TOTION PUNPS

NEMP200/12 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, PVDF 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

NEMP200/12

230V 1Ph 50Hz 1 ½" 415V 3Ph 50Hz 1 ½" 110/120V 50/60 Hz versions available

Port Details

1 ¹/₂" BSP M inlet 1" BSP M outlet 1 ¹/₂" BSP M inlet 1" BSP M outlet ailable





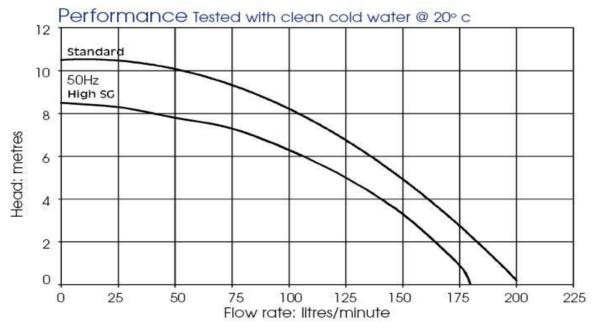
Installation Drawings not to scale Dimensions in millimetres

4 HOLES Ø 7.0-4 HOLES Ø 7.0-7 HOLES Ø 7 HOLES Ø

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)
NEMP200/12	171	418	125	9.6	2.0	200	10.5	-20 to +85	1.2	550

*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

NEMP200/12

							NEM	P200/12
Part List								
			5		3	2		
Item Number	Description	Quantity			Part N	Number		
Item Number	Description Motor	Quantity 1	008844 (110V 1Ph 50Hz)	00883 (110 1Ph 60Hz	31 008 V (23	Number 3825 30V Ph Hz)	008826 (400V 3Ph	008847 (400V 3Ph 60Hz)
1	·		(110V	(110	31 008 V (23 ↓ 1 z) 50	3825 30V	008826 (400V	(400V
1 2 3	Motor Nut Adaptor	1	(110V 1Ph	(110) 1Ph	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3825 30V Ph Hz) 2105 3381	008826 (400V 3Ph	(400V 3Ph
1 2 3 4	Motor Nut Adaptor Drive Magnet	1 6 1 1	(110V 1Ph	(110) 1Ph	31 008 V (2 1 1 z) 50 032 032 018 008	3825 30V Ph 2105 3381 3646	008826 (400V 3Ph	(400V 3Ph
1 2 3 4 5	Motor Nut Adaptor Drive Magnet Support Plate	1 6 1 1 1 1	(110V 1Ph 50Hz)	(110 1Ph 60Hz	31 008 ∨ (2 1 1 2) 50 032 018 008 008	3825 30V Ph 9Hz) 2105 3381 3646 3352	008826 (400V 3Ph 50Hz)	(400V 3Ph 60Hz)
1 2 3 4 5 6	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing	1 6 1 1 1 1 1	(110V 1Ph	(110 1Ph 60Hz	31 008 ∨ (2 1 1 2) 50 032 018 008 008 008	3825 30V Ph Hz) 2105 3381 3646 3352 5 (PVDF	008826 (400V 3Ph 50Hz)	(400V 3Ph
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 1	(110V 1Ph 50Hz)	(110 1Ph 60Hz	31 008 ∨ (2: 1 1 2) 50 032 018 008 008 008 008	3825 30V Ph Hz) 2105 3381 3646 3352 5 (PVDF 3298	008826 (400V 3Ph 50Hz)	(400V 3Ph 60Hz)
1 2 3 4 5 6	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing	1 6 1 1 1 1 1	(110V 1Ph 50Hz) 018317 ((110) 1Ph 60Hz (PPS)	31 008 V (2: 1 1 2) 50 032 018 008 008 008 55 008 008 008 008	3825 30V Ph 2105 3381 3646 3352 5 (PVDF 3298 3351	008826 (400V 3Ph 50Hz)	(400V 3Ph 60Hz) 354 (PP)
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 1	(110V 1Ph 50Hz)	(110) 1Ph 60Hz (PPS) (PP z PVDF	31 008 V (2: 1 1 2) 50 032 018 008 008 008 008 008 008 008 008 008 008 008 008 008 0186 0018672 018672	3825 30V Ph Hz) 2105 3381 3646 3352 5 (PVDF 3298	008826 (400V 3Ph 50Hz) F) 0083 018 Hig F 0186	(400V 3Ph 60Hz)
1 2 3 4 5 6 7 8	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing D Washer Spindle	1 6 1 1 1 1 1 1 1	(110V 1Ph 50Hz) 018317 (038601 50H 018644 ((110) 1Ph 60Hz (PPS) (PP z PVDF	31 008 V (2: 1 1 2) 50 032 018 008 008 008 008 008 008 008 008 008 008 008 008 008 0186 60 018672 60 60	3825 30V Ph Hz) 2105 3381 3646 3352 5 (PVDF 3298 3351 71 (PP Hz) 2 (PVDI	008826 (400V 3Ph 50Hz) F) 0083 018 Hig F 0186	(400V 3Ph 60Hz) 354 (PP) 627 (PP gh SG) 72 (PVDF
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 1	(110V 1Ph 50Hz) 018317 (038601 50H 018644 (50Hz	(110) 1Ph 60Hz (PPS) (PP z PVDF	31 008 V (2: 1 1 2) 50 032 032 033 032 018 008 008 008 008 008 008 008 008 008 008 008 008 008 018672 60 008 008	3825 30V Ph Hz) 2105 3381 3646 3352 5 (PVDF 3298 3351 71 (PP Hz) 2 (PVDI Hz) 2 (PVDI Hz) 3298	008826 (400V 3Ph 50Hz) F) 0083 018 Hig F 0186	(400V 3Ph 60Hz) 354 (PP) 627 (PP gh SG) 72 (PVDF gh SG)
1 2 3 4 5 6 7 8 9 9	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 1 1	(110V 1Ph 50Hz) 018317 (038601 50H 018644 (50Hz 0082	(110) 1Ph 60Hz (PPS) (PP z (PP z PVDF z)	31 008 ∨ (2: 1 1 2) 50 032 018 008 008 008 008 008 008 008	3825 30V Ph 0Hz) 2105 3381 3646 3352 5 71 0Hz) 2 0Hz) 23351 71 0Hz) 2 0Hz) 3298 3298 0Hz) 3298	008826 (400V 3Ph 50Hz) F) 008: 018 Hig F 0186 Hig	(400V 3Ph 60Hz) 354 (PP) 627 (PP gh SG) 72 (PVDF gh SG) /iton)
1 2 3 4 5 6 7 8 9 9 10 11	Motor Nut Adaptor Drive Magnet Support Plate Spindle Housing D Washer Spindle Impeller D Washer O Ring	1 6 1 1 1 1 1 1 1 1 1 1 1 1	(110V 1Ph 50Hz) 018317 (038601 50H 018644 (50Hz 0082	(110) 1Ph 60Hz (PPS) (PP z PVDF z) 77 (EPI	31 008 V (2: 1 1 z) 50 032 018 008 008	3825 30V Ph 0Hz) 2105 3381 3646 3352 5 71 0Hz) 2 0Hz) 23351 71 0Hz) 2 0Hz) 3298 3298 0Hz) 3298	008826 (400V 3Ph 50Hz) 	(400V 3Ph 60Hz) 354 (PP) 627 (PP gh SG) 72 (PVDF gh SG) /iton)

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>