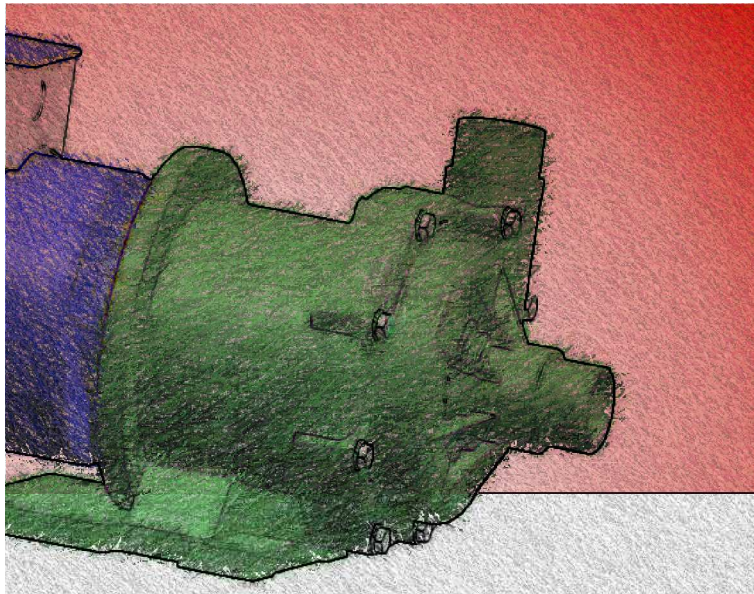


PW & HP Pumps

Magnetic Drive Pumps For Aggressive Chemicals



The PW and PW-E ranges of magnetic drive pumps are well proven and robust, and offer a cost effective solution for high volume and high head applications.

They are available with in a range of materials and fitted with a wide selection of motor types.

Reliable and Long Lasting

March May pumps are constructed from the highest quality materials using well proven designs.

Efficient and Quiet

Based on long experience their designs have been refined to minimise frictional loss to produce efficient and quiet pumps.

Technical Support

March May has built up a wealth of knowledge in the field of magnetic drive pumps over the last 30 years making us probably the most experienced such company in the UK.

Ex-Stock

Many of the polypropylene PW pumps are stocked in the UK.

Design Flexibility

As March May also designs and manufactures pumps we possess the ability to modify and redesign our pumps to suit specific and unusual applications.

Chemically Resistant

Due to the use of polypropylene and ETFE a very wide range of acid, alkaline and solvent liquids can be pumped.

Please consult us if you have any doubts regarding chemical compatibility.

PW

PW magnetic drive pumps are available in polypropylene or ETFE and with flanged or threaded connections.

PW-E

Manufactured from ETFE, the PW-E range of pumps is designed for areas that require atex approval..

All versions of the pumps can be ATEX approved to Equipment Category 2, (Gas Zone 1 and Dust Zone 21) and temperature rating T4.



PW-7.5P-MD



PW-10P-MD



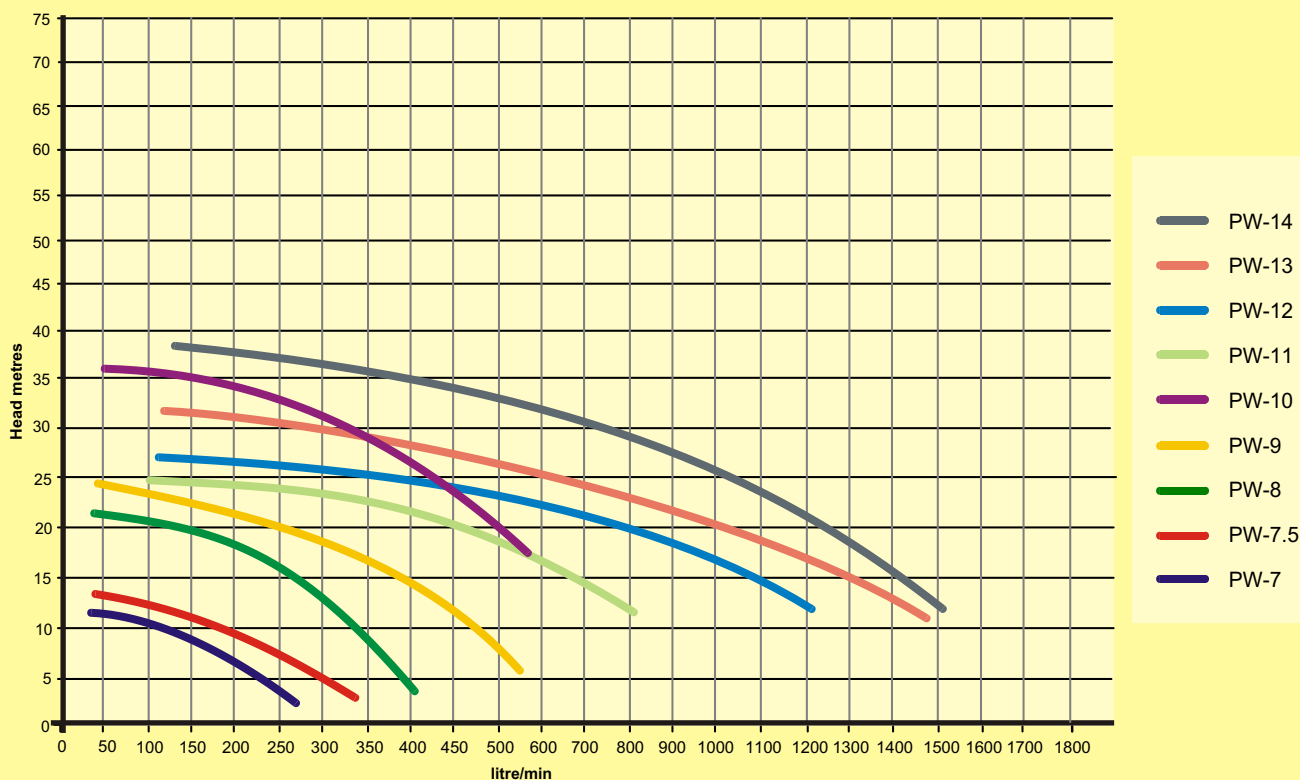
PW-E



PW-9E-MD

PERFORMANCE

50 Hz, SG 1.0 2900 rpm

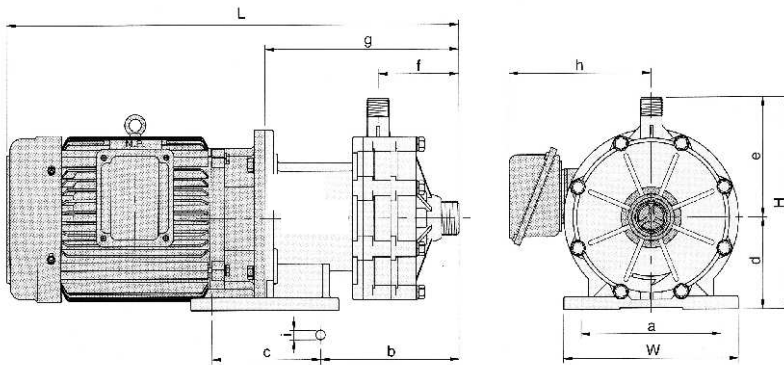


All PW plastic impellers can be trimmed at no extra cost to cater for higher SGs, viscous liquids and 60Hz duties.

These figures are indicative, please consult March May Ltd for exact performances.

DIMENSIONS

Dimensions in mm not to scale specifications are subject to change



MOTORS

Our PW and PW-E pumps are fitted with IP55, 415 or 230 volt CE motors as standard. In addition the following types of motors are also available.

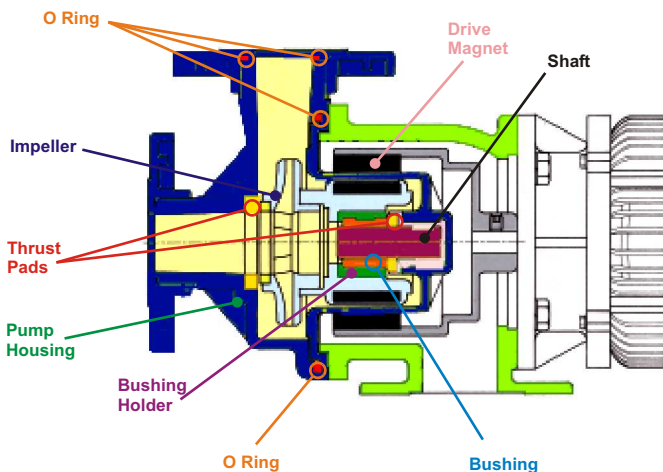
- 1 & 3 phase 60hz UL/CSA.
- Dual voltage.
- Dual frequency.
- Chemically resistant.

Model	W mm	H mm	L mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	Inlet Ports	Outlet Ports	Motor Kw
PW-7	140	216	394	110	51	98	95	121	87	150	125	40mm, 1 1/2" BSP	40mm, 1 1/2" BSP	0.55
PW-7.5	160	254	489	130	58	130	115	139	103	184	148	40mm, 1 1/2" BSP	40mm, 1 1/2" BSP	0.75
PW-8	260	255	551	208	65	200	115	140	89	158	158	50mm, 2" BSP	40mm, 1 1/2" BSP	1.50
PW-9	260	255	591	208	65	200	115	140	89	158	158	50mm, 2" BSP	40mm, 1 1/2" BSP	2.20
PW-10	260	270	617	208	65	200	130	140	89	158	158	50mm, 2" BSP	40mm, 1 1/2" BSP	3.70
PW-11	260	360	715	210	85	270	175	185	118	240	-	80mm, 3" BSP	65mm, 2 1/2" BSP	3.70
PW-12	260	360	746	210	85	270	175	185	118	240	249	80mm, 3" BSP	65mm, 2 1/2" BSP	5.50
PW-13	260	360	746	210	85	270	175	185	118	240	249	80mm, 3" BSP	65mm, 2 1/2" BSP	7.50
PW-14	350	385	904	300	85	270	175	185	118	240	287	80mm, 3" BSP	65mm, 2 1/2" BSP	11.0

TECHNICAL DETAILS

STANDARD COMPONENTS	PW-**P-MD	PW-**E-MD
Impeller	Polypropylene	ETFE
Impeller Magnet	Polypropylene	ETFE
Pump Housing	Polypropylene	ETFE
Bushing	Carbon	Carbon
O Rings	Viton	Viton
Shaft	Ceramic	Ceramic
Bushing Holder	PPS	ETFE
Thrust Pads	Ceramic	Ceramic

OPTIONAL COMPONENTS	PW-**P-MD	PW-**E-MD
Bushing	Rulon, ceramic	Rulon, Ceramic, Sil Carbide
O Rings	EPDM, Nitrile	EPDM, Nitrile
Shaft		Sil Carbide
Thrust Pads	Sil Carbide	Sil Carbide



OTHER MODELS

PW-C

A range of ETFE lined cast iron pumps.

Max Flow: 1,300 l/min
Max Head: 42m



PW-XJ

A range of heavy duty ETFE lined cast iron pumps for high head and high pressure applications.

Max Flow: 550 l/min
Max Head: 60m



SELF PRIMING

A polypropylene priming chamber can be fitted to the following models.

Suction Lift 1m

PW-7P-MD 3.0 m
PW-7.5P-MD 3.0 m
PW-8P-MD 2.0 m



PW-N-MD & PW-N-F-MD

Full self priming polypropylene and PVDF versions of the of the following versions are available with a suction lift of 4 m.

PW-7-MD
PW-7.5-MD
PW-8-MD
PW-9-MD
PW-10-MD



OTHER MAGNETIC DRIVE PUMPS

March May offers probably the largest range of magnetic drive pumps in the UK.



Large centrifugal
For aggressive chemicals.



Compact centrifugal with
DC motors
For milder chemicals



Single stage centrifugal
For milder chemicals.



Multi stage centrifugal
For mild or aggressive
liquids.



Brass centrifugal
For high temperature
liquids.



Single stage turbine
For mild or aggressive
liquids.



Submersible centrifugal
For milder liquids.

