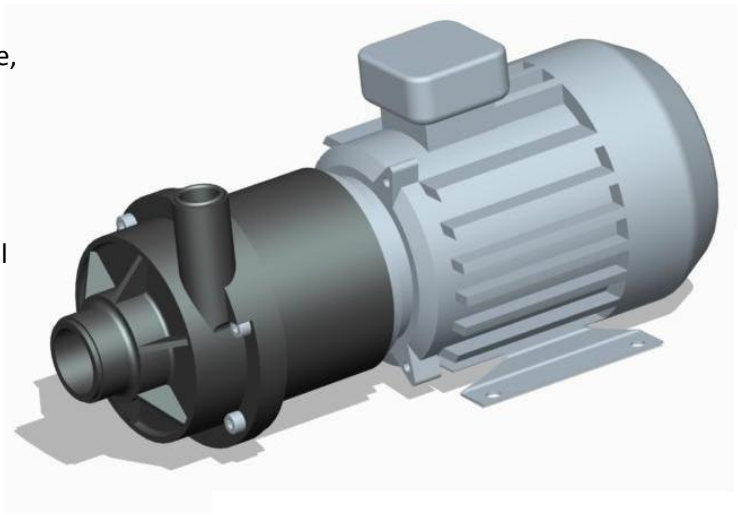
MAGDRIVE
NEMP160/9

Principal Applications

For heavy duty applications requiring safe, leak-free, continuous flow of aggressive chemicals, acids, solvents, alkalis, sterile and chilled fluids.



Wetted Materials

- Standard EPDM O Ring, Nitrile or Viton optional
- PP encapsulated magnet, PVDF optional
- PP pump housing, PVDF optional
- PPS spindle housing , PVDF and PP optional
- Alumina ceramic spindle & thrust washers
- Graflon bushes, Rulon optional

Features

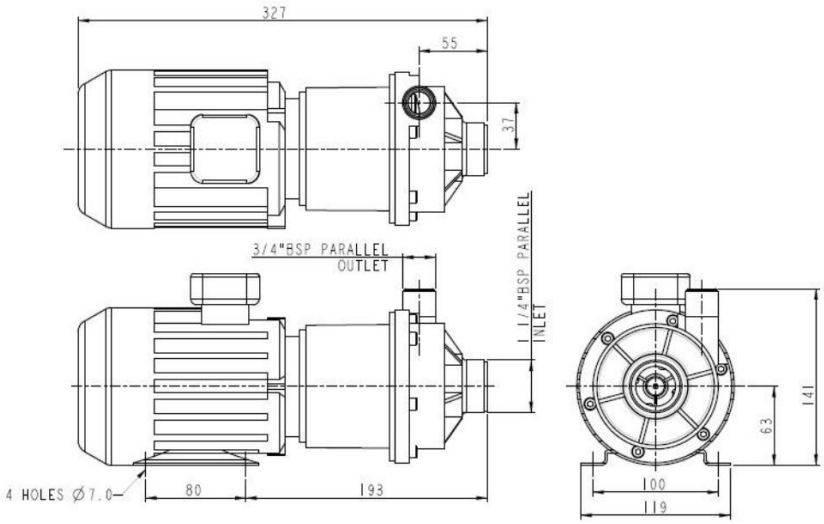
- Manufactured in chemical resistant thermo-plastics – entirely non-metallic
- Magnetic couplings provide an energy efficient thermal shield, minimising heat transfer to the pumped fluid
- IP55 standard motor housing
- High SG version available
- 1 ¼" BSP M inlet ¾" BSP M outlet

Motor

3 phase IEC motor 250 W
B14 Foot & Face

Dimensions

Drawings not to scale
Dimensions in millimetres



Specifications

Model	Overall Height (mm)	Overall Length (mm)	Overall with (mm)	Weight (kg)	Max Body pressure (bar)	Run-out flow rate (l/min)	Closed valve head (m)	Temp Range (degC)	*Max specific gravity	Motor Output (watts)
NEMP160/9	141	327	119	5.6	1.7	158	8.8	-20 to +85	1.2	250

*Assuming maximum viscosity of 30cp

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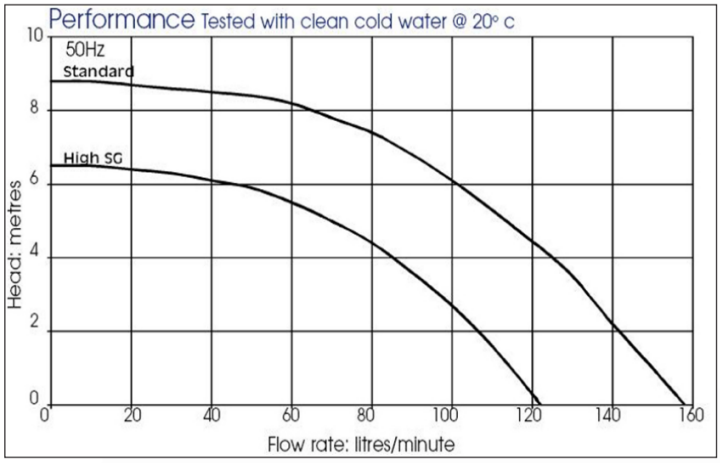
Performance



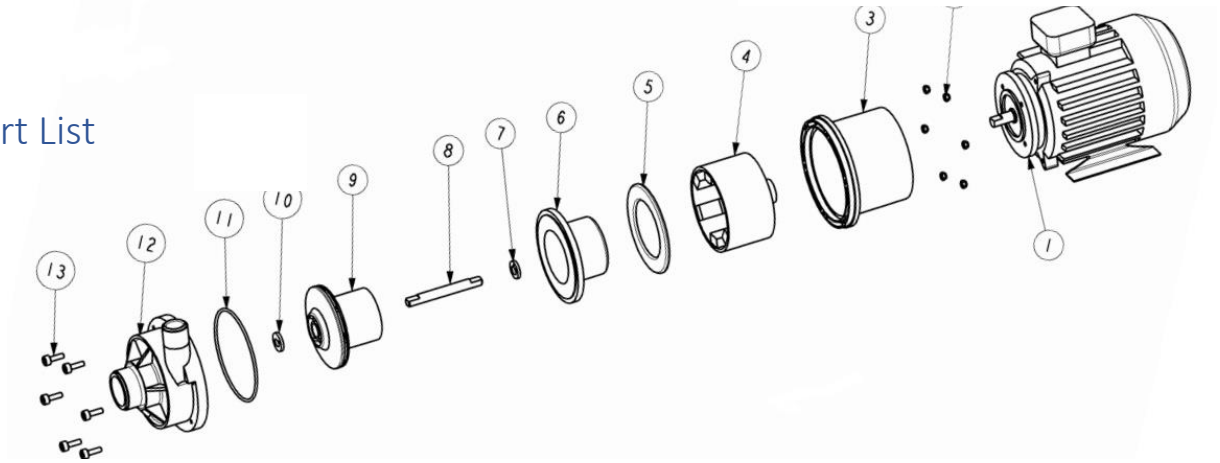
NOTE: These magnetically coupled pumps are designed for use with clean fluids.

Solids will cause jamming. Abrasives will reduce pump life and invalidate the warranty.

NEMP pumps are not self priming and are not designed to run dry.

The company reserves the right to change specifications.

Part List



Item Number	Description	Quantity	Part Number			
1	Motor	1	008857 (110V 1Ph 50 Hz)	008843 (110V 1Ph 60 Hz)	008823 (230V Ph 50/60Hz)	108823 (400V 3Ph 50/60Hz)
2	Nut	6	001564			
3	Adaptor	1	018368			
4	Drive Magnet	1	008624			
5	Support plate	1	008295			
6	Spindle housing	1	018316 (PPS)		008302 (PVDF)	028321 (PP)
7	D washer	1	008298			
8	Spindle	1	008297			
9	Impeller	1	038607 (PP 50Hz) 018633 (PVDF 50Hz)		018667 (PP 60 Hz and High SG)	
10	D washer	1	008298			
11	O ring	1	008276 (EPDM)		008217 (Vition)	
12	Pump Body	1	018382 (PP)		008308 (PVDF)	
13	Screw	1	001759			