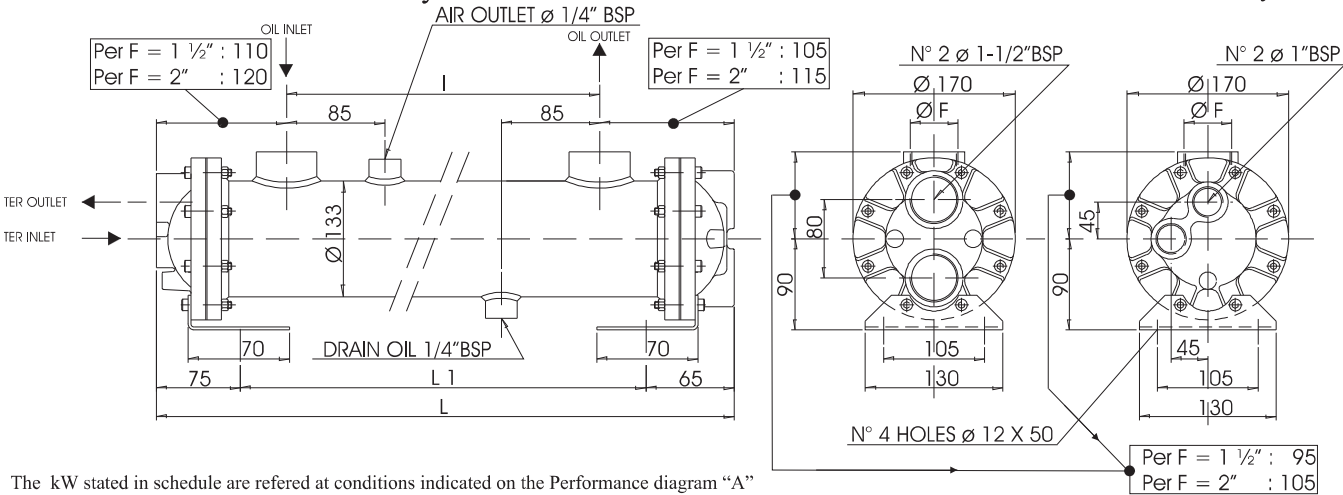


Series Coolers OBS6

Code	Capacity .	Oil flow (L/min)	kW Dissipated (With oil 55 °C and H ₂ O 20 °C)	Weigth	Over all dimensions			
					F	I	L	L1
OBS 6-28 - *	3.00	55 - 160	12 - 30	19.0	1-1/2"	285	500	360
OBS 6-53 - *	5.00	80 - 230	19 - 52	26.0	1-1/2"	535	750	610
OBS 6-54 - *	5.50	125 - 300	34 - 63	26.0	2"	520	755	615
OBS 6-83 - *	8.00	180 - 420	56 - 94	36.0	2"	830	1065	925
OBS 6-84 - *	7.50	110 - 270	40 - 71	36.0	1-1/2"	845	1060	920
OBS 6-99 - *	9.00	130 - 310	51 - 97	40.0	1-1/2"	995	1210	1070
OBS 6-113 - *	9.00	170 - 450	65 - 119	50.0	2"	1130	1365	1225
OBS 6-114 - *	8.50	130 - 320	67 - 112	50.0	1-1/2"	1145	1360	1220

* = 2 with water circuit two ways

* = 4 with water circuit four ways



The kW stated in schedule are referred at conditions indicated on the Performance diagram "A"

Code	Shell	Covers	Seals	Pipes	Tubing plate	Deflector baffles
All	Fe 510.2	G25	NBR	CuDHP	C40	C37

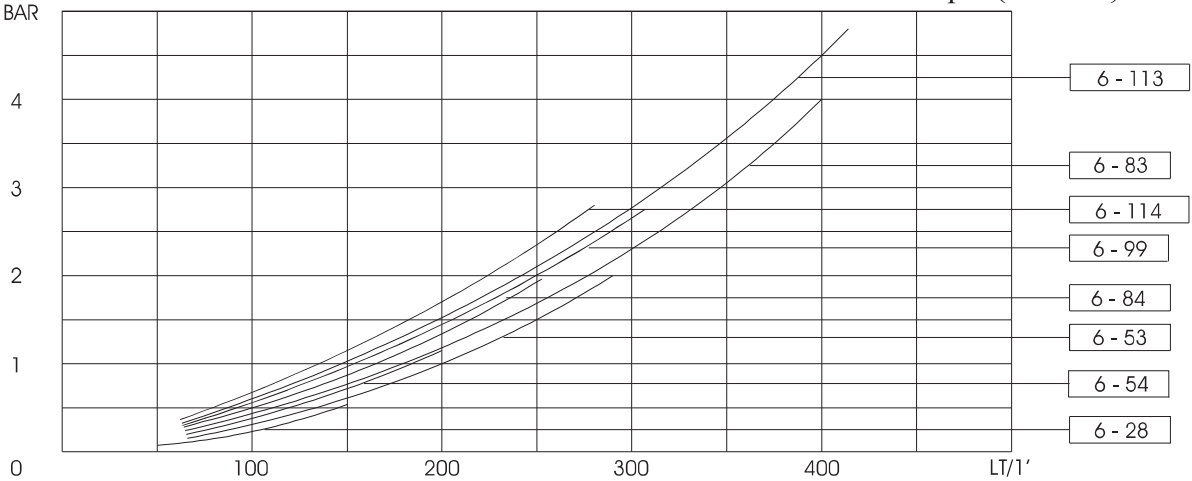
TECHNICAL DATE

Max Working Pressure	: 12 bar
Test Pressure	: 18 bar
Max Working Temperature	: + 99° C

CORRECTION FACTOR (C) - PRESSURE DROP

Cst	10	15	20	30	40	50	60	80	100	200	300
C	0,50	0,65	0,75	1,00	1,20	1,40	1,60	1,90	2,10	3,10	4,20

PRESSURE DROP Values in indicated the schedule V 30 mmq./s (~30 cSt)



Technical characteristic herein mentioned are not binding and it can be modified from without any notice.

PERFORMANCE DIAGRAM OBS6

DIAGRAM “ A “ Water circuit cooler 4 ways

The dissipation, expressed in HP and indicated in schedule, takes place when:

Oil inlet reaches a temperature of 55°C and a viscosity of 30 cSt.

Water cooling of 20°C with a flow of 1 Lt/min. each HP to be dissipated .

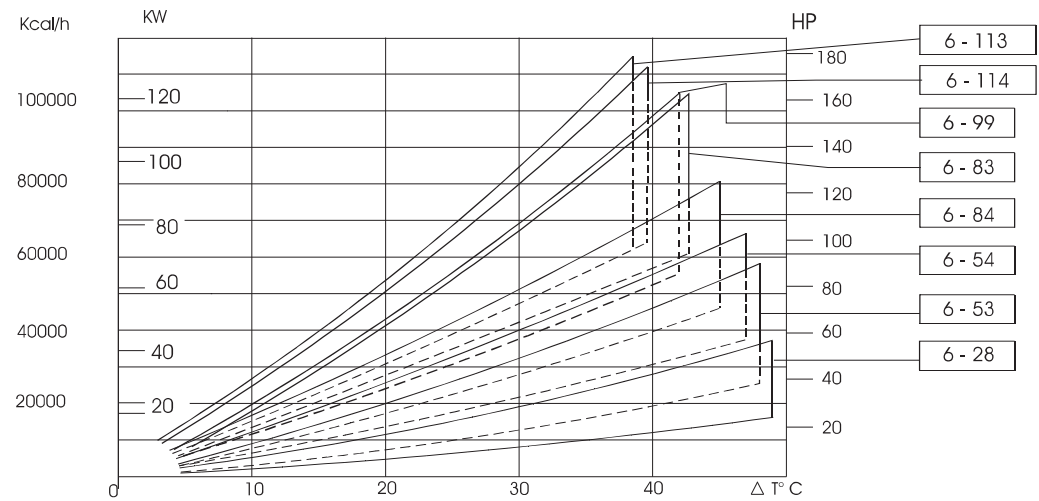


DIAGRAM “ B “ Water circuit cooler 4 ways

The dissipation, expressed in HP and indicated in schedule, takes place when:

Oil inlet reaches a temperature of 55°C and a viscosity of 30 cSt.

Water cooling of 20°C with a flow of 2 Lt/min. each HP to be dissipated .

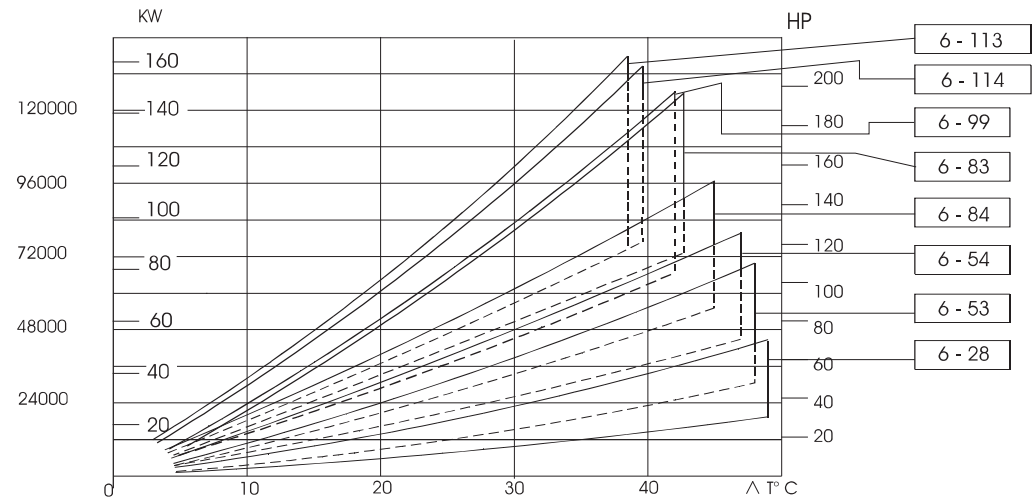
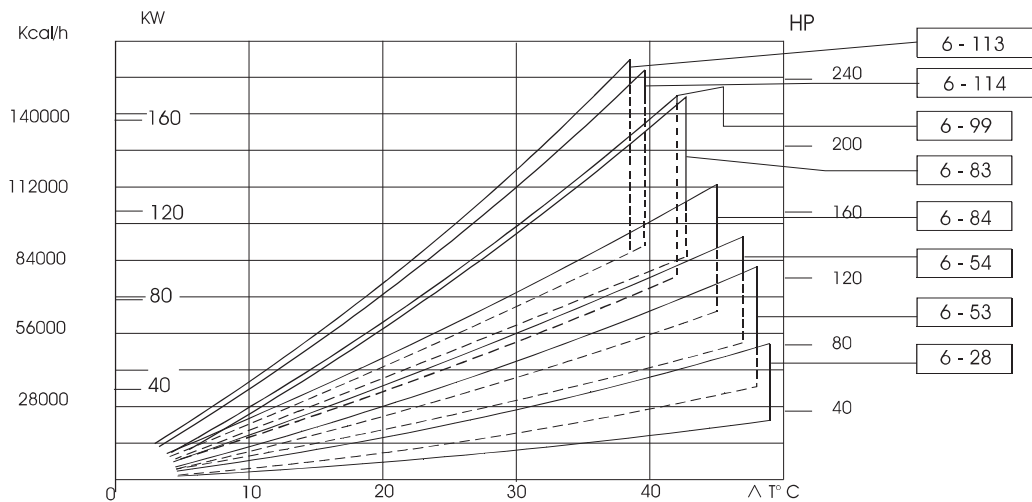


DIAGRAM “ C “ Water circuit cooler 4 ways

The dissipation, expressed in HP and indicated in schedule, takes place when:

Oil inlet reaches a temperature of 55°C and a viscosity of 30 cSt.

Water cooling of 20°C with a flow of 3 Lt/min. each HP to be dissipated .



CORRECTION FACTOR TEMP °C with oil at 55° C

Water temp	20° C	25° C	30° C	35° C
Correction factor	1	0,88	0,75	0,65