

Lube Oil Filter

117-GN-801

⑭ FILTER

MATERIAL LIST

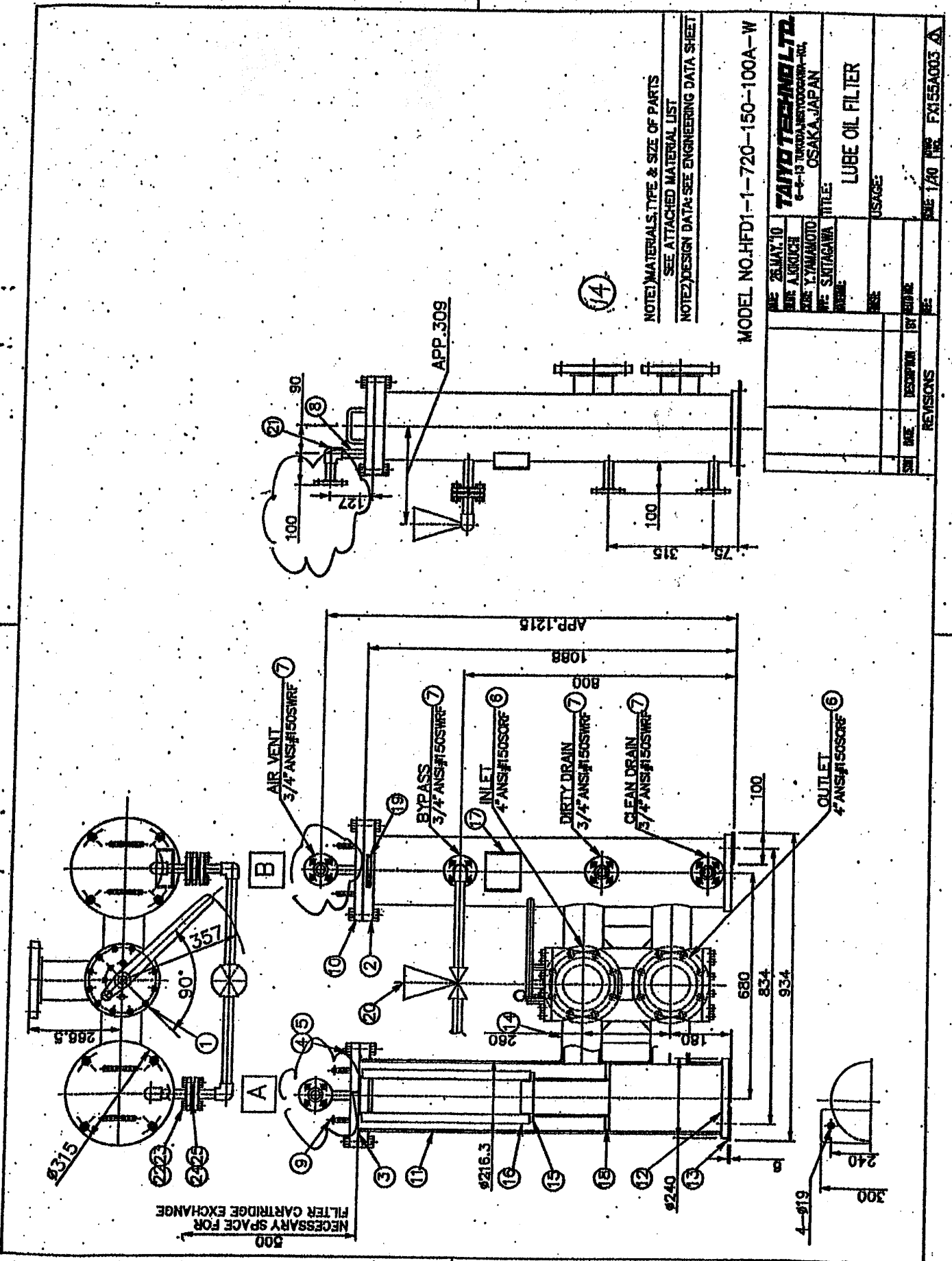
No.	PARTS	MATERIALS		Q'TY	REMARKS
		EQUIV.ASTM	JIS		
1	TRANSFER VALVE	S.S.	S.S.	1	O-040B150W
2	SHELL FLANGE	A240 304	SUS304	2	121
3	O RING	NBR	NBR	2	G-230-1A
4	STUD BOLT	A193-B7	SNB7	8	M16×100 [GLVD]
5	NUT (HEAVY)	A194-2H	8480	8	M16 [GLVD]
6	NOZZLE FLANGE	A182F304	SUSF304	2	4" ANSI#150SCHF
7	FLANGE	A182F304	SUSF304	10	3/4" ANSI#150SWRF (Sch80)
8	PIPE	A312TP304	SUS304TP-S	14	3/4" Sch80
9	HANDLE	AISI304	SUS304	4	
10	COVER	A240 304	SUS304	2	124
11	SHELL	A312TP304	SUS304TP-A	2	8" Sch20
12	END PLATE	A240 304	SUS304	2	119
13	BASE	AISI304	SUS304	2	118
14	NOZZLE PIPE	A312TP304	SUS304TP-S	4	4" Sch40
15	ELEMENT END PLATE	AISI304	SUS304	2	
16	FILTER CARTRIDGE	AISI304	SUS304	2	FB720-010-00
17	NAME PLATE BASE	AISI304	SUS304	1	
18	SEPARATE PLATE	A240 304	SUS304	2	
19	ITEM NO. NAME PLATE	AISI304	SUS304	2	
20	GATE VALVE	A182F304	SUSF304	1	3/4" SW Compact#800
21	ELBOW(S)	AISI304	SUS304	4	3/4" Sch80
22	STUD BOLT	A193-B7	SNB7	8	M12×66 [GLVD]
23	NUT (HEAVY)	A194-2H	8480	16	M12 [GLVD]
24	GASKET	NON-ASBESTOS	NON-ASBESTOS	3	3/4" ANSI#150RF (1.5V#6600)
25	ORIFICE	AISI304	SUS304	1	14.02
REMARKS		FLANGE FACE FINISH SHALL BE 125~250AARH SPIRAL SCRATCH PER ANSI B16.3.			

DATA SHEET

1	FLOW SUBSTANCE	ISO VG-320 Gear oil
2	FLOW RATE NOR./MAX.	- / 488 L/min
3	OPERATING PRESS.	- kg/cm ² G
4	DESIGN PRESS.	10 kg/cm ² G
5	OPERATING TEMP.	45 °C
6	DESIGN TEMP.	80 °C
7	VISCOUSITY	320 mm ² /S at 40°C
8	ALLOWABLE PRESS. DROP	below 0.35 kg/cm ² at 45°C
9	DEG. OF FILTRATION	10 μm
10	HYDRO. TEST PRESS.	15 kg/cm ² G
11	PWHT	NO
12	RADIOGRAPHY	NO
13	CORR.ALLOWANCE	0 mm
14	CODE	ASME SEC.IV DIV.1 (NO STAMP)
15	EMPTY WEIGHT	API 614.4h APP.300 kg

				DATE	28.MAY.10	MODEL NO.	HFD1-1-720-150-100A-W
				DRAW BY	A.KIKUCHI	DRAWING NO.	FX155A003A
				CHECK BY	Y.YAMAMOTO	ORDER NO.	1-09-00642-P
SYM	DATE	BY	APP.	APP	S.KITAGAWA	JOB NO.	
REVISIONS						DOCUMENT NO	MD-DTF1031-10A

TAIYO TECHNO LTD.



NOTE) MATERIALS, TYPE & SIZE OF PARTS

SEE ATTACHED MATERIAL LIST

NOTE) DESIGN DATA: SEE ENGINEERING DATA SHEET

MODEL NO. HFD1-1-720-150-100A-W

DATE	25 MAY '10	DESIGNED BY	Y. YAMAMOTO	CHECKED BY	Y. YAMAMOTO
DRAWN BY	A. KUROKI	DATE	25 MAY '10	REVISIONS	
COMPANY	TAYO TECHNO LTD.	PROJECT NO.	8-8-13 TAYOJAS1000000-001	DESCRIPTION	
LOCATION	OSAKA, JAPAN	TITLE	LUBE OIL FILTER	REVISIONS	
REVISIONS		DATE		DESCRIPTION	
NO.	1/40	REV.	FX155A003		