TOTION PUNPS

NEMP40/6 Magnetically Coupled Centrifugal Pump



Principal Applications

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

Wetted Materials

Standard EPDM O Ring, optional Nitrile or Viton PP encapsulated magnet PP Housing, PPS optional PPS spindle housing Alumina ceramic spindle

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 IPX5 standard motor housing. IP55 version available. Deep groove ball bearings

NEMP40/6 230V 1Ph 50Hz 230V 1Ph 50Hz 230V 1Ph 60Hz 230V 1Ph 60Hz



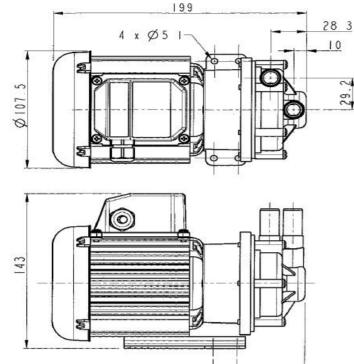
Engineered for life

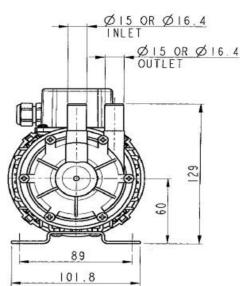
Port Details Plain 21mm 3/8"bsp Male Plain 21mm 3/8"bsp Male NEMP40/6 110V 1Ph 50Hz 110V 1Ph 50Hz 110V 1Ph 60Hz 110V 1Ph 60Hz Port Details

Plain 21mm 3/8"bsp Male Plain 21mm 3/8"bsp Male



Installation Drawings not to scale Dimensions in millimetres





Specification

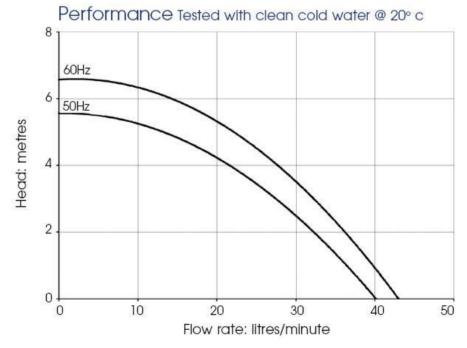
Model	Overall height (mm)	Overall length (mm)	Overall width (mm)	Weight (kg)	Max body pressure (bar)	Run-out flow rate (I/min)	Closed valve head (m)	Temp range (degC)	*Max specific gravity	Motor output (watts)
NEMP40/6	143	200	102	3.0	1.4	50Hz 40 60Hz 43	50Hz 5.6 60Hz 6.5	-20 to +85	1.2	60

53

3

19

*Assuming maximum viscosity of 30cp. Refer to Totton Pumps for higher viscosities and specific gravities Performance



NOTE: These magnetically coupled pumps are designed for use with clean fluids. Solids will cause jamming. Abrasives will reduce pump life & invalidate the warranty. NEMP pumps are not self priming & are not designed to run dry The company reserves the right to change specifications

NEMP40/6

Part List				NEMP40/6
Item Number	Description	Quantity	Part N	
1	Motor	1	116842 (230 V)	116875 (110V)
1 2	Motor Mounting Foot	1	116842 (230 V) 036	116875 (110V) 329
1 2 3	Motor Mounting Foot Fan	1 1 1	116842 (230 V) 036 001	116875 (110V) 329 577
1 2 3 4	Motor Mounting Foot Fan Fan Cowl	1 1 1 1	116842 (230 V) 036 001 036	116875 (110V) 329 577 085
1 2 3 4 5	Motor Mounting Foot Fan Fan Cowl Terminal Box	1 1 1 1 1	116842 (230 V) 036 001 036 036	116875 (110V) 329 577 085 078
1 2 3 4 5 6	Motor Mounting Foot Fan Fan Cowl Terminal Box Nut	1 1 1 1 1 6	116842 (230 V) 036 001 036 036 032	116875 (110V) 329 577 085 078 105
1 2 3 4 5 6 7	Motor Mounting Foot Fan Fan Cowl Terminal Box Nut Adaptor	1 1 1 1 1 6 1	116842 (230 V) 036 001 036 036 032 032 036	116875 (110V) 329 577 085 078 105 324
1 2 3 4 5 6 7 8	Motor Mounting Foot Fan Fan Cowl Terminal Box Nut Adaptor Drive Magnet	1 1 1 1 6 1 1	116842 (230 V) 036 001 036 036 032 032 036 006	116875 (110V) 329 577 085 078 105 324 287
1 2 3 4 5 6 7 8 9	Motor Mounting Foot Fan Fan Cowl Terminal Box Nut Adaptor Drive Magnet Spindle Housing	1 1 1 1 6 1 1 1 1	116842 (230 V) 036 001 036 036 032 032 036 036 036 036 036	116875 (110V) 329 577 085 078 105 324 287 311
1 2 3 4 5 6 7 8 9 10	Motor Mounting Foot Fan Fan Cowl Terminal Box Nut Adaptor Drive Magnet Spindle Housing O ring	1 1 1 1 6 1 1 1 1 1	116842 (230 V) 036 001 036 036 036 032 036 036 006 016 013290 (EPDM) 003398	116875 (110V) 329 577 085 078 105 324 287 311 (Nitrile) 021056 (Viton)
1 2 3 4 5 6 7 8 9 10 11	Motor Mounting Foot Fan Fan Cowl Terminal Box Nut Adaptor Drive Magnet Spindle Housing O ring Spindle	1 1 1 1 6 1 1 1 1 1 1	116842 (230 V) 036 001 036 036 036 032 036 036 006 016 013290 (EPDM) 003398 006	116875 (110V) 329 577 085 078 105 324 287 311 (Nitrile) 021056 (Viton) 244
1 2 3 4 5 6 7 8 9 10 11 12	Motor Mounting Foot Fan Fan Cowl Terminal Box Nut Adaptor Drive Magnet Spindle Housing O ring Spindle Impeller	1 1 1 1 6 1 1 1 1 1 1 1	116842 (230 V) 036 001 036 036 036 032 036 032 036 036 016 016 013290 (EPDM) 003398 006 016355 (50Hz)	116875 (110V) 329 577 085 078 105 324 287 311 (Nitrile) 021056 (Viton) 244 026215 (60Hz)
1 2 3 4 5 6 7 8 9 10 11 11 12 13	Motor Mounting Foot Fan Fan Cowl Terminal Box Nut Adaptor Drive Magnet Spindle Housing O ring Spindle Impeller Pump Body	1 1 1 1 6 1 1 1 1 1 1 1 1	116842 (230 V) 036 001 036 036 036 032 036 032 036 036 016 016 013290 (EPDM) 003398 006 016355 (50Hz) 016303 (plain ports)	116875 (110V) 329 577 085 078 105 324 287 311 (Nitrile) 021056 (Viton) 244 026215 (60Hz) 036354 (threaded ports)
1 2 3 4 5 6 7 8 9 10 11 12	Motor Mounting Foot Fan Fan Cowl Terminal Box Nut Adaptor Drive Magnet Spindle Housing O ring Spindle Impeller	1 1 1 1 6 1 1 1 1 1 1 1	116842 (230 V) 036 001 036 036 036 032 036 036 036 036 036 006 016 013290 (EPDM) 003398 006 016355 (50Hz) 016303 (plain ports) 001	116875 (110V) 329 577 085 078 105 324 287 311 (Nitrile) 021056 (Viton) 244 026215 (60Hz)

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