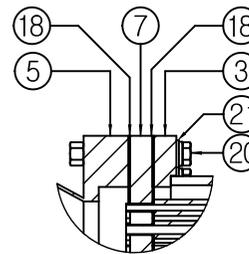


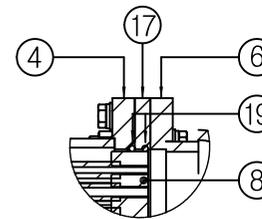
PART LIST

21	SPRING WASHER	24	M16	HSWR3
20	BOLT	24	M16	SCM445
19	"O"RING	2		FKM
18	GASKET	2	1.5T (Non-Asbestos)	7300
17	LINER PLATE	1	Ø345x14T	STS304
16	BRACKET	2	6T	SS275
15	WATER DRAIN SOCKET	1	PT 1/2"	SPPS
14	OIL DRAIN SOCKET	1	PT 3/4"	SPPS
13	LUG	2	6T	SS275
12	C/W OUTLET	1	4" ANSI B16.5 150LB	SPPS/SS275
11	C/W INLET	1	4" ANSI B16.5 150LB	SPPS/SS275
10	OIL OUTLET (WELDING NECK FLANGE)	1	3" ANSI B16.5 150LB	SPPS/SS275
9	OIL INLET (WELDING NECK FLANGE)	1	3" ANSI B16.5 150LB	SPPS/SS275
8	TUBE SHEET - RH	1	Ø345x20T	SS400
7	TUBE SHEET - LH	1	Ø345x20T	SS400
6	SIDE COVER - RH	1	Ø345x20T	SS400
5	SIDE COVER - LH	1	Ø345x40T	SS275
4	SHELL FLANGE - RH	1	Ø345x20T	SS400
3	SHELL FLANGE - LH	1	Ø345x20T	SS275
2	FINNED TUBE	118	Ø9.52x1598L	C1220T/AL
1	SHELL	1	250A	SPP
ITEM NO.	PART NAME	Q'ty	SIZE	MATERIAL



DETAIL "A"

(S=1/2)



DETAIL "B"

(S=1/2)

DATA SPECIFICATION

No.	ITEM	DESCRIPTION	UNIT	
1	Heat Dissipation	215,700		Kcal/h
2	Heat Transfer Area	36.5		M ²
3	Fluid		OIL	WATER
4	Flow Rate		450	500
5	Max. Working Pressure		15	10
6	Test Pressure		20	20
7	Temperature	Working (IN/OUT)	78/58.8	35/42.2
		Design	120	70

DESIGN				1 OF 1	
TITLE		SHELL & TUBE COOLER			ISSUE DATE
		HOC2-10-1206-PKJ			
DESIGN TEAM		PROJECTION METHOD	THIRD ANGLE PROJECTION	SCALE	N / A
DRWN	J.Y.MIN	22.08.08	PART NO.		A3
CHK'D					QTY
REV'D			DWG NO.		REV.
APP'D					