

DATA SHEET

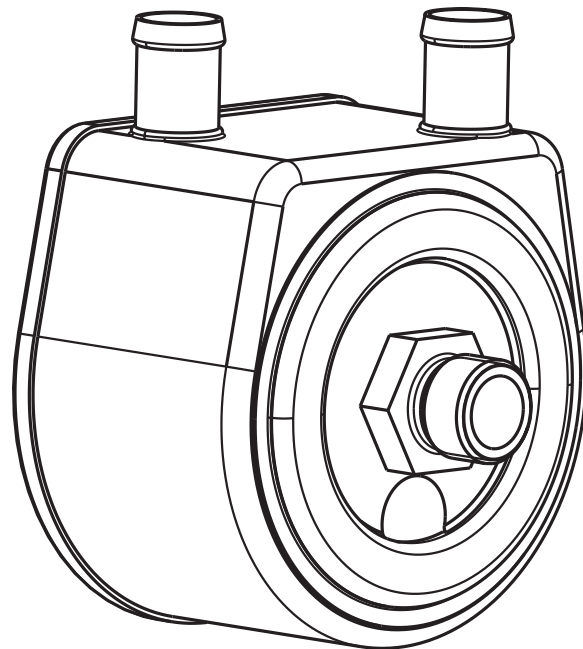
U 5.X00-0-114.2

OIL WATER COOLER

for oil-lubricated rotary vane vacuum pumps

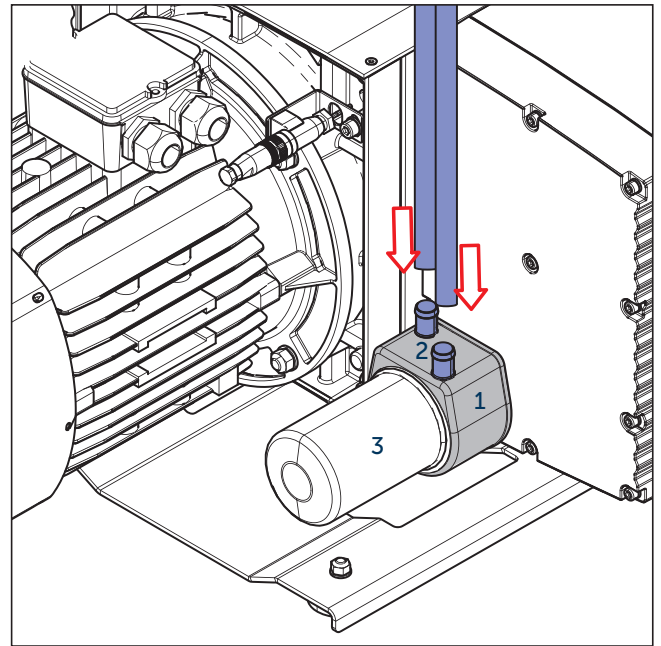
U 5.71, U 5.101, U 5.166, U 5.201 and U 5.301

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Oil water cooler	Order no.	for
U 5.100-0-114.2	56020254200	U 5.71 + U 5.101
U 5.200-0-114.2	56020254400	U 5.166, U 5.201 + U 5.301

- 1 The oil water cooler is installed between the oil tank cap and the oil filter.
- 2 Connections for hoses with an inner diameter of 16 mm. (3/8" hose, fixing with hose clamp)
The water connection can be freely selected for intake or return flow.
- 3 Oil filter



With regards to the cooling water, the following requirements must be met		Note
Intake capacity	1 ... 5 l/min	On the one hand, these parameters are interdependent. On the other hand, the ambient conditions, the pump used, the set vacuum operating point and the operating mode all have an influence on these parameters.
Water pressure	2 ... 6 bar	
Intake temperature	+5 ... +30 °C	
Return temperature	≤60 °C	
Required pressure difference between intake and return	≥1 bar	

Water quality requirements		Note
Water hardness	5 ... 15 °dH	We recommend checking or cleaning the oil water cooling system every 6 months. In order to keep this maintenance effort within the limits shown and to increase the service life of the product, the requirements regarding water quality are specified.
Properties	clean and clear ¹⁾	
pH value	6.5 ... 8.5	
Chloride	<50 mg/l	
Sulfate	<50 mg/l	
Materials in contact with cooling water	stainless steel and copper	

¹⁾ seawater, brackish water and/or industrial waste water is not suitable; floating particles are to be avoided; ensure frost-free operation



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