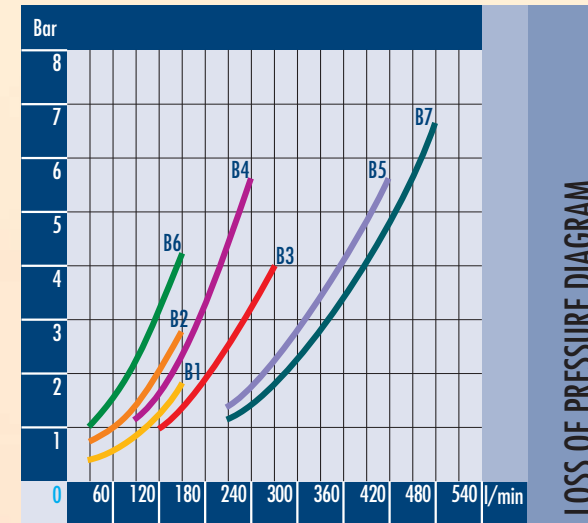
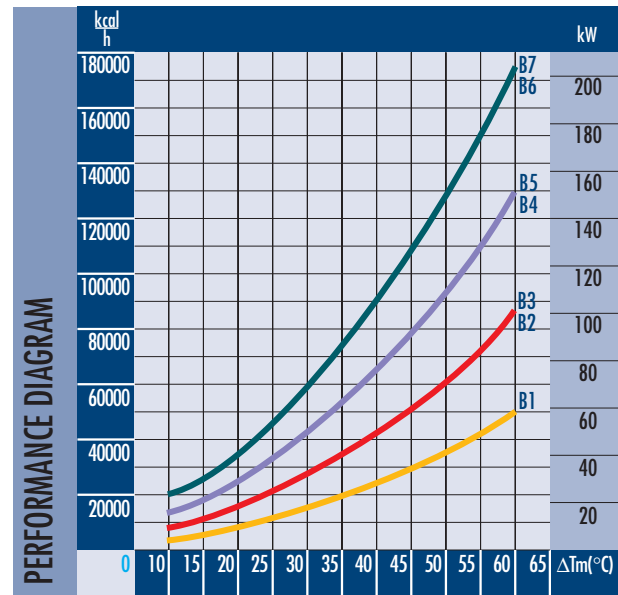


inspectable  
water side

# MS 134 B marine use



This version is recommended for a use with sea water. These exchangers are built with the following materials:

- Tube bundle: Coppernickel 90/10
- Tube plates: brass
- Shell: steel
- Heads: bronze

As sea water is full of impurities, this series of exchangers can be checked from the water side; after the disassembly of the two heads it is possible to check inside the tubes and to clean them.

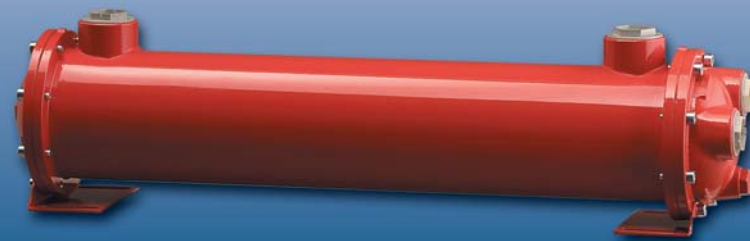
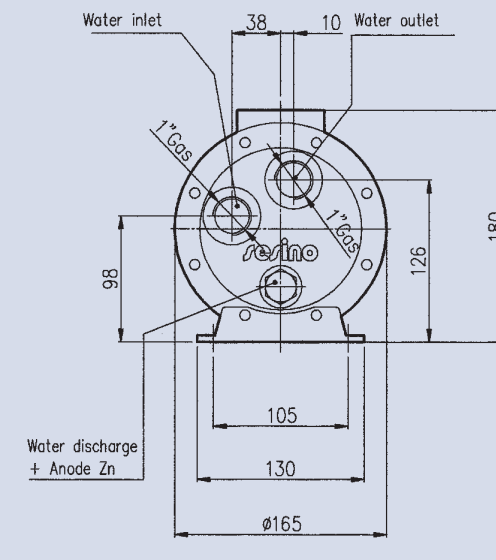
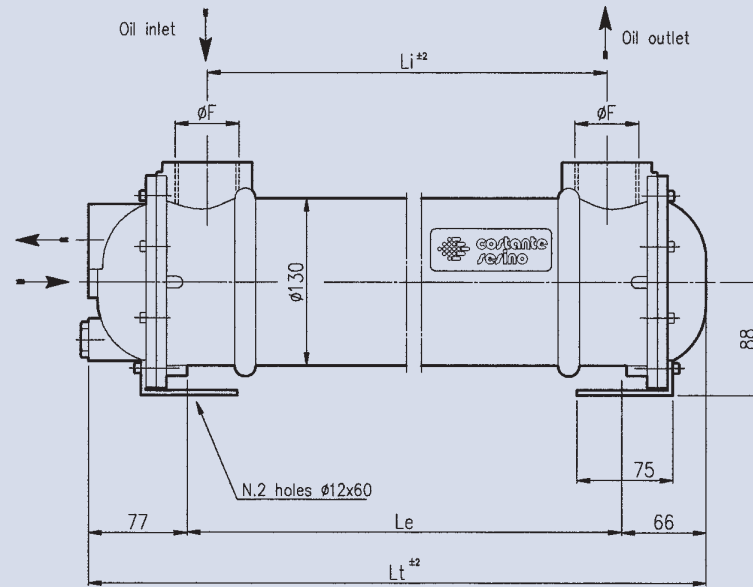
To avoid any form of corrosion, it is necessary that the cooling water rate be between the following values:

MS 84/2 30-80 l/min      MS 134 35-100 l/min

If such values do not provide a good thermic yield, please consult our Technical Department. The exchangers with tube nest can be used with other fluids where compatibility with copper and its alloys, is necessary. For every application, with the exception of oil cooling, it is recommended to consult our Technical Department.

cSt	22	30	46	68	100	150	220
f	0,4	0,6	1	1,5	2,3	3,3	4,6

### CORRECTION FACTOR



Type	Oil flow l/min	kW dissipated with oil = 50°C, 46 cSt, H2O= 15°C	Weight kg	Dimensions			
				$\phi$ F	L	Le Lt	
MS 134 B1	30 - 100	19 - 23	16,4	1" 1/2 gas	285	246 - 344	440
MS 134 B2	40 - 130	33 - 37	22,6	1" 1/2 gas	535	496 - 594	690
MS 134 B3	120 - 250	33 - 37	23,0	2" gas	520	496 - 594	590
MS 134 B4	80 - 250	48 - 56	30,7	1" 1/2 gas	845	806 - 904	1.000
MS 134 B5	200 - 400	48 - 56	30,9	2" gas	830	806 - 904	1.000
MS 134 B6	30 - 120	70 - 75	40,0	1" 1/2 gas	1.145	1.106 - 1.204	1.300
MS 134 B7	200 - 500	70 - 75	39,5	2" gas	1.130	1.106 - 1.204	1.300

TABLE