

DATASHEET

Magnetically coupled pump

RM 5 – 45/400

Motor output

7,5kW / 11,0kW
2900 or 3450 rpm [2-pol.]




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

				RM5 - 45/400			
Motor output	[kW]	7,5		11,0			
Rated current @ 400V 50Hz 3ph.	[A]	13,5		19,1			
Head max.	[mWS]	47		47			
Capacity max.	[l/min.]	450		450			
Density max. @ Qmax	[g/cm³]	1,15		1,4			
Length „L“	IE2	IE3	[mm]	710	760	760	835

Materials:



Technical data

Medium-temperature max.	PP PVDF	80 °C 95 °C	<div style="text-align: center;"> <h4>Flow curves RM5 - 45/400</h4> <p>Speed: 2900 rpm @ 50Hz or 3450 rpm @ 60Hz</p> <p>Values based on water at 20 °C (68 °F) / Measured value +/- 10%</p> </div>
System-pressure max.	PP PVDF	6,0 bar 6,0 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> 		



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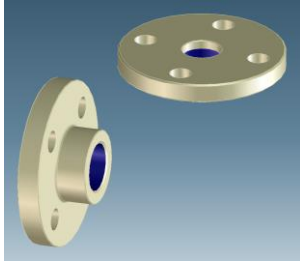
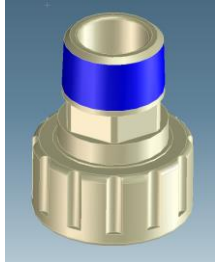
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Accessories / Options

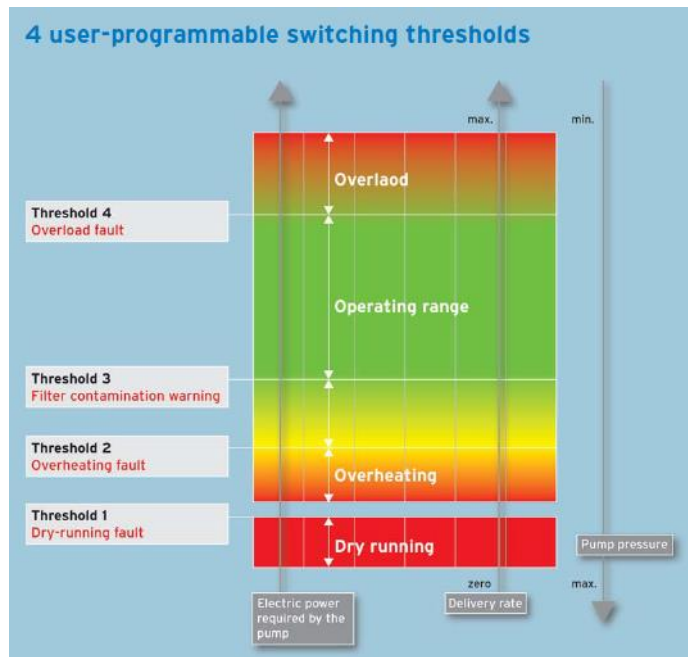
Hose connection	Flange (DIN, ANSI)	NPT - Adapter
 <p>40mm 50mm 63mm</p>	 <p>DN50 PN10 (DIN EN 1092-3) DN65 PN10 (DIN EN 1092-3) 2.5" (ANSI Class 150) 2" (ANSI Class 150)</p>	 <p>NPT (M) 2.5" NPT (M) 3"</p>

Monitor and protect your pump and your process !

Electronic process monitoring -> RPR-Control



- Monitoring the filter fouling
- Dry running
- Overheating
- Overload



Subject to technical alterations !