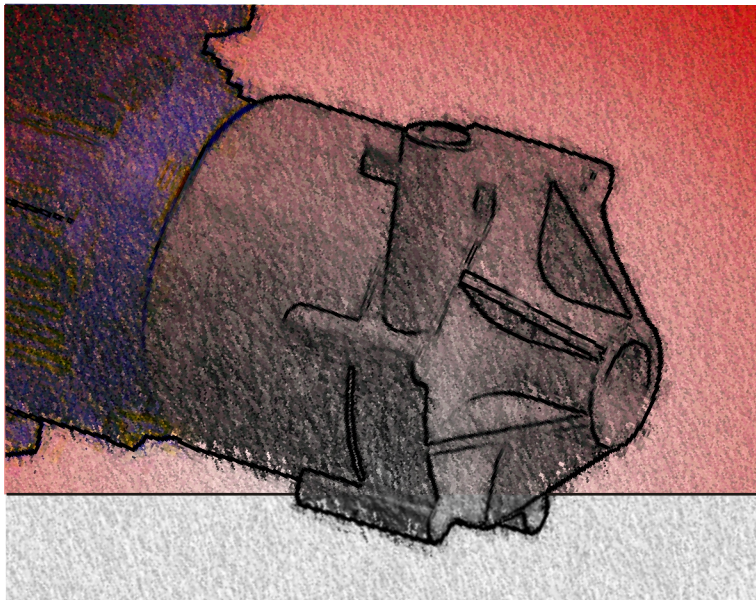


# TE Range

Magnetic Drive Pumps For Aggressive Chemicals

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The TE range is probably the single most comprehensive range of seal-less magnetic drive centrifugal pumps available in the UK.

Many of the TE pump designs have seen over 30 years service.

### Reliable and Long Lasting

TE 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

Virtually all TE models are stocked in the UK.

### Design Flexibility

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

### Chemically Resistant

Due to the large range of construction materials a very wide range of acid, alkaline and solvent liquids can be pumped.

### High Temperature Compatible

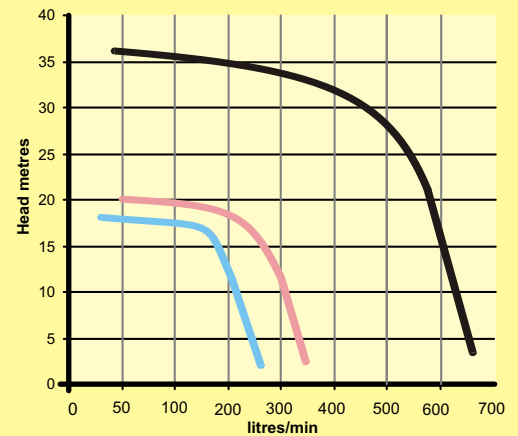
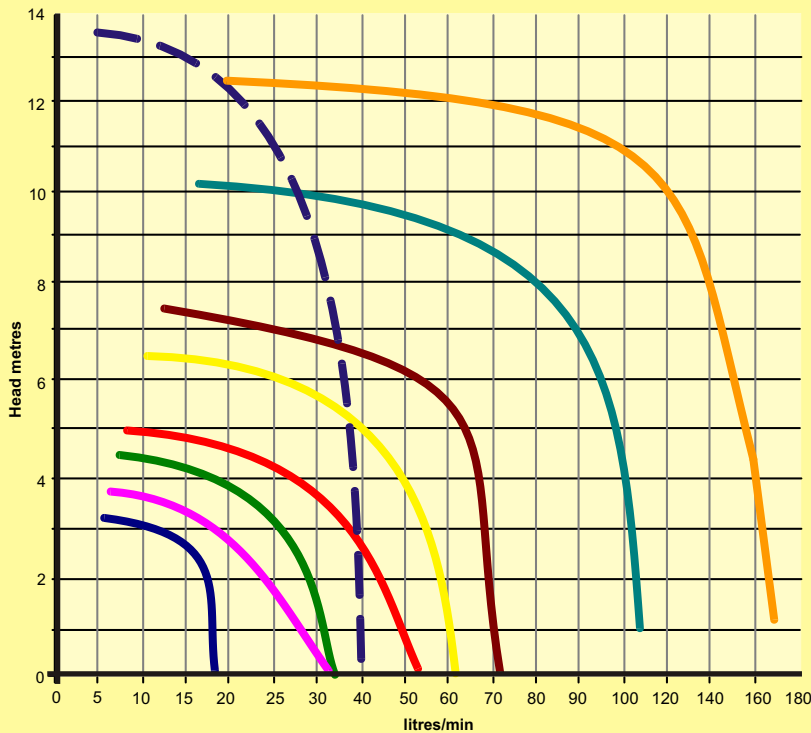
Due to the large range of materials TE pumps can be configured to pump liquids up to 121°C.



Housings & Impellers	O Rings
Polypropylene	Viton
PVDF (Kynar)	PTFE (Teflon)
PPS (Ryton)	Nitrile
Stainless Steel 316	Silicon
	EPDM
Spindles	Bushings
Ceramic	Rulon
Stainless Steel 316	Carbon
Hastelloy C	

## PERFORMANCE

50 Hz, SG 1.0 2900 rpm



TE - 2	TE - 335
TE - MD	TE - 6
TE - 3	TE - 7
TE - 4	TE - 7.5
TE - 5	TE - 8
TE - 5i	TE - 10



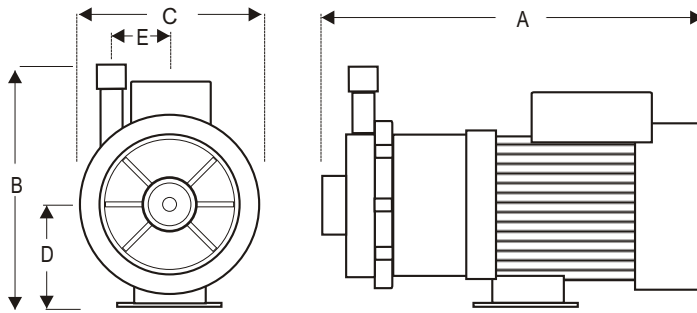
All TE plastic impellers can be trimmed at no extra cost to cater for higher SGs, viscous liquids and 60Hz duties.

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

TE 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.
- Brushed & Brush-less DC.



TE-3P with Ip44 motor

Model	A mm	B mm	C mm	D mm	E mm	Inlet Ports	Outlet Ports	Motor Kw	amps 230 v	amps 415 v	Alternative Motors		
											IP44	Air	submersible
TE-2	188	136	89	57	21	3/8"NPT.F, 3/4"NPT.M	1/4" NPT.M	0.03	0.03				
TE-3	244	152	144	56	29	3/4"BSP.F	1/2"NPT.M	0.11	0.92	0.34			
TE-MT3	242	152	144	56	29	1/2"NPT.M	1/2"NPT.M	0.11	0.92	0.34			
TE-4	252	154	144	56	32	1"BSP.F	1/2"NPT.M	0.11	0.92	0.34			
TE-5	252	154	144	56	32	1"BSP.F	1/2"NPT.M	0.11	0.92	0.34			
TE-5i	252	154	144	56	32	1"BSP.F	1/2"NPT.M	0.11	0.92	0.34			
TE-6	365	161	170	71	48	1"BSP.F	3/4"NPT.M	0.37	3.70	0.75			
TE-7	407	171	140	71	48	1 1/2"NPT.F	1"NPT.M	0.55	5.70	1.25			
TE-7.5	488	234	230	95	70	2"NPT.M	1 1/2" NPT.M	1.10		2.60			
TE-8	538	243	273	120	79	2"NPT.M	1 1/2" NPT.M	1.50		3.90			
TE-10	488	234	230	95	70	3"NPT.M	2"NPT.M	5.50		13.5			
TE-335	350	175	170	71	54	3/4" NPT.M/smooth	3/4" NPT.M/smooth	0.25		1.80			

## TECHNICAL DETAILS

	Pump Housing	Impeller	Bushing	Max Pressu bar	Max Liquid Temp °C
TE-2CP-MD/UE	Polypropylene	Polypropylene	-	3.4	88
TE-3P-MD	Polypropylene	Polypropylene	-	3.4	88
TE-3K-MD	PVDF	PVDF	-	3.4	93
TE-MDX-MT3	Polypropylene	Polypropylene	-	3.4	88
TE-MDR-MT3	Ryton	Ryton	-	5.0	95
TE-MDK-MT3	PVDF	PVDF	-	5.0	93
TE-4P-MD	Polypropylene	Polypropylene	-	3.4	88
TE-4R-MD	Ryton	Ryton	-	3.4	95
TE-4K-MD	PVDF	PVDF	-	5.0	93
TE-4S-MD	316 st/steel	316 st/steel	Carbon	13	120
TE-5P-MD	Polypropylene	Polypropylene	-	3.4	88
TE-5R-MD	Ryton	Ryton	-	3.4	95
TE-5K-MD	PVDF	PVDF	-	5.0	93
TE-5S-MD	316 st/steel	316 st/steel	Carbon	13	120
TE-5iP-MD	Polypropylene	Polypropylene	-	3.4	88
TE-5iK-MD	PVDF	PVDF	-	5.0	93
TE-6T-MD	Ryton	Polypro	Rulon	3.4	88
TE-6P-MD	Polypropylene	Polypropylene	Rulon	3.4	88
TE-6K-MD	PVDF	PVDF	Rulon	5.0	93
TE-6RK-MD	Ryton	PVDF	Rulon	3.4	93
TE-7P-MD	Polypropylene	Polypropylene	Rulon	3.4	88
TE-7K-MD	PVDF	PVDF	Carbon	5.0	93
TE-7S-MD	316 st/steel	316 st/steel	Rulon	13	120
TE-7.5K-MD	PVDF	PVDF	Carbon	5	93
TE-8P-MD	Polypro/PVDF	Polypropylene	Carbon	3.4	88
TE-8K-MD	PVDF	PVDF	Carbon	5	93
TE-8S-MD	316 st/steel	316 st/steel	Carbon	13.0	95
TE-10K-MD	PVDF	PVDF	Carbon	5	93
TE-335P-MD	Polypropylene	Polypropylene	Carbon	3.4	88



TE-7S-MD



Submersible TE-5P with epoxy motor

### Standard Components

Unless specified, TE pumps are fitted with:

- Ceramic spindles.
- Ceramic thrust washers.
- Rulon bushings.
- Viton O rings.

## SELF PRIMING

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

### Suction Lift

TE-4P-MD	3.0 m
TE-5P-MD	3.0 m
TE-5iP-MD	2.0 m
TE-6T-MD	1.5 m
TE-6P-MD	1.5 m



## SP-TE-7P-MD & SP-TE-7K-MD

Full self priming versions of the TE-7P-MD and TE-7K-MD pumps are available with a suction lift of 3 m.

### Materials in contact with liquid

SP-TE-7P-MD  
Polypropylene  
Ceramic  
Carbon  
Viton



SP-TE-7K-MD  
PVDF  
Ceramic  
Carbon  
Viton

*Always subtract any suction lift from the discharge pressure capability of the pump.*

## OTHER MAGNETIC DRIVE PUMPS

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



Large centrifugal  
For milder 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.

