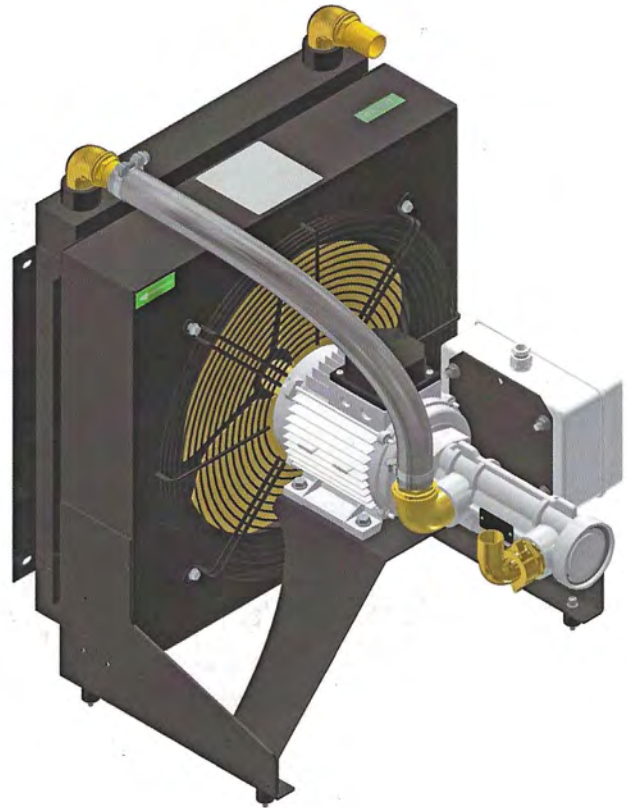




■ **NEG**
AIR OIL COOLER



ELEVATOR DIVISION

HOW IT WORKS

The Oil Cooler can be mounted directly to the power unit or located in a remote location. When the oil temperature in the reservoir reaches the pre-set limit, the pump start to reticulate the oil through the radiator.

This process reduces the oil temperature depending on site conditions.

General features

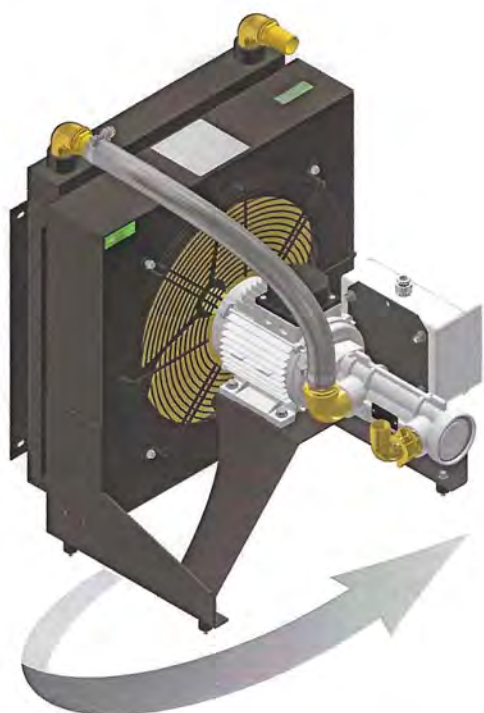
SEIM air-oil heat exchanger units are extremely efficient in carrying out their intended task of cooling the oil in the oleodynamic circuits in which they are installed.

The heart of the unit consists of a SEIM triple screw pump, highly reliable and silent.

The oil is cooled using air produced by a helical fan mounted coaxially with the screw pump.

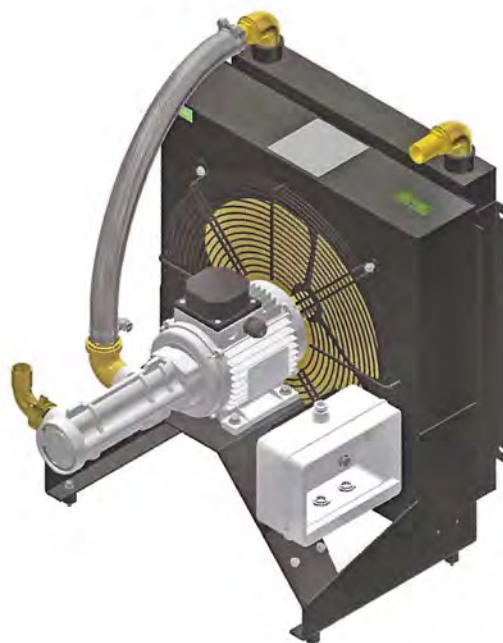
Main technical characteristics

- high suction capability because of the screw pump
- low noise because of a special fan designed for 50 and 60Hz speeds and the use of a screw pump
- OPTION: safety relief valve of the pump (standard valve setting = 6 bar)

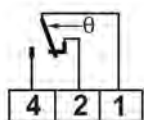


SIZES NEG

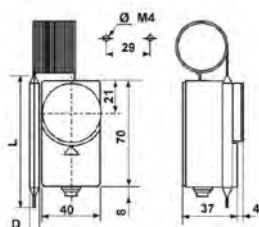
03 | 04 | 06 | 10 | 14 | 20



Thermostat



Tipo	L	D
C04A2	105	6

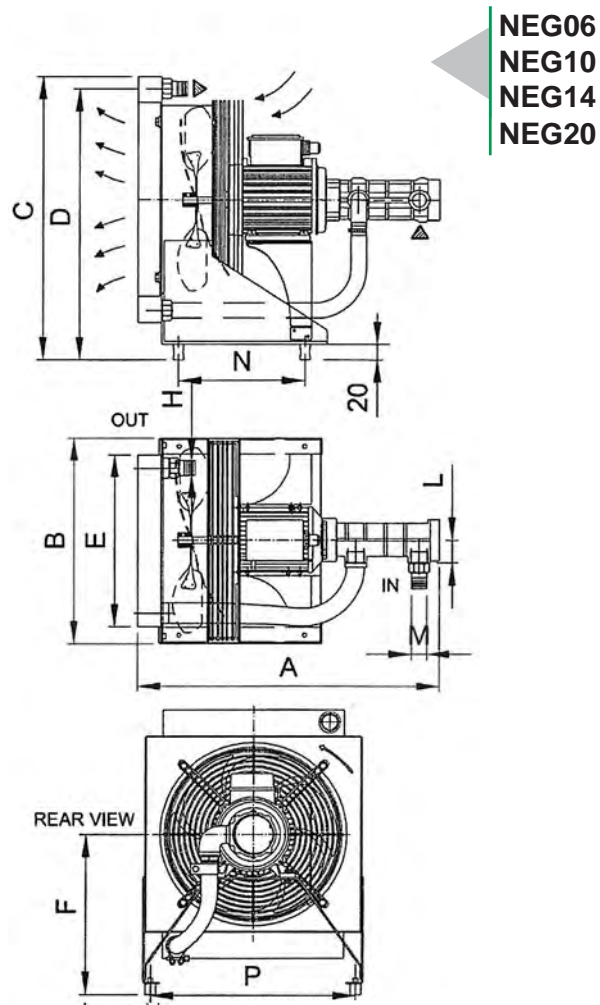
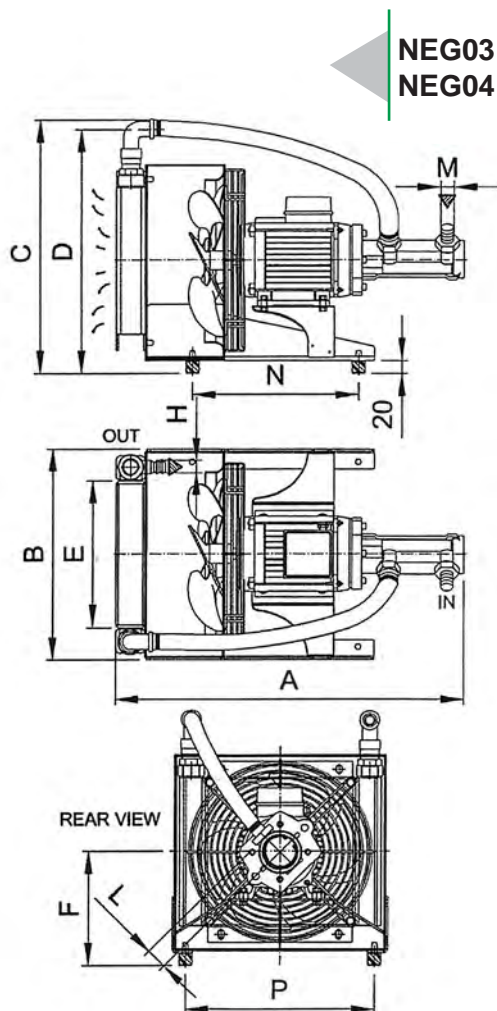


Thermostat with probe
380V - 15 A - IP40
capillary length 1 m
contact NO (and NC)

ACCESSORIES ALSO AVAILABLE

- Electrical panel
- Flexible hoses
- Nipples to connect the hoses to the hydraulic power pack
- Shock absorbers
- Motor protection
- Adjustable thermostat

Dimensions



DIMENSIONAL CHART (mm)

MODEL SIZE	Kcal/h at 20°C	T 35°C ambient	A	B	C	D	E	F	H	L	M	N	P
NEG#03	3000		500	317	360	342	184	170	3/4"	33	3/4"	200	240
NEG#04	3300		536	331	400	385	230	200	3/4"	33	3/4"	255	290
NEG#06	6000		578	410	536	513	335	303	1" GAS	44	1" GAS	240	380
NEG#10	9000		578	410	536	513	335	303	1" GAS	44	1" GAS	240	380
NEG#14	14000		637	536	695	675	475	340	1" GAS	44	1 1/4" GAS	273	479
NEG#20	16500		637	536	695	675	475	340	1" GAS	44	1 1/4" GAS	273	479

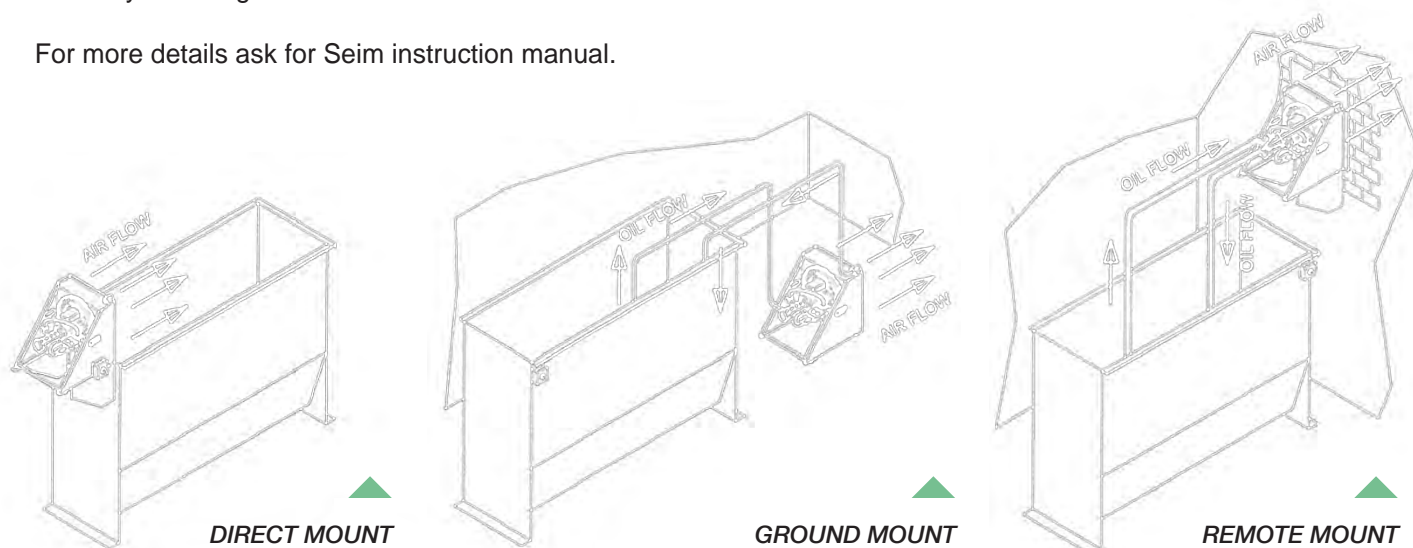
SEIM reserves the right to introduce dimensional changes or variation to the products of this technical data

Typical Installation



The heat exchanger can be installed in horizontally or vertically following the sketch shown here below.

For more details ask for Seim instruction manual.



Suction line development length:

Calculated for a typical viscosity of 75 cSt.

For every wide elbow take away 2 meters of pipe.

For every close elbow take away 3 meters of pipe.

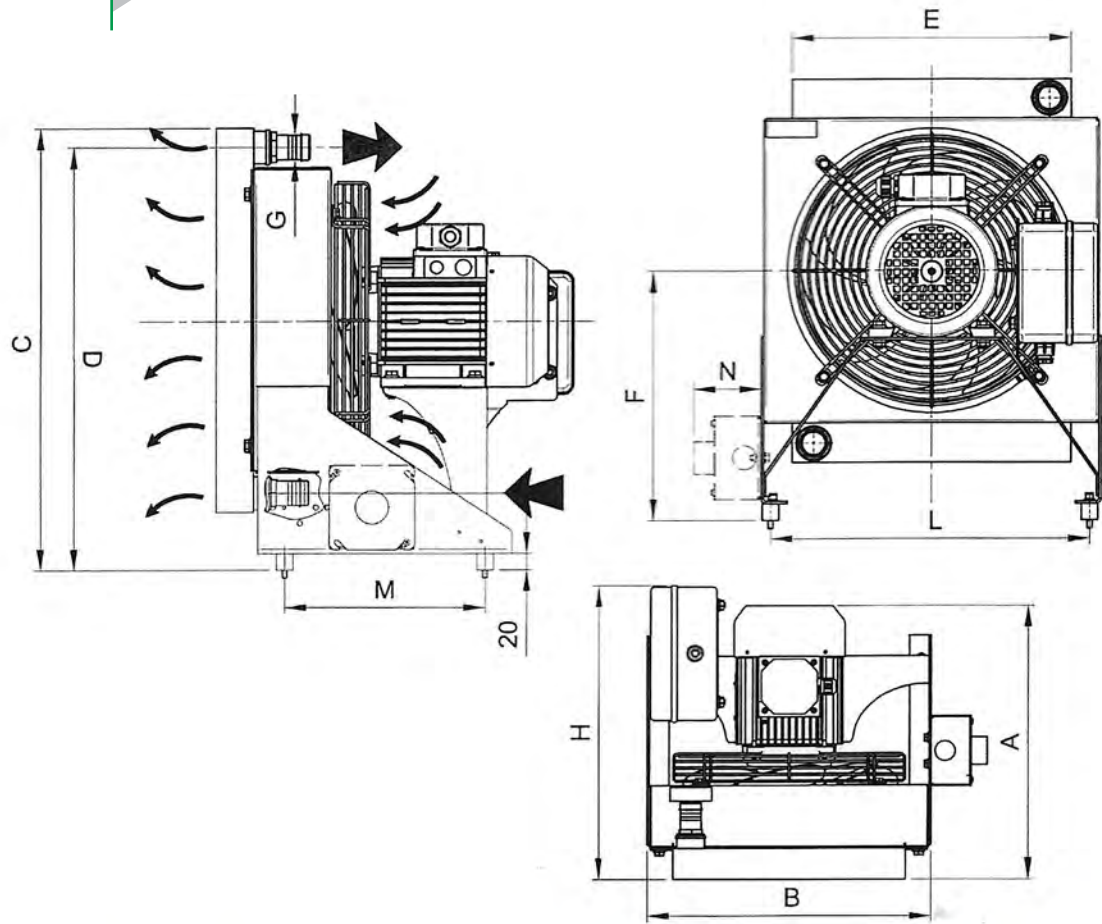
LENGTH (M) AND DIAMETER OF PIPES (INCHES)

		Ø Pipe					
		3/4"	1"	1 1/4"	1 1/2"	2"	
A	NEG#03 NEG#04	3	5	10	(*)	(*)	<i>Power pack and cooler almost at same level.</i>
	NEG#06 NEG#10	-					
	NEG#14	-	2.5	5	10	(*)	
	NEG#20	-	2.5	5	10	(*)	
B	NEG#03 NEG#04	7	9	13	(*)	(*)	<i>Power pack at 1 floor (4 meters approx) above the cooler.</i>
	NEG#06 NEG#10	-					
	NEG#14	-	6.5	9	(*)	(*)	
	NEG#20	-	6.5	9	(*)	(*)	
C	NEG#03 NEG#04	-	-	6	(*)	(*)	<i>Power pack at 1 floor (4 meters approx) below the cooler.</i>
	NEG#06 NEG#10	-					
	NEG#14	-	-	-	6	(*)	
	NEG#20	-	-	-	6	(*)	

(*) 10-50 m: contact SEIM

Length of the pipe depending on the heat exchanger's position and on the pipe diameter

SPLIT Oil Cooler

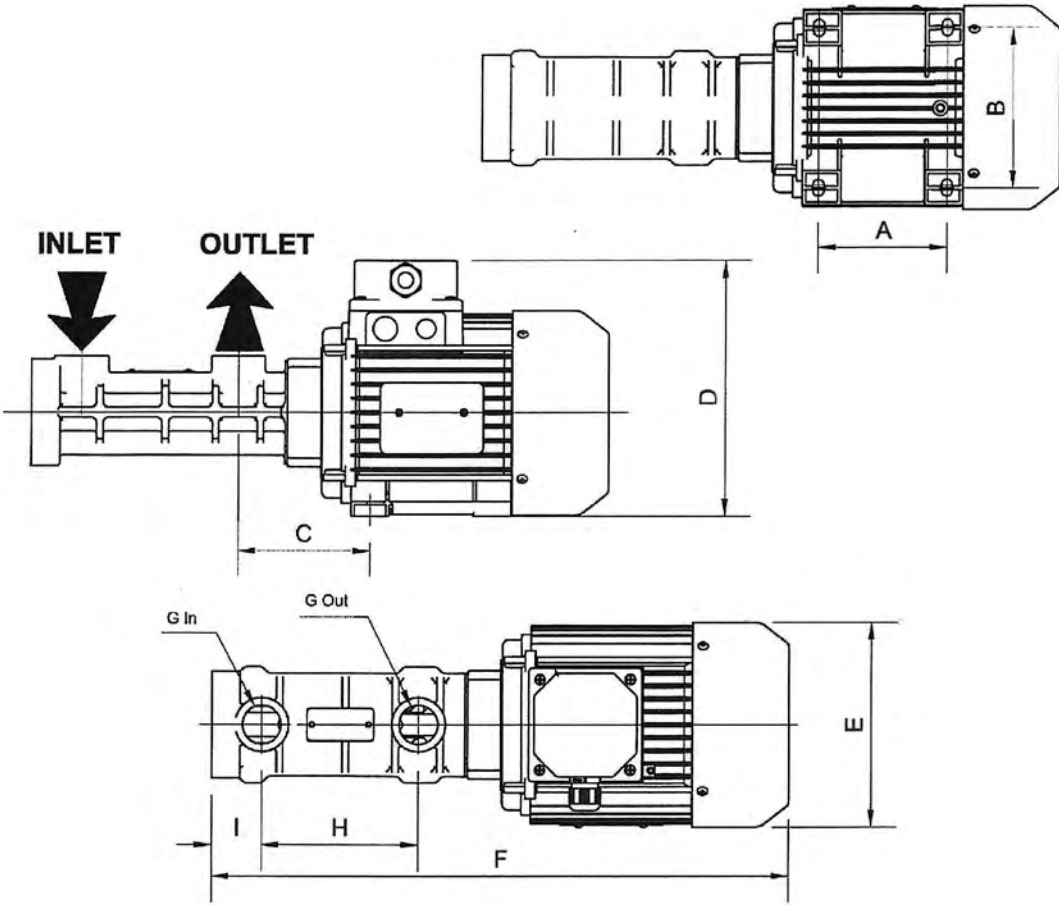


DIMENSIONAL CHART (mm)

MODEL SIZE	Kcal/h at 20°C	T 35°C ambient	A	B	C	D	E	F	G	H	L	M	N
SPLIT#06	6000		400	410	536	513	335	303	1" GAS	430	380	240	81
SPLIT#10	9000		400	410	536	513	335	303	1" GAS	430	380	240	81
SPLIT#14	14000		460	530	690	655	457	320	1" GAS	490	479	273	81

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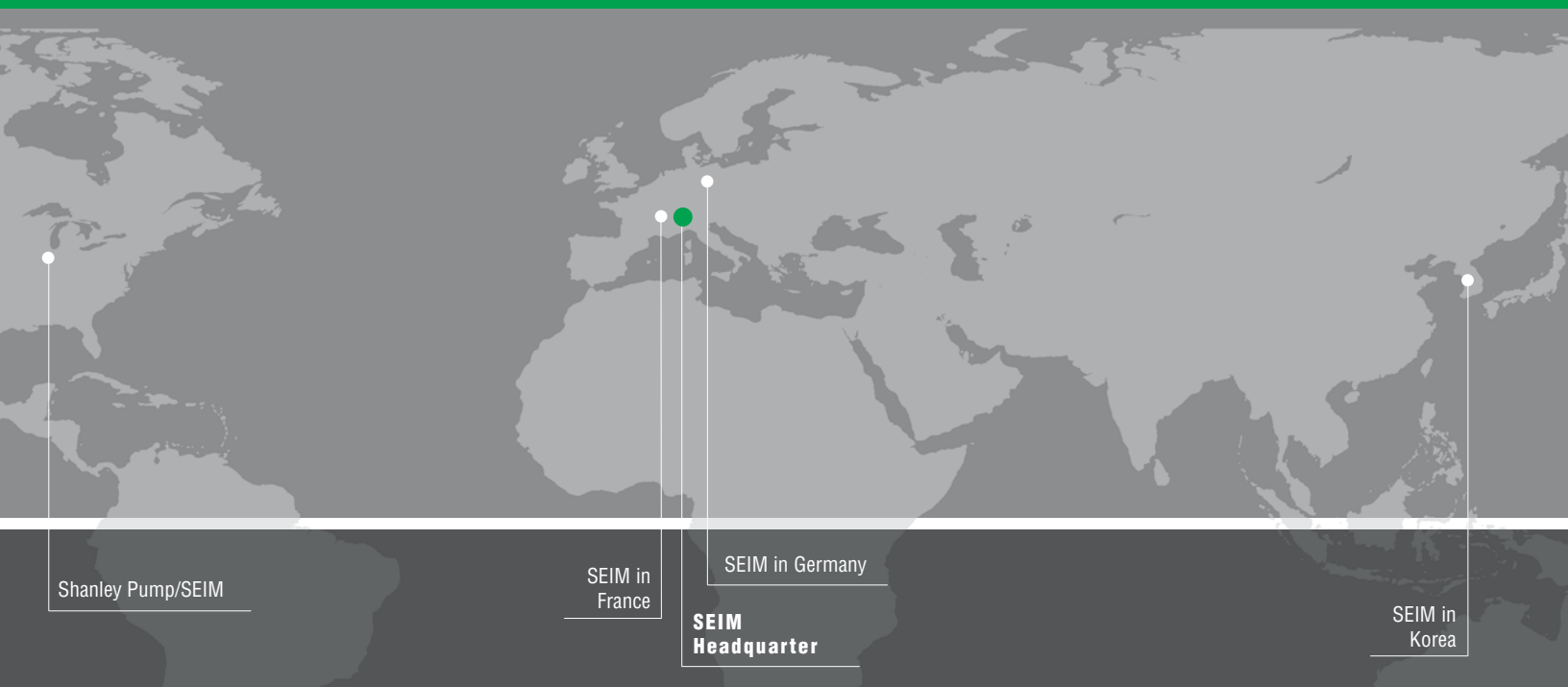
SPLIT Motorpump



MOTORPUMP SPLIT DIMENSIONAL CHART (mm)

REF. MOTORPUMP	A	B	C	D	E	F	G (in)	G (out)	H	I	REF. SPLIT OIL COOLER
MP 032#2A	100	125	102,6	198	159	449	1"	1"	122	39	SPLIT#06
MP 032#2B	100	125	102,6	198	159	449	1"	1"	122	39	SPLIT#10
MP 040#2A	100	125	107,6	198	159	476	1" 1/4	1" 1/4	140	43	SPLIT#14

SEIM reserves the right to introduce dimensional changes or variation to the products of this technical data



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