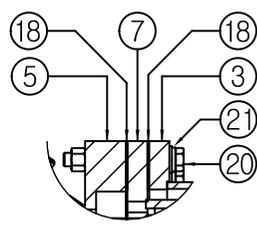


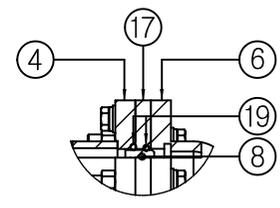
**PART LIST**

ITEM NO.	PART NAME	Q'ty	SIZE	MATERIAL
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	Ø292x14T	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	2 1/2" ANSI B16.5 150LB	SPPS/SS275
11	C/W INLET	1	2 1/2" ANSI B16.5 150LB	SPPS/SS275
10	OIL OUTLET (WELDING NECK FLANGE)	1	2 1/2" ANSI B16.5 150LB	SPPS/SS275
9	OIL INLET (WELDING NECK FLANGE)	1	2 1/2" ANSI B16.5 150LB	SPPS/SS275
8	TUBE SHEET - RH	1	Ø292x18T	SS400
7	TUBE SHEET - LH	1	Ø292x18T	SS400
6	SIDE COVER - RH	1	Ø292x18T	SS400
5	SIDE COVER - LH	1	Ø292x36.5T	SS275
4	SHELL FLANGE - RH	1	Ø292x18T	SS400
3	SHELL FLANGE - LH	1	Ø292x18T	SS275
2	FINNED TUBE	86	Ø9.52x1598L	C1220T/AL
1	SHELL	1	200A	SPP



**DETAIL "A"**

(S=1/2)



**DETAIL "B"**

(S=1/2)

**DATA SPECIFICATION**

No.	ITEM	DESCRIPTION	UNIT
1	Heat Dissipation	132,900	Kcal/h
2	Heat Transfer Area	27.2	M <sup>2</sup>
3	Fluid	OIL WATER	
4	Flow Rate	280 267	L/min
5	Max. Working Pressure	15 10	bar
6	Test Pressure	20 20	bar
7	Temperature	Working (IN/OUT) 76/57 35/43.3	°C
		Design 120 70	°C

DESIGN

1 OF 1

TITLE SHELL & TUBE COOLER

HOC2-8-1206-PKJ

ISSUE DATE

DESIGN TEAM			PROJECTION METHOD	THIRD ANGLE PROJECTION	SCALE	N / A	A3
DRWN	J.Y.MIN	22.08.08					
CHK'D							
REV'D							
APP'D							

DWG NO.

REV.