

Made for Motion



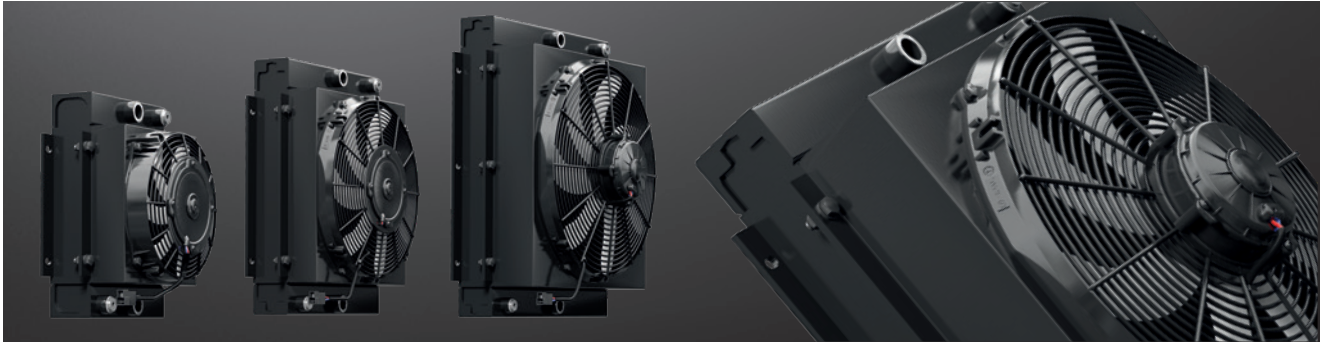
OAC LightVersion

Oil-air cooler: Lightweight design – full performance

ktr.com

OIL-AIR COOLER TYPE OAC LIGHTVERSION 101/201/301 COOLING SYSTEMS

High-performance cooling of hydraulic and lubricating oils



OAC LightVersion is the more cost-effective model in the OAC series. This version has fewer oil connections, is designed without feet, and is secured using the side guides. For technical design purposes, please use our online tool, which includes the performance curves for the OAC100, OAC200, and OAC300 in 12 V and 24 V.



Assembly instructions



Selection via online tools

Technical data of cooling elements

Type of cooler	Max. volume flow [l/min]	Volume of cooling element	Perm. pressure [bar]	
			Static	Dynamic
OAC101	50	0.9	26	14
OAC201	100	1.9		
OAC301	120	3.0		

Bigger volume flows on request

12V and 24V fan drive

Type of cooler	Voltage [V]	Drive [kW]	Speed [rpm]	Amperage [A]		Protection class	Fan Ø [mm]	Weight [kg]	Noise [dbA]
				Start-up	Standard				
OAC101-01	12	0.09	3950	13.8	5.7	IP68	190	5	55
OAC101-02	24	0.06	3625	5.9	2.4	IP68	190	5	54
OAC201-01	12	0.10	2838	16.7	6.4	IP68	280	10	62
OAC201-02	24	0.11	2925	14.1	3.9	IP68	280	10	63
OAC301-01	12	0.22	3080	23.9	13.7	IP68	350	16	65
OAC301-02	24	0.23	2730	23.3	7.0	IP68	350	16	63

Type code

OAC - 101 - 01 - LV - 0

Size of cooler	Motor	Effective direction	Type	Protective grid against stones
101	01 = Direct current 12V	Standard = Sucking (no specification required)	LV = LightVersion	0 = No
201				1 = Yes
301	02 = Direct current 24V	B = Pressing		2 = Protective grid against stones incl. air filter

Performance diagramme of LightVersion

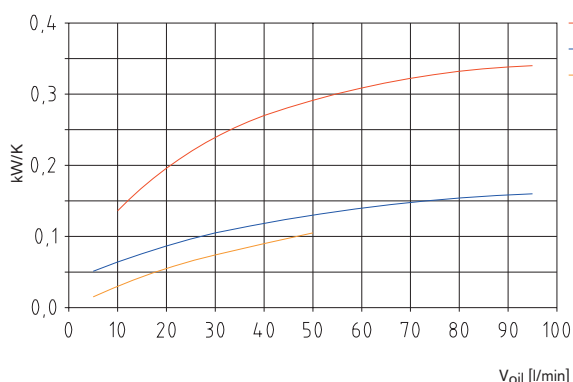
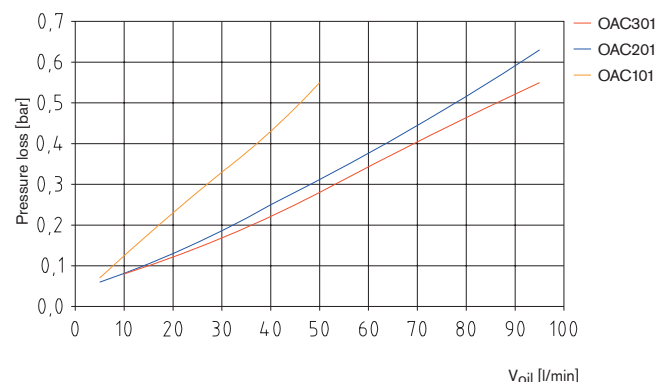
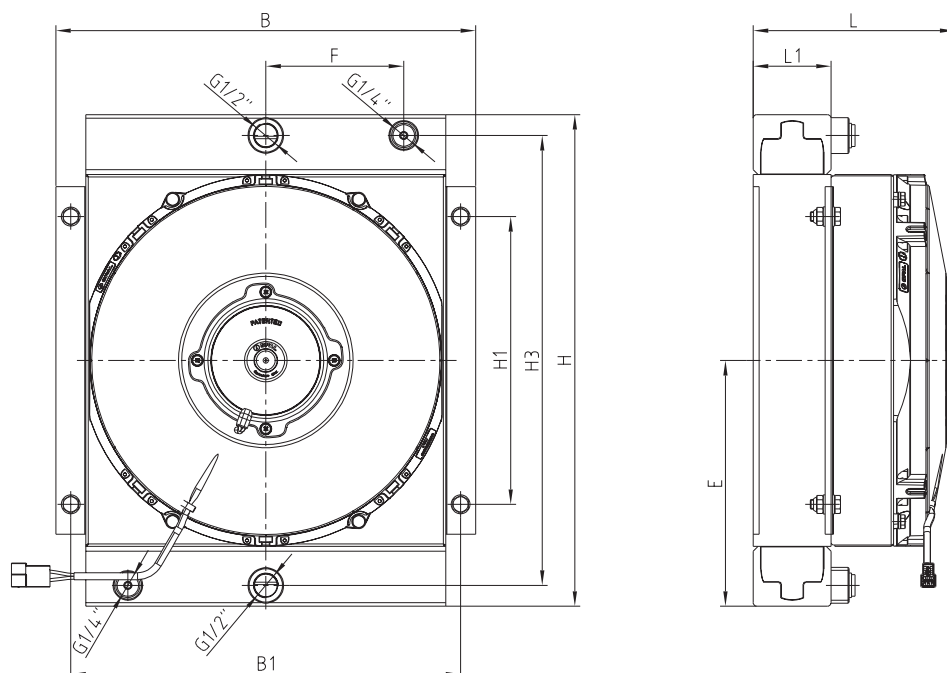


Diagramme of pressure loss

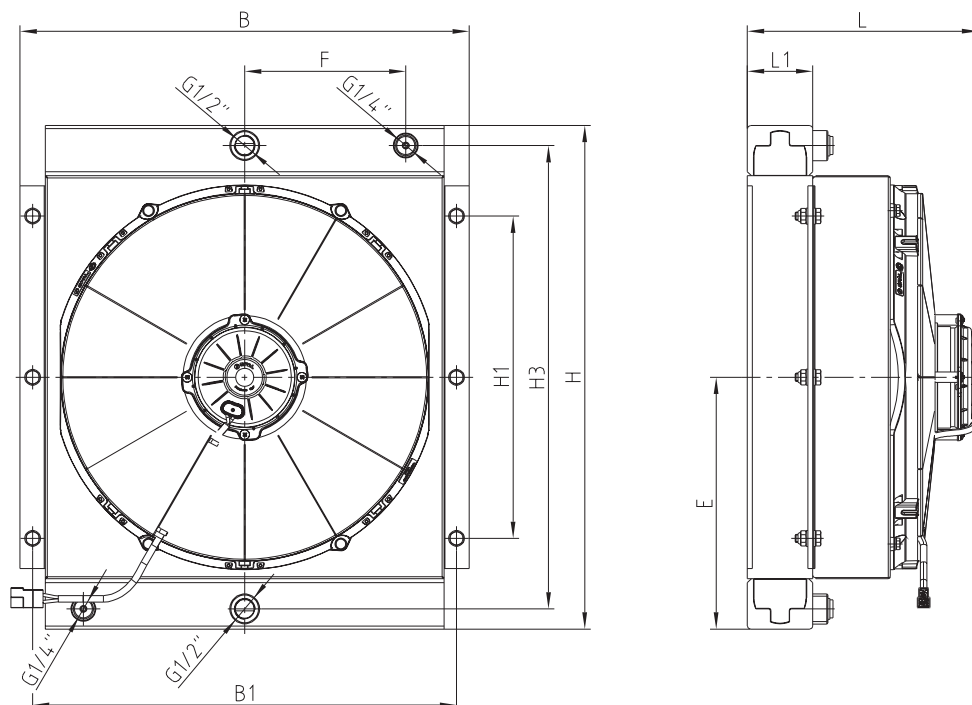


Dimensions OAC101 - 301 12/24V

OAC101-201



OAC301



Dimensions									
Type of cooler	[mm]								
	L	L ₁	B	B ₁	H	H ₁	H ₃	F	E
OAC101-01	167	63	250	225	300	150	265	75	150
OAC101-02	167	65	350	325	410	240	375	115	205
OAC201-01	167	65	350	325	410	240	375	115	205
OAC201-02	167	65	350	325	410	240	375	115	205
OAC301-01	230	65	446	421	500	320	460	160	250
OAC301-02	230	65	446	421	500	320	460	160	250

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