

# DATASHEET

## Magnetically coupled pump

Motor output  
3,0kW / 4,0kW



### RM-MF 4.5 Type 18/550

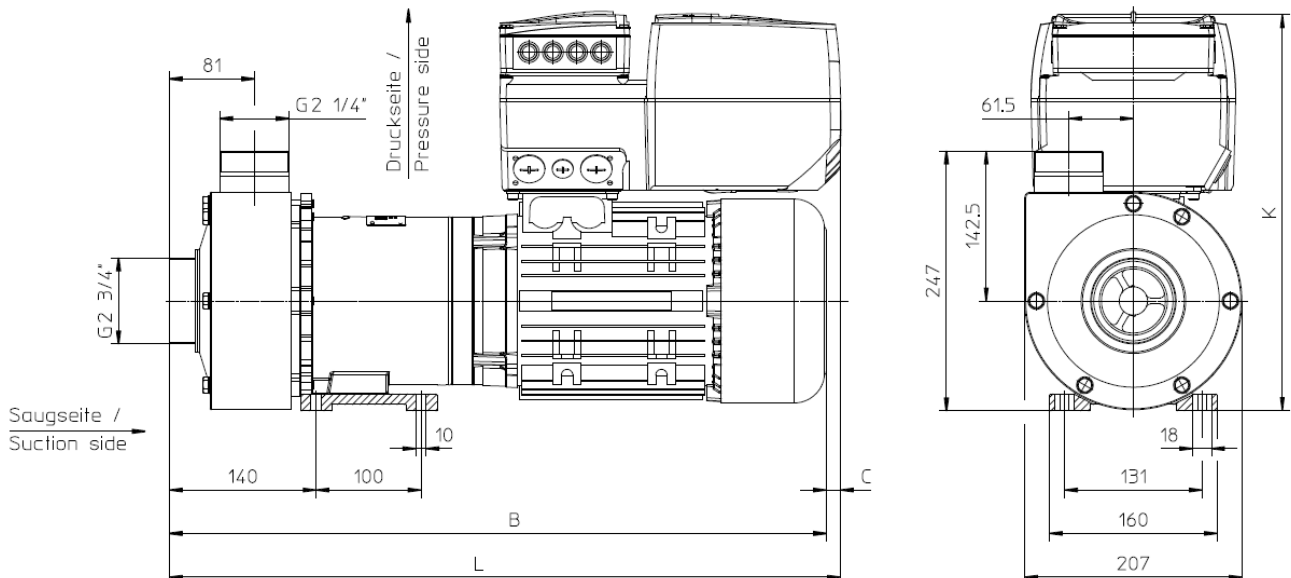
Variable speed (VFD incl.)

Magnetically coupled, centrifugal pumps with variable speed drive, single-stage, horizontal, non self-priming, made in monobloc design.

		RM-MF 4.5 Type 18/550	
Motor output	[kW]	3,0	4,0
Voltage range	[V]	3 / PE AC 320V ... 528V	
Frequency range	[Hz]	45 ... 65	
Communication module VFD		Standard I/O (optional also with different BUS – module)	
Head max.	[mWS]	22	22
Capacity max.	[l/min.]	750	750
Density max. @ Qmax **	[g/cm³]	1,0	1,3
Length „L“	[mm]	574	644
Height „K“	[mm]	305	368
Length „B“	[mm]	517	576
Length „C“	[mm]	57	68

\*\* For liquids with higher specific gravities all MF-pumps are available with more power !

### Dimensional drawings [mm]



Motor dimensions can be different ! ● Subject to technical alterations !

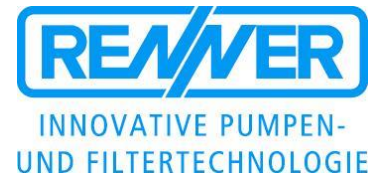
# DATASHEET

## Magnetically coupled pump

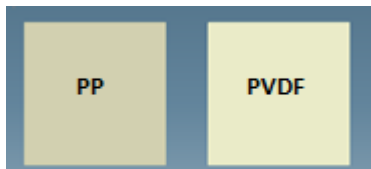
### RM-MF 4.5 Type 18/550

Motor output  
3,0kW / 4,0kW


Variable speed (VFD incl.)



#### Materials:



#### Technical data

Medium-temperature max.	PP PVDF Stainless	80 °C 95 °C 100 °C	
System-pressure max.	PP PVDF Stainless	5,0 bar 6,0 bar 10,0 bar	
Viscosity	< 160 Pa s		
Electrical motor	3-ph. motors, 50 and 60Hz, IE2, IE3 or IE4 Protection IP55, Isolationclass F , Chemical resistant 2K- painting RAL5011		
Options	<i>Thermal protection, other voltages / frequencies, UL, CSA, Special paintings and colors</i> 		<p>Variable speed, rated speed n=3500 rpm</p> <p>Values based on water at 20 °C (68 °F) / Measured value +/- 10%</p> <p>Subject to technical alterations !</p>

**DATASHEET**  
**Magnetically coupled pump**


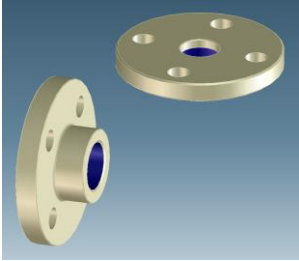
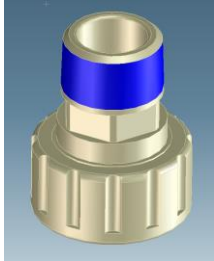
Motor output  
 3,0kW / 4,0kW



**RM-MF 4.5 Type 18/550**

Variable speed (VFD incl.)

**Accessories / Options**

Hose connection	Flange (DIN, ANSI)	NPT - Adapter
 <p>40mm 50mm</p>	 <p>DN32 PN10 ( DIN EN 1092-3 )                      DN40 PN10 ( DIN EN 1092-3 )                      2" ( ANSI Class 150 )</p>	 <p>NPT (M) 1.5"                      NPT (M) 2"</p>

Subject to technical alterations !