



## Motors

*An extensive range of motors designed for performance, reliability and application flexibility. With Abbeychart designing-in and supplying over 2,000 different part numbers for vending, beverage, catering and industrial applications we are confident our technical support and product range can support your equipment needs.*

Brewer

Grinder

Agitator

Custom

Whipper

Drive

Geared

Fan

Pump

## AC Whipper Motors

powerful, compact,  
quiet and reliable



- UL approved
- Thermal Protection 85°C
- 60Hz version available
- Other Shafts available
- Noise Suppression 0.047uF capacitor
- Die Cast, Front End Shield versions available

## IN STOCK - READY TO DESPATCH

Part Number	Description	List Price
PACHS430-31-230	Whipper Motor 230V Short Shaft	£23.40

## DC Whipper Motors



With Bracket (B).

## IN STOCK - READY TO DESPATCH

Part Number	Description	List Price
XAABB1790	10,000 RPM Whipper Motor Assembly	£13.08

Part Number	Voltage	Speed
ABB1410-RO2490-B	24VDC	10,000 RPM
ABB1410-RO2489-B	24VDC	10,000 RPM
ABB1414-RO2489-B	24VDC	14,000 RPM
ABB1417-RO2489-B	24VDC	17,000 RPM

- Permanent magnet field
- Carbon Brushes
- Hardened Steel Shaft
- Lubricated for life, sintered bearings
- Termination solder tabs
- Fitted with internal suppression to meet EMC directives
- 3 Standard speeds, 10,000 14,000 and 17,000 RPM
- Special Shaft lengths available on request
- Wiring harness optional

## DC Canister Drive Motors



A wide range of DC drive motors and speed reducers are offered by Abbeychart. This range features plastic gear boxes and DC motors to form a low cost, but extremely rugged power source for Ingredient Canisters for the Vending Industry, Photographic Industry and Food Process Industries. Available in both 24 Volt and 12 Volt DC, this compact and lightweight unit fits the Industry standard mounting positions and is slim but powerful. The motors are all fitted with built-in anti-noise suppressors to assist in meeting European EMC standards. We offer 3 different drive shaft lengths (visible length that shows when fitted 16, 25 and 60mm), which can be fitted to either the front or back of the gear box.

- Lubricated for life
- Reversible output shafts with 4 speed options -50, 85, 145 and 220 rpm
- Built in varistor suppression
- Fully Sealed Unit
- Directly interchangeable with similar types
- Choice of 12 or 24 Volt DC
- Motors supplied with wiring harness

Part Number	Voltage	Speed
CDM24V50	24V	50 rpm
CDM24V85	24V	85 rpm
CDM24V145	24V	145 rpm
CDM24V220	24V	220 rpm

## PF7 Series Geared Motor



The PF7 Series Geared Motors are available in various configurations and speeds. They are lubricated with a high temperature lubricant resulting in high performance at high temperatures.

They are manufactured with Helical Gears on the input shaft for quiet and smooth operation. The output shaft is supported by a needle bearing allowing a more precise rotation.

Part Number	Voltage	Speed
PACJB50T7	230 VAC	140 rpm

**Complete with  
600mm flying  
leads.**

Other Sizes available on request (230, 250 and 350 mm)

## Geared Motors (Brewer Motors)



The heavyweight of our range, the FBT3 is a low speed, high torque unit designed with pellet fired red appliances and fresh brew vending systems in mind, although it is equally suited for many other applications.

High quality engineering ensures a quiet and long running life. Available with SC9 AC, Synchronous AC, DC and Brushless DC versions to suit a wide range of applications. Output shaft length and diameter can be designed to suit individual customer requirements.

Part Number	Voltage	Speed
MELFBD4.024V	24vdc	4RPM
MELFBD4.124V	24vdc	4.1RPM

## Pump Motors



IN STOCK - READY TO DESPATCH		
Part Number	Description	List Price
RPM110316.02	180w, 220v, 50Hz, 1380 RPM	£86.93

## 230V RPM Motors

Part Number	Specification
RPM110388.02	250w / 1/3hp / 240v / 50hz / Con. rated
RPM110316.02	180w / 1/4hp / 220v / 50hz / Con. rated
RPM110515.04	150w / 1/5hp / 240v / 50hz / Fan cooled / Con. rated
RPM110515.02	150w / 1/5hp / 240v / 50hz / Fan cooled / Con. rated / Splash proof
RPMC0130.00	80w / 1/8hp / 240v / 50hz / Con. rated
RPMC0087.08	187w / 230v / Fan Cooled / Gaggia pump motor / Splash proof
RPMC0107.00	150w / 1/5 hp / 240v / 50hz / Inter. rated / 6uf capacitor
RPMC0107.08	150w / 1/5 hp / 230v / 50hz / Inter. Rated / 8uf capacitor
RPMC0222.00	60w / 230v / Agitator Motor

## 110V RPM Motors

Part Number	Specification
RPM110437.01	245w / 1/3 hp / 110v / 60hz / Con. rated
RPM110533.01	220w / 1/3 hp / 110v / 60hz / Pump Motor / 1600rpm

The RPM range of motors which are compatible with all leading makes of pumps including Procon, Fluid-O-Tech and NU.ER.T.

Con - Continually Rated  
Inter - Intermittently Rated

For volume discounts please contact our sales office: **01367 711908**

Prices subject to change.

## Square Frame Condenser Fan Motors



- A range of industry standard motor and fan motor systems. The motors are all the same form, single phase, shaded pole construction with closed aluminium end shield Long life aluminium bearings ensure durability and low noise
- The range consists of several variants with identical mounting configurations and different power ratings
- The fan blades are of aluminium construction designed for both forward and reverse air flow

## IN STOCK - READY TO DESPATCH

Part Number	Description	List Price
PACYZF10-20	7W CE Condenser Fan Motor 220v	£13.14
PACYZF16-25	16W CE Condenser Fan Motor 220v	£11.16

Part Number	Power (W) Output	Power (W) Input	Current	Speed (r/min)	A	B	C	D	E	F	Fan Size
PACYZF5-13	5	33	0.20	1300	13	16	41	85	49	-	200
PACYZF10-20	10	40	0.35	1300	20	20	45	99	49	-	230
PACYZF16-25	16	60	0.50	1300	25	20	45	99	49	-	250
PACYZF25-40	25	75	0.50	1300	30	20	45	105	49	26	250

## Performance Parameters

Rated Voltage:	220 – 240, 50/60 Hz
Speed:	Nominal 1300 RPM
Insulation:	Class BB
Protection:	Impedance and thermostat
Temp Range:	-30° C + 50°C
Approvals	VDE certified and confirms to European norms EN 60-335.2.24, EN 60-335.1

## Applications include:

Compressor cooling on refrigeration systems and general air movement

## Aluminium Blades

Rotation of motors	Blower type	Suction type	Motor type	Pressure mm / Water	Capacity M3/h	Input Watts	Dia.	Angle
HE15026AP	15026 AA		CE5	2	80	26	150	26°
HE17026AP	17026 AA		CE5	2	130	26	170	26°
HE20026AP	23026 AA		CE7	2	260	26	200	26°

Other Sizes available on request (230, 250 and 350 mm)

Order online [www.abbeychart.co.uk](http://www.abbeychart.co.uk)

## Round Frame Condenser Fan Motors



Regal manufacturing Ltd.

Formally known as A.O Smith and Magne Tek Universal Electric.

Particularly suited to the needs of air movement duties, Regal motors are used extensively in the air conditioning, refrigeration, heating and ventilating markets.

The versatile nature of the designs make the motors a popular choice with manufacturers and users of business machines, door opening devices, pumps, laboratory and medical equipment, and many other types of product.

Part Number	Rotation (Shaft End)	Watts Output	RPM	Amps	'A' Dim (Inches)	'W' (Inches)	Wt (Kgs)
GA25R **	CCW	5	1250	.23	2.6	36	1.2
GA27R	CCW	7	1250	.26	2.6	18	1.2
GA29R	CCW	9	1300	.29	2.83	18	1.29
GA212R #	CCW	12	1275	.33	3.31	18	1.7
GA214R **#	CCW	14	1250	.42	3.01	64	1.7
GA215R #	CCW	15	1275	.39	3.31	18	1.8
GA218RPS #	CCW	18	1275	.48	3.31	18	1.86

GA25R mounts by 3 studs on 2.812" PCD

# Minimum order quantity 50

\*\* GA214R mounts by 3 studs on 2.812" PCD

## Agitator Motors



- 2 Pole Shaded motors for continuous duty Nickel plated Stack
- Water proof coil (plastic & resin filling)
- Electric supply over 700 mm length 3 core cable
- Stainless steel shaft—AISI304 430 dia. 4.5 or 6.0 mm
- Nylon propeller blades

IN STOCK - READY TO DESPATCH

Part Number	Description	List Price
CRT-MIX30	220V, 50Hz Agitator Motor	£31.96

Part Number	Description	Voltage
CRT20	Agitator Motor 20mm stack	230V
CRT-MIX30	Agitator Motor 30mm stack	230V

Please contact us for different voltage, shaft length and supply cord information.