



CUSTOMER NAME		
PROJECT NAME		
APPLICATION		
FLOW DIRECTION	Free space for Maintenance	
HEAT CAPACITY	224,000Kcal/hr	
DESIGN DATA	HOT SIDE	COLD SIDE
MEDIA	HyOil ISOVG46	WATER
FLOW RATE	740L/min	500L/min
HEAT TRANSFER AREA	45.54m ²	
INLET	1F	3F
OUTLET	4F	2F
CONNECTION SIZE	JIS 10K 100A	JIS 10K 100A
CONN. MATERIAL	SUS304	SUS304
DESIGN/TEST PRESS. (BAR)	10 / 13	
DESIGN TEMP.°C	100	
PAINT COLOR	5.9PB3/7	
WEIGHT (EMPTY/FULL)	987 / 1110	Kg

8	SUPPORT	SS400	1	—
7	LOWER CARRYING BEAM	SUS304	1	—
6	UPPER CARRYING BEAM	SS400+SUS304	1	—
5	TIGHTENING NUT	A194 2H	10	M30
4	TIGHTENING BOLT	A193 B7	10	M30
3	LOOSE PLATE	SS275	1	—
2	BASE PLATE	SS275	1	—
1	PLATE/GASKET	SUS316L 0.6t / NBR	68	—
NO	DESCRIPTION	MATERIAL	Q'ty	REMARK

Max No of Plates	All Dimension In Millimeters			
	LT	LG	N	K
45	500	740	830	905
107	750	1040	1130	1205
187	1100	1340	1430	1505
251	1450	1640	1730	1805
301	1900	1940	2030	2105
350	1900	2240	2330	2405
444	2400	2540	2630	2705

(68) Plates
A=(241)mm

A = n × 3.55
n: number of Plates (0.6mm)

DESIGN				1 OF 1	
TITLE				ISSUE DATE	
PLATE HEAT EXCHANGER					
HGPC M100X-68					
DESIGN TEAM		PROJECTION METHOD	THIRD ANGLE PROJECTION	SCALE	N / A
DRWN	J.Y.MIN	22.11.08			A3
CHK'D					Q'TY
REV'D					REV.
APP'D			DWG NO.		