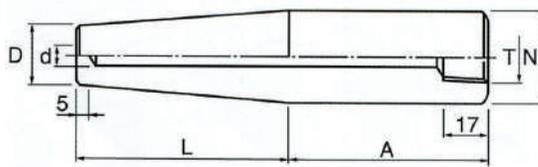
TW-05
Flanged (Screwed-in) Type



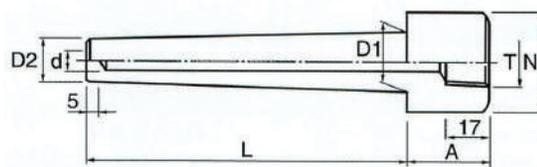
TW-06
Flanged (Weld) Type



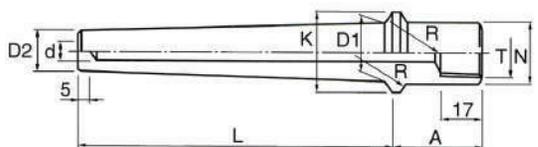
TW-07
Plain Weld Type



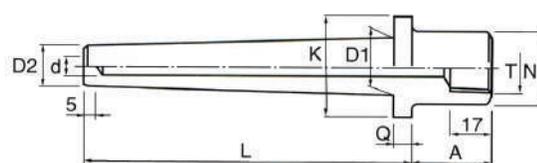
TW-08
Weld Type



TW-09
Ball Joint Type

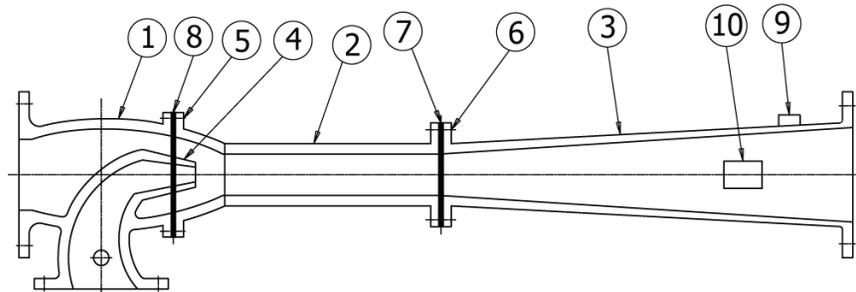


TW-10
Van Stone Type



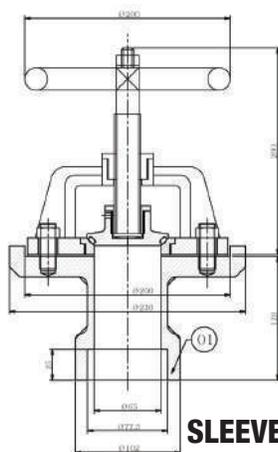
주문방법: 1) MODEL NO 2) TYPE(DRILLED BAR STOCK or PROTECTING TUBE) 3) 각 DIMENSION 4) 재질
5) 사용압력, 온도 기타분위기 6) FLANGE규격 7) 기타 참고사항

Bilge Eductor For C/L & Bosun

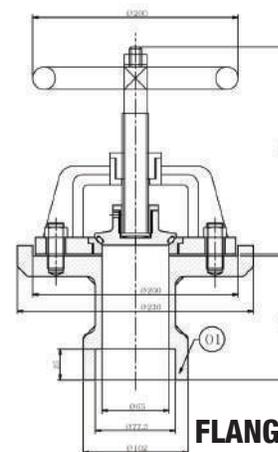


No.	DESCRIPTION	Q'TY	MATERIAL	SIZE	REMARKS
01	BODY	1	FCD450		150A
02	THROAT	1	FCD450		5K-25A/40A
03	DIFFUSER	1	FCD450		25A/40A
04	NOZZLE	1	SUS316		∅ 148X6.0t
05	STUD B/N	16	SUS304		M5X15L
06	HEX B/N	12	SUS304		25X20
07	GASKET	1	NON-AS.		
08	GASKET	1	NON-AS.		
09	PLUG	3	BC6	PT 3/8"	
10	NAME PLATE	1	SUS304		

Surface Valve



SLEEVE TYPE



FLANGE TYPE

NO.	DESCRIPTION	Q'TY	MATERIALS	REMARK	NO.	DESCRIPTION	Q'TY	MATERIALS	REMARK
01	Valve body	1	FCD450/BC6		08	Wrench Bolt	1	SUS304	M5
02	Valve Yoke	1	FCD450/BC6		09	Gasket	1	Non-ASB.	
03	Valve Seat	1	FCD450/BC6		10	O-ring	1	VITON	P65
04	Valve Disc	1	BsBFE		11	Stud Bolt & Nut	1	SS400	M16x55L
05	Valve Stem	1	SUS304		12	Spring washer	4	SK-5	M12
06	Adjust Nut	1	BsBFE		13	Locking Nut	1	SS400	M12
07	Stem Guide Nut	1	BsBFE		14	Handle	1	FC200	