みすず精工技術資料：クラスB
MISUZU PROPRIETARY: CLASS B

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C/H 図面番号 DRAWING NO. F1 ON-8099-000-29 | 改定履歴 REVISIONS 1 | 名称 TITLE (ABBR.) | 品質管理 REMARKS | 員数 PREP. | M.F. 普通許容差ハ下記ニヨル | MODEL CODE

WEIGHT 1500 kg

SPEC.

1. FLUID	;	LUBE OIL (ISO VG32)
2. FLOW RATE	;	7420 L/min.
3. DESIGN PRESSURE	;	8.4 bar (g) [0.84 MPa (g)]
4. DESIGN TEMPERATURE	;	79 ℃
5. ALLOWABLE DIFFERENTIAL PRESSURE	;	1 bar (g) [0.1 MPa (g)]
6. HYDRAULIC INSPECTION		
1) HYDRAULIC TEST PRESSURE FOR THE BODY	;	12.6 bar (g) [1.26 MPa (g)]
2) HYDRAULIC TEST PRESSURE FOR THE COCK PLUG	;	9.3 bar (g) [0.93 MPa (g)]
THE WATER LEAKAGE PER MINUTE SHALL BE LESS THAN	;	87.2 cm³/min
7. PRESSURE LOSS		
1) at 27℃		
CLEAN	;	0.352 bar (g) [35.2 kPa (g)]
60% CLOGGED	;	0.469 bar (g) [46.9 kPa (g)]
2) at 46℃		
CLEAN	;	0.308 bar (g) [30.8 kPa (g)]
60% CLOGGED	;	0.374 bar (g) [37.4 kPa (g)]

FILTER DETAIL	
DIA. OF HOLE	12 mm
PITCH OF HOLE	15 mm
PASSAGE AREA	3986.7 cm²
INLET AREA	490.8 cm²
RATIO	8.1
MESH	P×16×80×16
PASSAGE RATIO OF WIRE GAUZE	34.1 %
EFFECTIVE PASSAGE AREA RATIO	2.76

	No.	NAME	MATERIAL	EQUIVALENT TO ASTM	QUANTITY
	52	WASHER	SS400	A283M Gr.D	8	M24
	51	HEX. NUT	SS400	A283M Gr.D	8	M24 H=19
	50	FOUNDATION BOLT	SS400	A283M Gr.D	8	M24×400
	49	BRACKET	SS400	A283M Gr.D	2	
	48	RIVET	SUS304	A276-Type304	8	
	47	NAME PLATE	SUS304	A240M-Type304	2	
	46	DRAIN VALVE	S28C	AISI-1029	2	600LB-DN25 (S.W)
	45	DRAIN PIPE	STPG370-S	A53M Gr.A	2	DN25 sch40
	44	AIR VENT VALVE	S28C	AISI-1029	2	600LB-DN25 (S.W)
	43	AIR VENT PIPE	STPG370-S	A53M Gr.A	2	DN25 sch40
	42	PRESSURE BALANCE VALVE	S28C	AISI-1029	1	600LB-DN25 (S.W)
	41	90°ELBOW	S25C	AISI-1025	2	DN25 ×DN25(S.W)
	40	PRESSURE BALANCE PIPE	STPG370-S	A53M Gr.A	1	DN25 sch40
	39	PRESSURE BALANCE PIPE	STPG370-S	A53M Gr.A	1	DN25 sch40
	38	PRESSURE BALANCE PIPE	STPG370-S	A53M Gr.A	2	DN25 sch40
	37	CAUTION PLATE	SUS304	A240M-Type304	1	
	36	O RING	NBR		2	AS568 No.386
	35	O RING	NBR		1	AS568 No.463
	34	O RING	NBR		1	JIS B2401 P120
	33	GASKET	NON-ASBESTOS FIBER SHEET (VALQUA No.6500)		1	ø350×ø261×1.5t PCD.ø310(12-ø23)
	32	KNOCK PIN	SS400	A283M Gr.D	1	
	31	PAN HEAD SCREW	SUS304	A276-Type304	4	
	30b	PAN HEAD SCREW	SUS304	A276-Type304	3	
	30a	BRACKET	SS400	A283M Gr.D	1	
	30	INDICATOR	C2801P	BS84 C03600	1	
	29	HEX. NUT	SS400	A283M Gr.D	24	
	28	STUD BOLT	SS400	A283M Gr.D	24	
	27	HEX. NUT	SS400	A283M Gr.D	4	
	26	STUD BOLT	SS400	A283M Gr.D	4	
	25	HEX. BOLT	SS400	A283M Gr.D	12	
	24	SET SCREW	SUS304	A276-Type304	1	
	23	HEX. NUT	SS400	A283M Gr.D	1	GALVANIZED
	22	HEX. BOLT	SUS304	A276-Type304	4	
	21	HEX. BOLT	SS400	A283M Gr.D	4	GALVANIZED
	20	HEX. BOLT	SS400	A283M Gr.D	2	
	19	BRIDGE	SCPH2		1	
	18	WASHER	SUS304	A240M-Type304	1	
	17	HANDLE COVER	SUS304	A240M-Type304	1	
	16	ADAPTER	SUS403	A240M-Type403	1	
	15	COCK LIFTING HANDLE	SS400	A283M Gr.D	1	GALVANIZED
	14	THRUST WASHER	CAC406	BS84 C83600	1	
	13	STOPPER	SS400	A283M Gr.D	1	GALVANIZED
	12a	PIN	SUS304	A240M-Type304	2	
	12	COCK HANDLE	SS400	A283M Gr.D	1	GALVANIZED
	11	GRAND	CAC702	B148 C95400	1	
	10	WASHER	SS400	A283M Gr.D	1	
	9	LOCK NUT	SUS304	A276-Type304	1	
	8	SCREW BUSH	CAC702	B148 C95400	1	
	7	AJUSTING SCREW	SUS304	A240M-Type304	1	
	6	COCK PLUG	CAC702	B148 C95400	1	
○	5	COCK BOTTOM COVER	SS400	A283M Gr.D	1	
○	4	COCK COVER	A216M WCB		1	
	3-9	FILTER HANDLE	SUS304	A240M-Type304	2	
	3-8	HEX. NUT	SUS304	A276-Type304	2sets	
	3-7	HEX. BOLT	SUS304	A276-Type304	2sets	
	3-6	WIRE GAUZE	SUS304W	A313-Type304	2sets	
	3-5	FASTENER	SUS304	A240M-Type304	2	
	3-4	FASTENER	SUS304	A240M-Type304	8	
	3-3	FILTER BOTTOM PLATE	SUS304	A240M-Type304	2	
	3-2	FILTER BRIM	SUS304	A240M-Type304	2	
	3-1	FILTER	SUS304	A240M-Type304	2	
	3	FILTER ASSEMBLY			2sets	
	2-3	COVER HANDLE	SS400	A283M Gr.D	4	
	2-2	HANDLE HOLDER	SS400	A283M Gr.D	4	
○	2-1	BODY COVER	SS400	A283M Gr.D	2	
	2	BODY COVER ASSEMBLY			2sets	
○	1	BODY	A216M WCB		1	

60NAV17AT001 / 60NAV16AT001 / 50NAV17AT001 / 50NAV16AT001	MAIN DUPLEX OIL FILTER A/B	19.7o-20-65	1
TAG No.	STRAINER NAME	19.2o-20-59	1
		MANUFACTURE No.	Q'TY

REVISIONS			
REV.	箇所	記事 CONTENTS	承認 APPROVED BY
⚠1		REVISED BY THE COMMENT.	調査 REVIEWED BY
			担当 PREPARED BY

T.Murase 7-Dec.-18 / K.Tanaka 7-Dec.-18 / Y.Kakegawa 7-Dec.-18

承認 APPROVED BY T.Murase 13-Mar-'18
調査 REVIEWED BY K.Tanaka 13-Mar-'18
担当 PREPARED BY Y.Kakegawa 13-Mar-'18

尺度 SCALE 1:8
単位 UNITS mm

みすず精工株式会社
MISUZU SEIKO CO., LTD.

名称 TITLE
MAIN DUPLEX OIL FILTER A/B
[CAST STEEL DN250(FLG.ASME-150LB) DUPLEX OIL FILTER]
TANJUNG JATI B RE EXPANSION PROJECT 2 X 1000MW

図面番号 DRAWING NO. ON-8099-000-29 (1/1)
REV.MARK 1