

# Low Voltage DC Motors

## Model ZYT60 - ZYT120 DC MOTORS

The ZYT Permanent Magnet Motor series offers power upto 1.1Kw with a range of voltage from 12V to 240V.

The most competitive DC geared motor on the market can be supplied with or without our ruggedised die-cast aluminium or composite material (high strength plastic) wormwheel gearboxes.

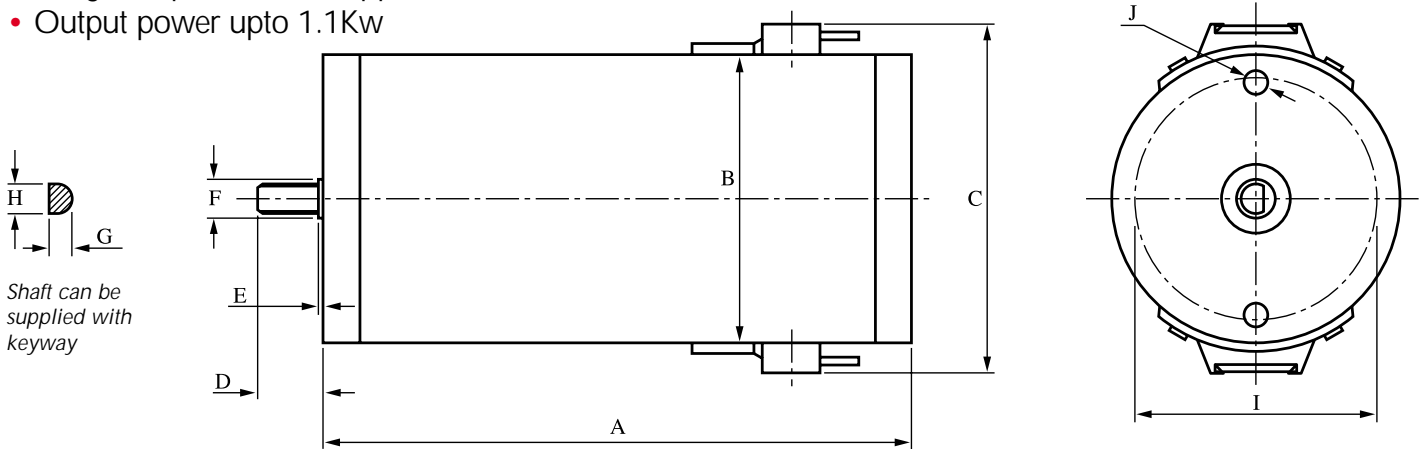
The new ZYT PM Motor range can be supplied with customised shafts to suit any application.

### Applications include:

- Golf carts/Buggies/Go-carts
- Electric vehicles
- AGV's
- Motorised shopping trollies
- Mobility vehicles
- Winches
- Hoists

### Options

- Voltage range 12V to 240V DC
- Range of speeds to suit application
- Output power upto 1.1Kw



	A	B	C	D	E	F	G	H	I	J
ZYT60	127	60	76	32	2	8	6	8	48	2-M5
ZYT63	-	63	76	32	2	8	6	8	48	2-M5
ZYT70	155	70	92	32	2	8	6	8	56	2-M6
ZYT73	-	73	92	32	2	8	6	8	56	2-M6
ZYT80	147	80	98	32	2.5	9	7	8	70	4-M6
ZYT90	-	90	108	32	2.5	9	7	9	80	4-M6
ZYT110	210	110	110	30	2.5	14	-	14	85	4-M6
ZYT120	250	120	120	30	3.0	-	-	14	92	4-M6

Torque Nm	Speed (rpm)	Current (A)	Power (Kw)
0.4	2500±10%	6.5	0.1
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0.5	3200±10%	11.5	0.17
0.5	3200±10%	11.5	0.17
0.8	2800±10%	13.5	0.24
0.8	4700±10%	23	0.4
2.3	3000±10%	38	0.72
4.8	3000±10%	50	1.1

N.B. Motors supplied with IEC standard flanges B5, B14, etc.

Individual detailed drawings available on request

Model	Alternative Length (A)		
	/1	/2	/3
ZYT63	100	113	127
ZYT73	145	155	165
ZYT90	154	199	-

### Options include:

- Customised shafts to suit any application
- Reversible Rotation
- Replaceable or Integral Brushes
- Class B or F Insulation
- High quality ball bearings
- Operating Temperature -20°C to +40°C
- Parking Brake 12V & 24V DC
- Sealed or Ventilated Housing
- Manual Released Brake Option
- Suitable for variable speed drives
- With Spade or Flying Leads and optional connectors

N.B. stall torque = 2.5 x continuous rated torque • All dimensions in millimetres • Drawings not to scale • MCP reserve the right to change specifications