TOTION PUNPS

NEMP120/8 Magnetically Coupled Centrifugal Pump

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, optional Viton PP encapsulated magnet, PVDF optional PP pump housing, PPS optional PPS spindle housing Alumina ceramic spindle & thrust washers

Features

Manufactured in chemical resistant thermo-plastics – entirely non-metallic Magnetic couplings provide an energy efficient thermal shield, minimising heat transfer to the pumped fluids IP55 standard motor housing EEXD and high SG versions available

NEMP120/8

230V 1Ph 50Hz 1 1 415V 3Ph 50Hz 1 1 110V 50/60 Hz versions available

Port Details

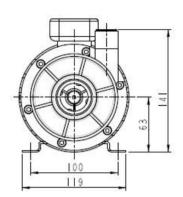
1 ¼" BSP M inlet ¾" BSP M outlet 1 ¼" BSP M inlet ¾" BSP M outlet able





Installation Drawings not to scale Dimensions in millimetres

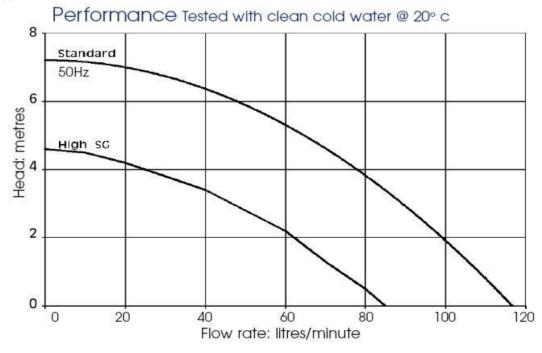
329 329 3/4"BSP PARALLEL OUTLET OUTLET



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)
NEMP120/8	141	329	119	5.5	1.7	117	7.2	-20 to +85	1.2	180 (1Ph) 250 (3Ph)

*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

NEMP120/8

Part List					N	IEMP120/8
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or or when	Description	Quantity		Part N	Number	
er er	Description Motor	Quantity 1	008857 (110V 1Ph 50Hz)	Part N 008843 (110V 1 Ph 60Hz)	Number 008823 (230V 1 Ph 50/60Hz)	008824 (400V 3 Ph 50Hz/60Hz)
Item Number			(110V 1Ph	008843 (110V 1 Ph 60Hz)	008823 (230V 1 Ph	(400V 3 Ph
Item Number	Motor	1	(110V 1Ph	008843 (110V 1 Ph 60Hz) 032	008823 (230V 1 Ph 50/60Hz)	(400V 3 Ph
Item Number	Motor Nut Adaptor Drive Magnet	1 6 1 1	(110V 1Ph	008843 (110V 1 Ph 60Hz) 032 018	008823 (230V 1 Ph 50/60Hz) 2105 8368 8624	(400V 3 Ph
1 1 2 3 4 5	Motor Nut Adaptor Drive Magnet Support Plate	1 6 1 1 1	(110V 1Ph 50Hz)	008843 (110V 1 Ph 60Hz) 032 018 008	008823 (230V 1 Ph 50/60Hz) 2105 3368 3624 3295	(400V 3 Ph 50Hz/60Hz)
1 1 2 3 4 5 6	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing	1 6 1 1 1 1	(110V 1Ph	008843 (110V 1 Ph 60Hz) 032 018 008 008 PPS) 008	008823 (230V 1 Ph 50/60Hz) 2105 8368 8624 8295 302 (PVDF)	(400V 3 Ph
Item Number 1 2 3 4 5 6 7	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing D Washer	1 6 1 1 1 1 1 1	(110V 1Ph 50Hz)	008843 (110V 1 Ph 60Hz) 032 018 008 008 PPS) 008	008823 (230V 1 Ph 50/60Hz) 2105 8368 8624 8295 302 (PVDF) 8298	(400V 3 Ph 50Hz/60Hz)
1 1 2 3 4 5 6	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing	1 6 1 1 1 1	(110V 1Ph 50Hz) 018316 (I 038607	008843 (110V 1 Ph 60Hz) 032 018 008 008 PPS) 008	008823 (230V 1 Ph 50/60Hz) 2105 3368 3624 3295 302 (PVDF) 3298 3297 018667 (I Hig 018668 ((400V 3 Ph 50Hz/60Hz) 008301 (PP) 008301 (PP) PP 60Hz and gh SG) (PVDF 60Hz
Item Number 1 2 3 4 5 6 7 8 9	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing D Washer Spindle Impeller	1 6 1 1 1 1 1 1 1	(110V 1Ph 50Hz) 018316 (I 038607	008843 (110V 1 Ph 60Hz) 032 018 008 008 PPS) 008 008 008 008 008 008 008 008 008 008	008823 (230V 1 Ph 50/60Hz) 2105 3368 3624 3295 302 (PVDF) 3298 3297 018667 (I Hig 018668 (and H	(400V 3 Ph 50Hz/60Hz) 008301 (PP) PP 60Hz and gh SG)
Item Number 1 2 3 4 5 6 7 8 9 10	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing D Washer Spindle Impeller D Washer	1 6 1 1 1 1 1 1 1 1	(110V 1Ph 50Hz) 018316 (I 038607 018633 (008843 (110V 1 Ph 60Hz) 032 018 008 008 008 008 008 008 008 008 008	008823 (230V 1 Ph 50/60Hz) 2105 3368 3624 3295 302 (PVDF) 3298 3297 018667 (I Hig 018668 (and H 3298	(400V 3 Ph 50Hz/60Hz) 008301 (PP) 008301 (PP) PP 60Hz and gh SG) (PVDF 60Hz High SG)
Item Number 1 2 3 4 5 6 7 8 9	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing D Washer Spindle Impeller	1 6 1 1 1 1 1 1 1	(110V 1Ph 50Hz) 018316 (I 038607 018633 (008276 (008843 (110V 1 Ph 60Hz) 032 018 008 008 008 008 008 008 008 008 008	008823 (230V 1 Ph 50/60Hz) 2105 3368 3624 3295 302 (PVDF) 8298 3297 018667 (I Hig 018668 (and H 8298 008217 ((400V 3 Ph 50Hz/60Hz) 008301 (PP) 008301 (PP) PP 60Hz and gh SG) (PVDF 60Hz High SG)

Totton Pumps Ltd. Tel: +44 (0)23 8066 6685 Fax: +44 (0)23 8066 6880 Email: <u>info@totton-pumps.com</u> Web: <u>www.totton-pumps.co.uk</u>