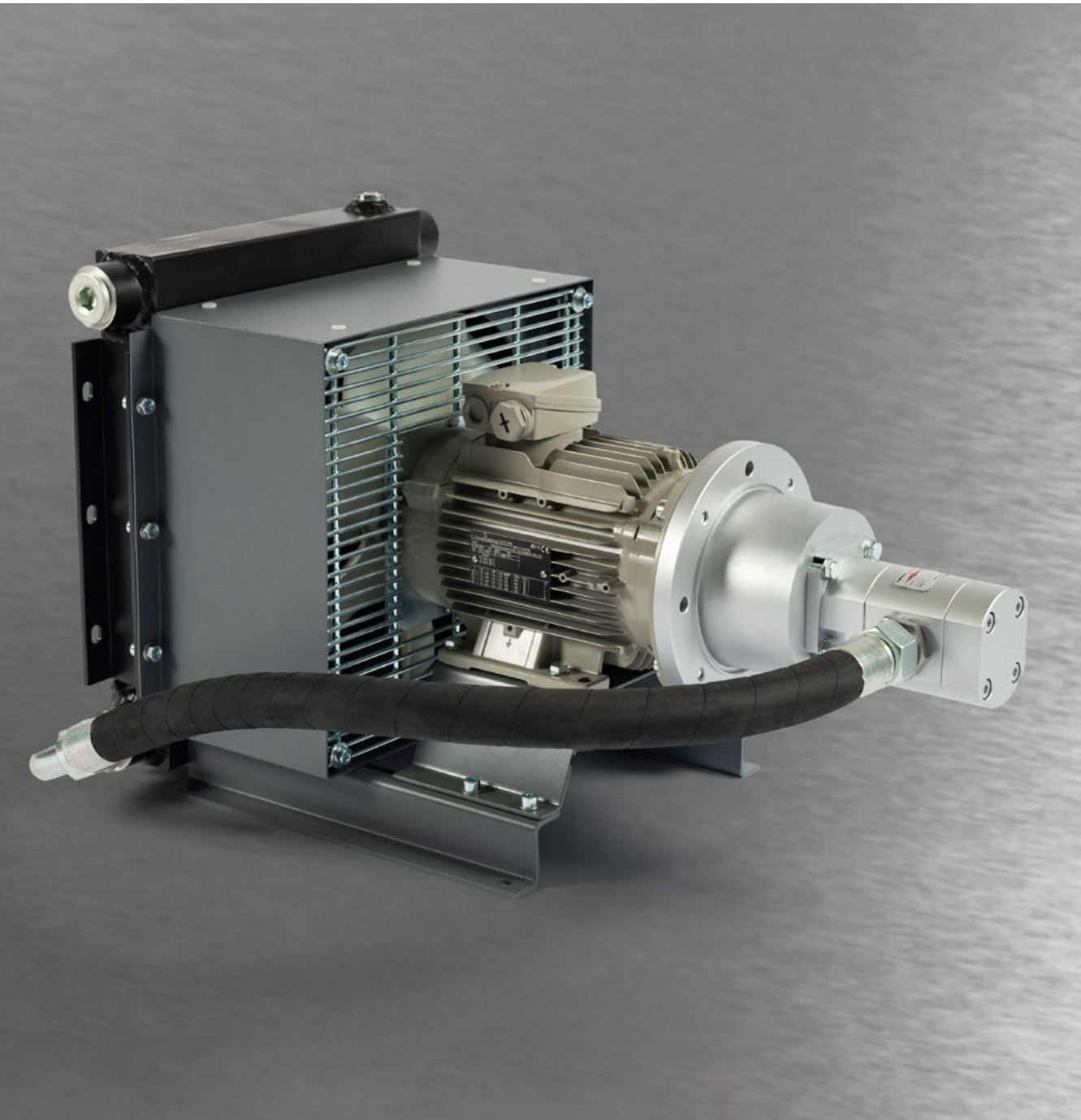


# Partial flow cooler ACIP



## Partial flow cooler unit for industrial use



## SERIES ACIP

The new cooler system ACIP is optimised for a wide range of hydraulic applications. An integrated motor pump unit makes it possible to cool the oil efficiently and continuously in a separate circuit. The cooling process is working independently from the operation condition of the main hydraulic power unit.

### Product features

- Oil-air cooler ACI with motor & pump in one unit
  - Drive motor 230/400 V, 50 Hz, 1450 min<sup>-1</sup>
  - Gear pump, operating pressure: 4 bar
  - Bellhousing and coupling
- Continuous cooling process
- Permissible viscosity range: 10 - 300 mm<sup>2</sup>/s
- Max. operating temperature 90°C
- Max. suction height 1 m

### Benefits

- Easy to retrofit in existing systems
- Extension of oil life due to permanent cooling
- Extended service life of seals and hydraulic components
- High flexibility in the choice of the pump
- Short delivery times by intelligent warehousing

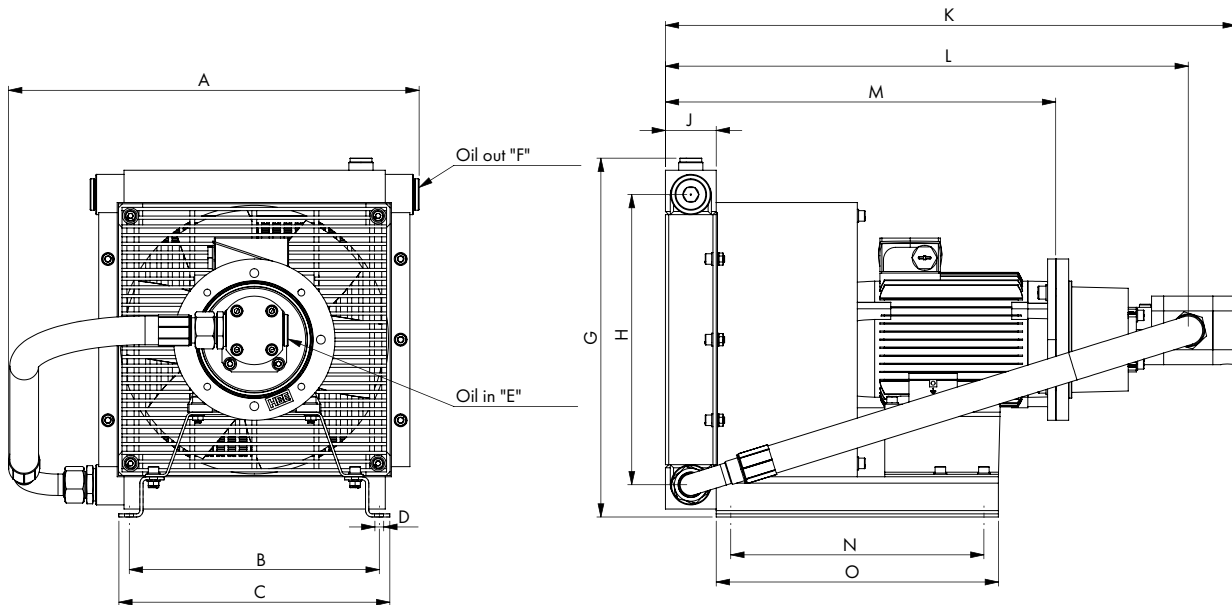
## Ordering code

ACIP - 11 - 19 - 1,1 - 4 - 01	
<b>Cooler series</b> ACIP = Partial flow cooler	<b>Series</b> 00 = Without pump / without hose** 01 = External gear
<b>Cooler size</b> 11 21 31 41 51 61	<b>Fan speed</b> 4 = 4 pole / 1500 min <sup>-1</sup> 6 = 6 pole / 1000 min <sup>-1</sup>
<b>Displacement*</b> 19 = 19 cm <sup>3</sup> 32 = 32 cm <sup>3</sup> 50 = 50 cm <sup>3</sup>	<b>Power</b> 1,1 = 1.1 kW 1,5 = 1.5 kW 2,2 = 2.2 kW

\* additional on request \*\* Option for customer to install a compatible own pump, attention: new selection of bellhousing and coupling required

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Last revised: 08/2023

## Dimensions



Cooler size	A	B	C	D	E	F	G	H	J	K	L	M	N	O		
ACIP-11-19-1,1-4	510	310	336	Ø 11	G1"	G1"	445	360	63	711	652	487	314	350		
ACIP-11-32-1,5-4									735	647	507					
ACIP-21-19-1,1-4									94	742	683	518				
ACIP-21-32-1,5-4									94	766	678	538				
ACIP-31-19-1,1-4	590	450	476				G1"	G1 1/2"	565	460	63	741			682	517
ACIP-31-32-1,5-4											63	765			677	537
ACIP-41-19-1,1-4											94	772			713	548
ACIP-41-32-1,5-4											94	796			708	568
ACIP-51-32-2,2-4	675	620	646		G1"	G1 1/2"	726	610	63	859	810	621				
ACIP-51-50-2,2-4					63				883	822	621					
ACIP-61-32-2,2-4					94				890	841	652					
ACIP-61-50-2,2-4					94				914	853	652					

## Technical data

Cooler size	Oil flow		Cooling capacity		Power	Electricity	Weight
	[cc/rev]	[l/min]	[kW/K]	[kW (ΔT = 40K)]	[kW]	[A]	[kg]
ACIP-11-19-1,1-4	19	27	0.16	6	1.1	2.5	37
ACIP-11-32-1,5-4	32	45	0.17	7	1.5	3.3	42
ACIP-21-19-1,1-4	19	27	0.20	8	1.1	2.5	40
ACIP-21-32-1,5-4	32	45	0.22	9	1.5	3.3	45
ACIP-31-19-1,1-4	19	27	0.37	15	1.1	2.5	46
ACIP-31-32-1,5-4	32	45	0.40	16	1.5	3.3	51
ACIP-41-19-1,1-4	19	27	0.42	17	1.1	2.5	52
ACIP-41-32-1,5-4	32	45	0.46	18	1.5	3.3	57
ACIP-51-32-2,2-4	32	45	0.69	28	2.2	4.5	89
ACIP-51-50-2,2-4	50	70	0.77	31	2.2	4.5	90
ACIP-61-32-2,2-4	32	45	0.80	32	2.2	4.5	98
ACIP-61-50-2,2-4	50	70	0.90	36	2.2	4.5	99

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