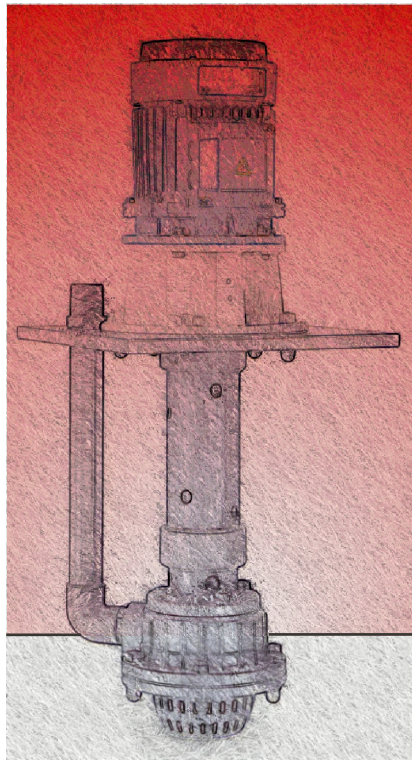


Vertical Column Pumps

For Aggressive Liquids



The AS range of seal-less vertical centrifugal pumps have been specifically designed to suit a range of industrial and effluent treatment applications.

No metal comes into contact with chemicals; the pump casings are of polypropylene with bearings and seals of PTFE or ceramic.

Reliable and Long Lasting

AS pumps are constructed from the highest quality materials using well proven designs. They have been designed with difficult and demanding applications in mind.

Efficient and Quiet

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

Design Flexibility

AS pumps can be modified to suit specific and unusual applications.

Chemically Resistant

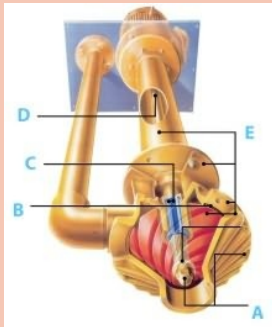
Due to the range of wetted materials a very wide range of acid, alkaline and solvent liquids can be pumped.

High Temperature Compatible

AS pumps can be configured to pump liquids up to 90°C .

Easy to Maintain

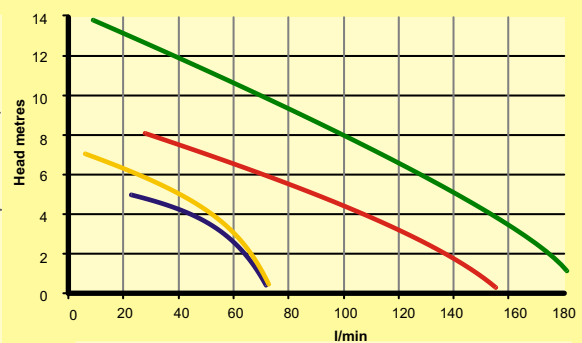
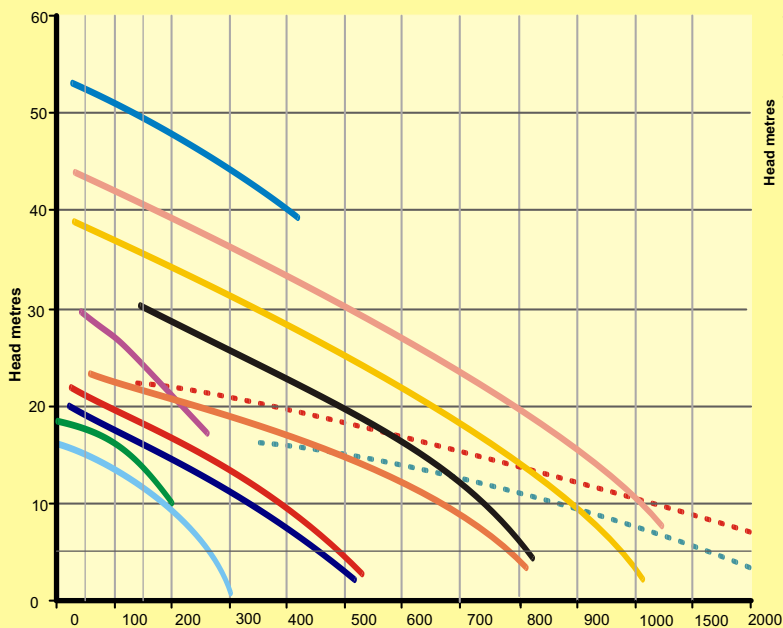
AS pumps are easy to take apart if maintenance is required.



- A. PP, PVC PVDF coated bolts and nuts.
- B. EPDM or FPM gaskets.
- C. Wear bushings directly flushed, in filled PTFE, ceramic or SiC.
- D. Cantilever shaft, without intermediate bearings and coated with PP, PVC, PVDF.
- E. Pump casing, cover, impeller and other components molded and drawn from corrosion-resistant thermoplastic materials.

PERFORMANCE

50 Hz, SG 1.0 2900 rpm



- AS 20A AS 20C AS 30A AS 30B
- AS 40A AS 50C AS 100A
- AS 40C AS 70A AS 140D
- AS 50A AS 80A AS 125D
- AS 50B AS 80B AS 100C

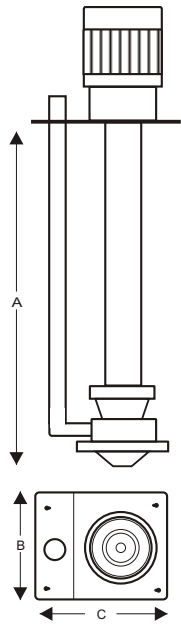


All March May plastic impellers can be trimmed at no extra cost to cater for higher SGs, viscous liquids and 60Hz.

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

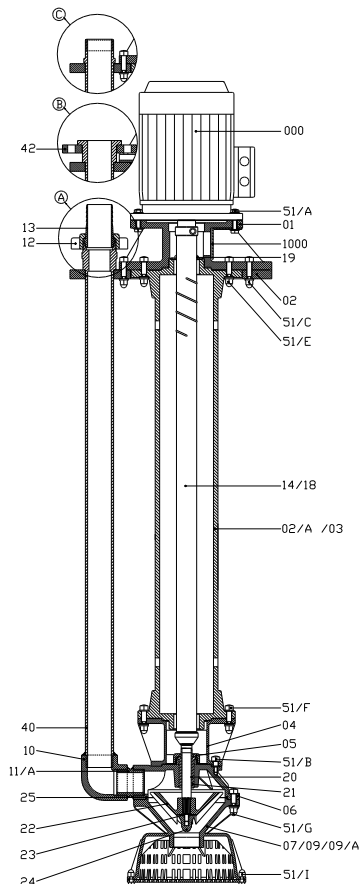
DIMENSIONS

Dimensions in mm not to scale specifications are subject to change



	Max Flow l/min	Max Head m	A min mm	A max mm	B mm	C mm	Port Size mm	Power Kw	Poles
AS 10A	17	3	200	1000	160	160	15	0.18	2
AS 20A/C	60	6	250	1000	250	250	20	0.25	2
AS 30A	120	8	320	3000	350	350	25	0.55	2
AS 30B	160	14	320	3000	350	350	25	1.1	2
AS 40A/C	280	15	320	3000	350	350	32	1.5	2
AS 50A	520	20	465	3000	370	450	50	2.2	2
AS 50B	580	22	465	3000	370	450	50	3	2
AS 50C	220	30	465	3000	370	450	50	3	2
AS 50D	190	5	465	3000	370	450	50	1.1	4
AS 70A	930	24	1000	3000	400	550	65	4	2
AS 80A	940	29	1000	3000	400	550	80	5.5	2
AS 80B	1000	39	1000	3000	400	600	80	9.2	2
AS 100A	1450	44	1000	3000	400	600	100	11	2
AS 100C	400	54	1000	3000	400	600	100	11	2
AS 100D	900	9	1000	3000	400	550	100	4	4
AS 125D	2000	16						7.5	4
AS 140D	2200	22						11	4

TECHNICAL DETAILS



Item	Description	Material
0	Motor	
01	Motor stool	Polypropylene/PVC/PVDF
02	Support plate	PVC
03	Support column	Polypropylene/PVC/PVDF
04	Pump stool	Polypropylene/PVC/PVDF
05	Ring nut	Polypropylene/PVC/PVDF
06	Pump casing	Polypropylene/PVC/PVDF
07/09/09A	Pump cover	Polypropylene/PVC/PVDF
10	Delivery elbow	Polypropylene/PVC/PVDF
11A	Nipple - Mamelon	Polypropylene/PVC/PVDF
12/13	Hose adaptor	Polypropylene/PVC/PVDF
14/20	Shaft Coating	Polypropylene/PVC/PVDF
19	Baffle	EPDM
20A	Shaft bushing	PTFE/CER
21/21A/21B	Casing bushing	VX1/PTFE&CER/CER
22	Impeller	Polypropylene/PVC/PVDF
23	Washer	PTFE
24	Impeller nut	Polypropylene/BR
25	O Ring	EPDM
40	Delivery pipe	Polypropylene/PVC/PVDF
42	Backing ring	PVC
43	Collet	Polypropylene/PVC/PVDF
51A/51B	Nuts and bolts	Polypropylene/St Steel/BR
1000	Protection	Polypropylene

MANUFACTURING

The company manufactures all moulded components in-house.

Our capabilities include:

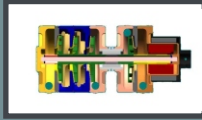
- A significant moulding capacity.
- Flexible Assembly.
- Large finished good stocks.
- A well equipped machine shop.



DESIGN

The company places a high priority on design and has as a consequence invested in all aspects of the process. The company boasts significant:

- 3D computer aided design capabilities.
- CAD/CAM to 3D milling equipment.
- Significant product testing facilities.
- Strong links with a range



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.



Brass centrifugal
For high temperature
liquids.



Single stage turbine
For mild or aggressive
liquids.



Submersible centrifugal
For milder liquids.



Multi stage centrifugal
For mild or aggressive
liquids.



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