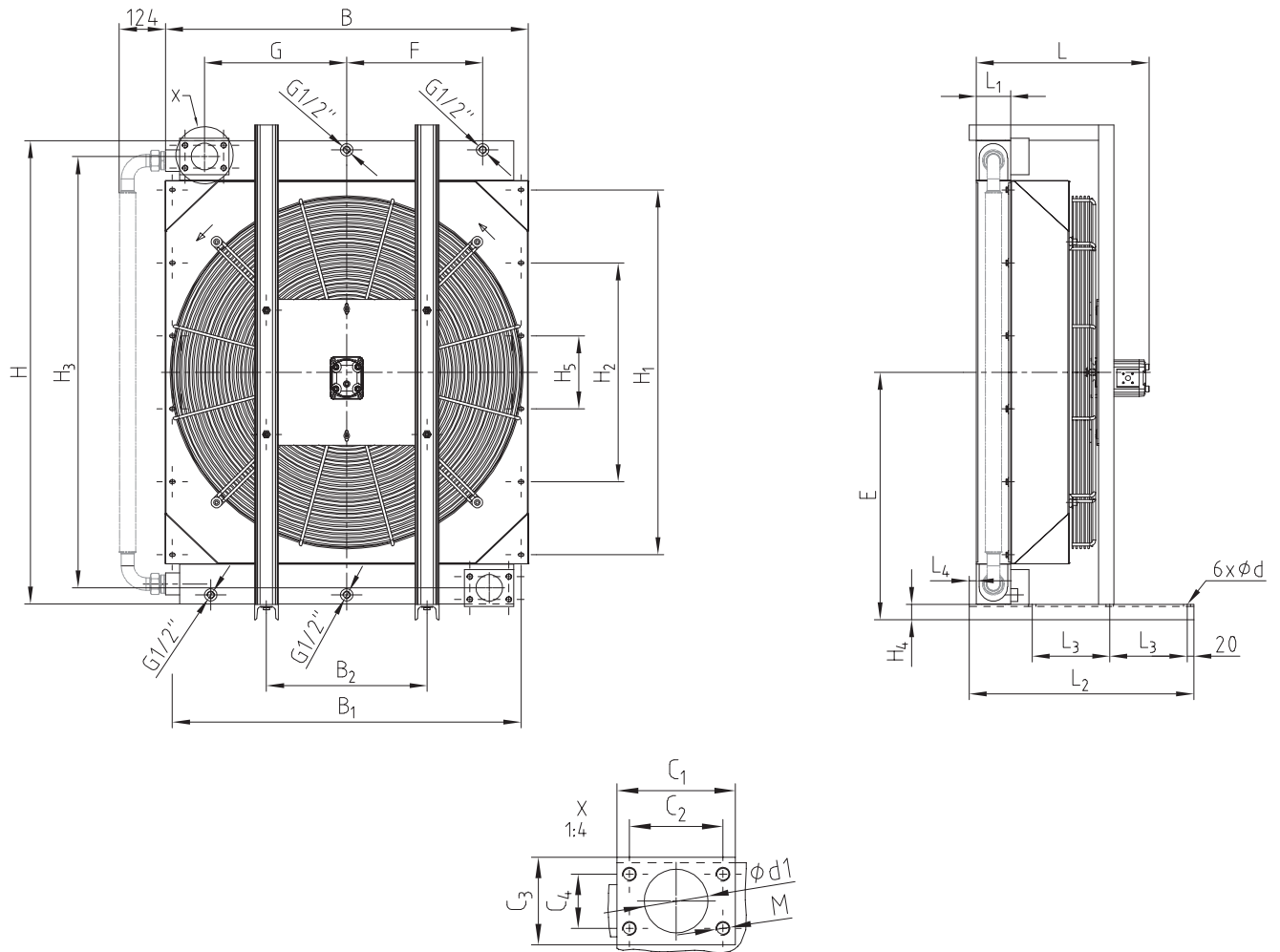


Oil/air cooler type OAC

Cooling systems

Dimensions of OAC850 - 2000 (hydraulic)



OAC850 - OAC2000

Oil/air cooler type OAC hydraulic																										
Type of cooler	Dimensions [mm]																									
	L	L ₁	L ₂	L ₃	L ₄	B	B ₁	B ₂	H	H ₁	H ₂	H ₃	H ₄	H ₅	d	d ₁	C ₁	C ₂	C ₃	C ₄	SAE flange	M	F	G	E	
OAC850-04	475	94	590	210	-	870	835	350	960	690	230	910	42	-	14	51	105	77.8	90	42.9	2"	M12	350	340	523	
OAC900-04	475	95	615	210	19.5	995	955	440	1270	1000	600	1182	42	200	14	73	135	106.5	100	62		M16	372.5	390	678	
OAC1000-04	505	113	615	210	-	995	955	440	1270	1000	600	1182	42	200	14	73	135	106.5	100	62	3"	M16	372.5	390	678	
OAC2000-04	620	140	750	210	-	1286	1246	525	1420	1000	600	1332	45	200	14	73	135	106.5	100	62		M16	532	532	756	

Oil/air cooler / cooling-pumping unit type OPC

Cooling systems

Bypass flow cooling with integrated pump



The OPC oil cooler unit is a system specifically developed for cooling in the bypass flow as an independent unit. The unit consists of a cooler, fan, electric motor, pump and may be supplemented by a filter on request of the customer.

Applications:

- Machine tools
- Elevators
- Test benches
- Add-on coolers
- Bypass flow cooling

Applicable for cooling of:

- Hydraulic oil
- Gear oil
- Lubricating oil
- Water glycol (min. 50 % glycol)

Structure:

- Cooler core (plate and bar) made of aluminium with industrial laminae in black (RAL 9005)
- Fan cover made of steel in black (RAL 9005)
- Fan made of nylon PAG
- Protective grid made of steel in black (RAL 9005)
- Electric motor 230/400V, IP55
- Bellhousing and coupling
- Gear feed pump with pressure relief valve 0 - 15 bars, recommended setting 5 bars,
 - max. medium temperature 90 °C (higher temperature on request),
 - low-noise pump, also for high viscosities
- Filter with visual maintenance display, as an option

Marine design:

- Cooler core, frame, fan cover with double-component paint
- Electric motor with special paint and protection class IP56

ATEX design:

- Gas sector: Ex II 2G Ex h IIC T6...T3 Gb X
- Dust sector: Ex II 3D Ex h IIIIC T68 °C...110 °C Gb X
- Ambient temperature -40 °C < Ta < +55 °C
- Motor and fan as an adequate ATEX design

Accessories (see page 51 et seq.):

- Thermal bypass valves
- Oil thermostat valve (OTV)
- Protective grid
- Temperature switch (TSC)

The OPC coolers have to be protected from direct solar radiation.