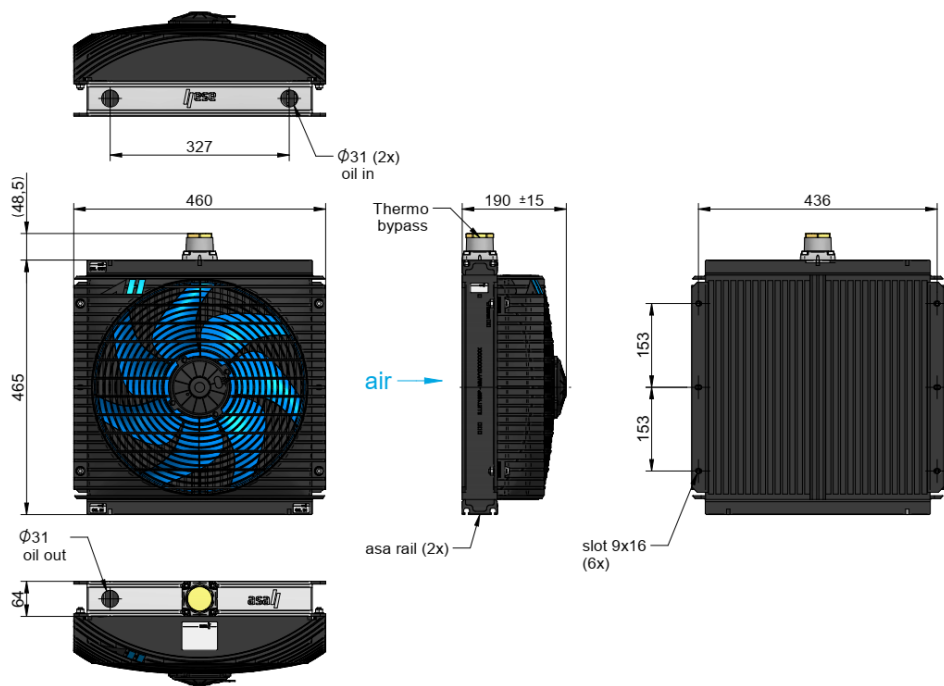


Oil/Air Cooler TT 16 Series

12V / 24V DC incl. Thermal bypass

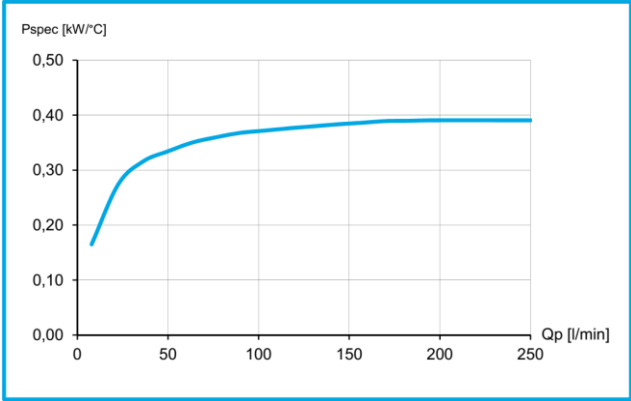


Technical Data

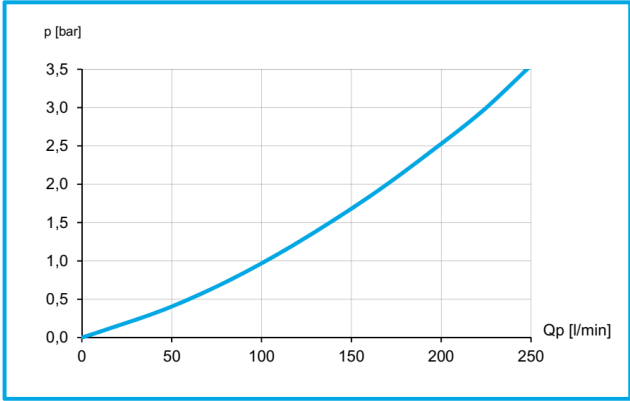
order number	description	current	motor power	protection	air flow	noise level	weight
		[A]	[kW]		[kg/s]	[dB(A)]	[kg]
ASATT16RD01BT	TT 16 rail 12V DC thermo-bypass 50°C	21,2	0,28	IP68	0,75	79	15,2
ASATT16RD02BT	TT 16 rail 24V DC thermo-bypass 50°C	11,4	0,30	IP68	0,75	79	15,2

Performance

Specific Cooling Performance



Pressure Drop at 30cSt



Oil/Air Cooler TT 16 Series

12V / 24V DC incl. Thermal bypass



Radiator

material:	aluminium
working temperature range:	-20°C to +80°C (oil temperature)*
air fin shape:	wavy
working pressure:	26 bar (static)

Thermal Bypass

rail connector material	aluminium
bypass valve	brass
sealings	NBR
closing temperature	43°C to 54°C
relief pressure	5 bar if temperature bypass is closed (=>54°C)

Compatibility

minimum fluid cleanness	Class 20/18/15 acc. ISO 4406:1999
viscosity range	10...650mm ^{2/s} (cSt) recommended 15...250mm ^{2/s} (cSt)

Options

temperature control	ILLZTC12-2K or 24-2K + ILLZTT5069K
temperature switches	ILLZTH5069K, ILLZTH4765K, ILLZTH6065K
protection housings	ILLEGAKTT16K
foot mounting	ILLEFUSSTTK

Installation System (1 set per cooler required)

connection BSP 1"	ILLZSET5G25
connection BSP 1 ¼"	ILLZSET5G32
connection BSP 1" straight	ILLZSET5G25A
connection BSP 1" straight + std.	ILLZSET5G25B
connection BSP 1 ¼" straight	ILLZSET5G32A
connection BSP 1 ¼" straight + std	ILLZSET5G32B

*...the indicated temperature is the maximum inlet temperature for the cooler radiator.
Depending on the sealings in use, the application needs appropriate checking.