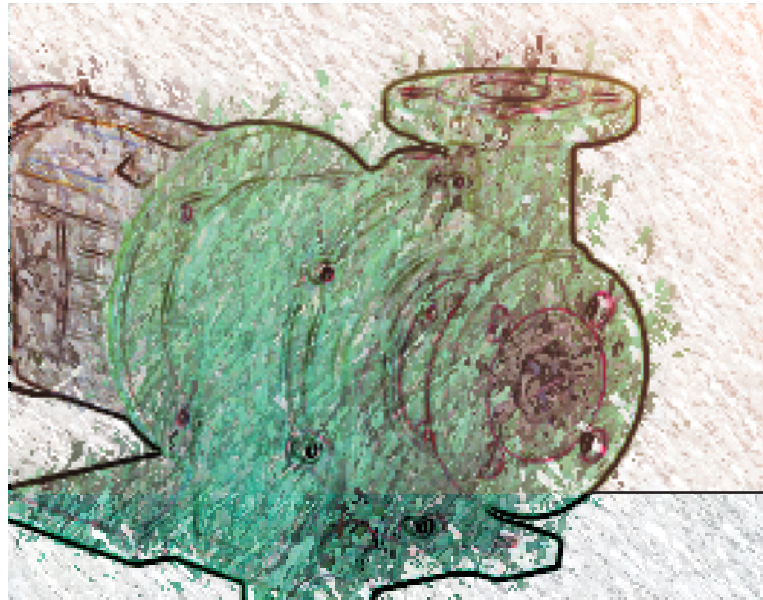


# PW-C Pumps

ETFE lined Magnetic Drive Pumps For Aggressive Chemicals

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The PW-C range of ETFE lined cast iron magnetic drive pumps are well proven and robust, and offer a cost effective solution for aggressive liquids.

All PW-C pumps can be fitted with ATEX motors for applications where a risk of explosion exists.

**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.

**Robust**

With the outer casing manufactured from cast iron, PW-C pumps are extremely robust.

**Chemically Resistant**

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

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



**Short Lead times**

Most models are available within a 2 week lead time.

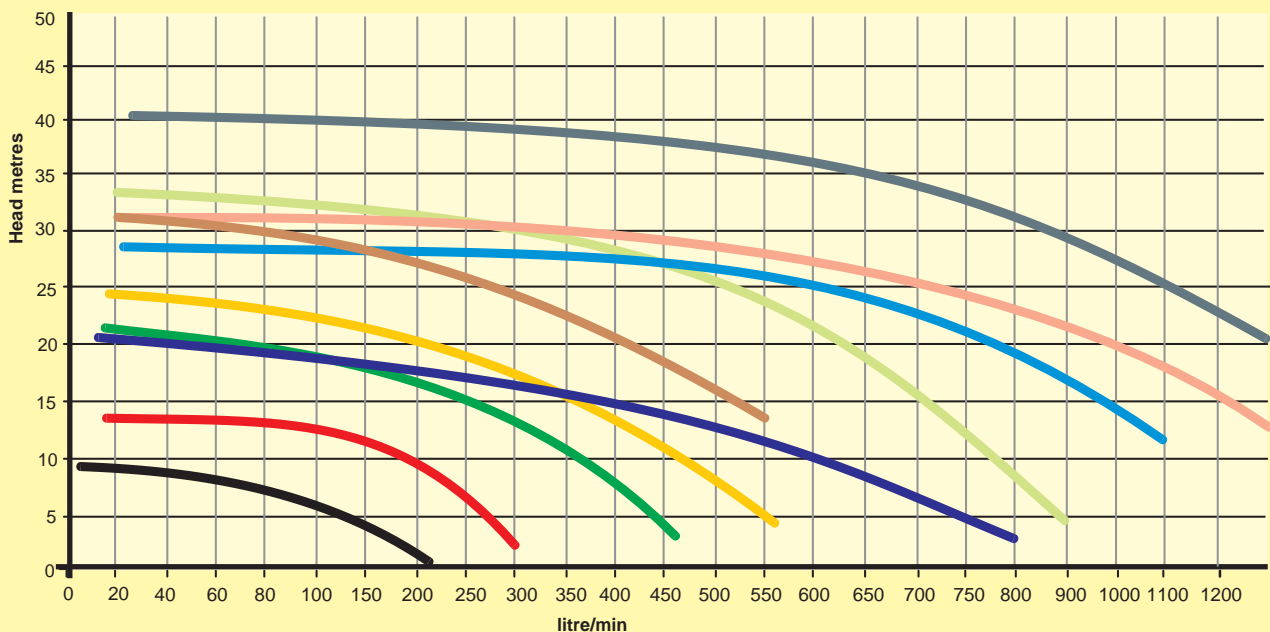
**Design Flexibility**

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

**All models can be ATEX approved to Equipment Category 2, (Gas Zone 1 and Dust Zone 21) and temperature rating T4.**

**PERFORMANCE**

50 Hz, SG 1.0 2900 rpm



- PW-7.5
- PW-9
- PW-10.5C
- PW-12C
- PW-14C
- PW-6C
- PW-8
- PW-10C
- PW-11C
- PW-13C

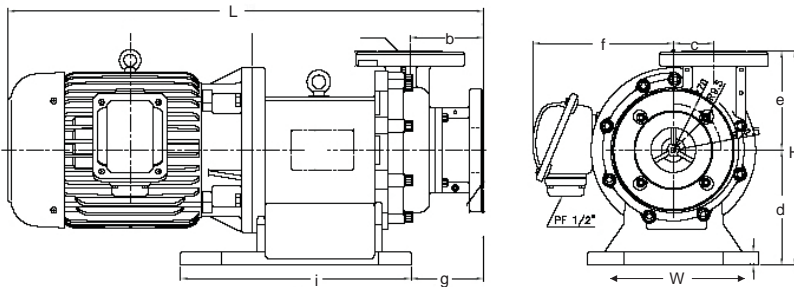


All PW plastic impellers can be trimmed at no extra cost to cater for higher SGs, viscous liquids and 60Hz duties.

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

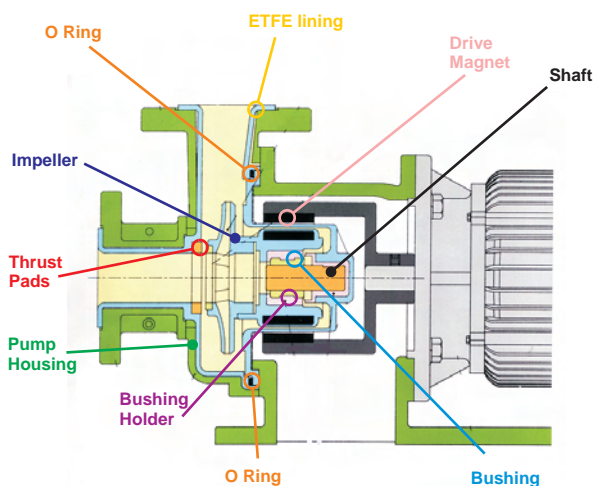
Our PW-C pumps are fitted with IP55, 415 or 230 volt CE motors as standard. In addition the following types of motors are also available.

- ATEX motors.
- 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	I mm	Inlet Ports	Outlet Ports	Motor kW
<b>PW-6C-MD</b>	155	237	490	55	51	88	115	122	147	95	146	25mm	25mm	0.37
<b>PW-7.5C</b>	195	275	529	65	58	105	135	140	152	106	250	40mm	40mm	0.75
<b>PW-8C</b>	200	295	603	70	65	87	155	140	166	106	275	40mm	50mm	1.5
<b>PW-9C</b>	200	295	603	70	65	87	155	140	166	106	275	40mm	50mm	2.2
<b>PW-10C</b>	200	295	676	56	65	87	155	140	188	130	275	40mm	50mm	4
<b>PW-10.5C</b>	260	325	720	105	62	110	175	150	188	130	305	50mm	65mm	4
<b>PW-11C</b>	260	325	786	105	62	110	175	150	261	195	305	50mm	65mm	6
<b>PW-12C</b>	280	360	798	71	0	118	175	185	261	195	320	50mm	80mm	6
<b>PW-13C</b>	280	360	798	71	0	118	175	185	261	195	320	50mm	80mm	7.5
<b>PW-14C</b>	350	385	984	95	0	118	200	185	281	195	320	50mm	80mm	11

## TECHNICAL DETAILS

STANDARD COMPONENTS	Standard	Optional
<b>Impeller</b>	ETFE	
<b>Impeller Magnet</b>	ETFE	
<b>Pump Housing</b>	ETFE	
<b>Bushing</b>	Carbon	PTFE, Ceramic, Sic
<b>O Rings</b>	Viton	FEP, EPDM
<b>Shaft</b>	Ceramic	Ceramic
<b>Bushing Holder</b>	ETFE	ETFE
<b>Thrust Pads</b>	Ceramic	Ceramic



## OTHER PLASTIC ATEX MODELS

### PCM

Single stage centrifugal pumps machined from solid polypropylene or PVDF to offer thick walled pumps.

Will replace Caster MCH pumps.



### PTM

Single stage regenerative turbine pumps machined from polypropylene or PVDF. To offer robust pumps capable of generating high pressures and coping with entrained gases.

Will replace Caster MT pumps.



## SELF PRIMING

### PTM-sp

A polypropylene and PVDF turbine pumps with priming chambers models.

PTM-sp 2.5x6.5  
PTM-sp 2.5x7.5  
PTM-sp 2.5x8  
PTM-sp 3x10



### PW-sp

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.

