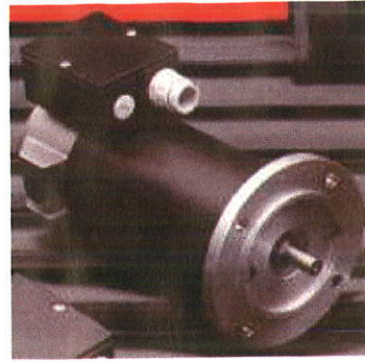


MOTOR POWER COMPANY



PENTA
D.C. Motors

The PENTA range of d.c. permanent magnet motors is manufactured with the highest quality materials, using the most advanced technological processes. PENTA motors have been designed and built after a careful analysis of the industrial automation sector: a market where the major factors are determined by specific targets, such as: price to quality, price to performance and price to service ratios.

Motor Power Company have achieved these aims to their customer's great satisfaction, offering standard off-the-shelf products for their specific application requirements.

- High coercive ferrite permanent magnet field
- IP54 protection
- Low noise
- Insulation class F
- Output shaft bearing sideways locked to avoid end floats
- Seat for oil-seal standard
- Copper-silver Commutator
- Skewed armature for higher linearity
- Long life brushes easy to replace
- Tacho, encoder, brake mounting options available
- Customised executions

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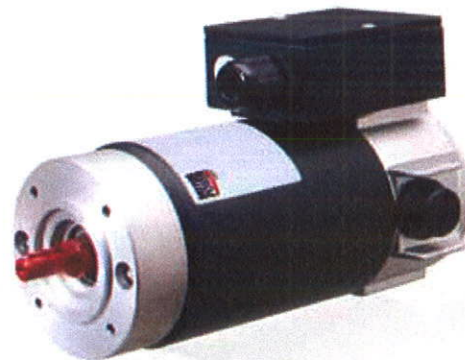
Direct current motors **PENTA**

A range of direct-current motors with power, reliability and durability feature. Using only top-quality materials, **PENTA** is ideal for variable-speed handling applications. Available with a wide range of windings, as well as different mechanical configurations and options, PENTA is flexible and adaptable to an extremely wide variety of specific needs.

Feature

45 1500Watt power
IP54 protection
Class F insulation
Permanent magnets in ferrite
Options: tacho generator, brake, encoder
CE certified

Motor type	Power watt		Torque at rated speed (Nm)	Voltage (Vdc)	Constructive range			Ventilation		Dimensions (mm)	
	3000 Rpm	2000 Rpm			B3	B5	B14	Natural	Fan cooled	Diameter	Length
PENTA 1S PENTA 1M PENTA 1L	45 70 95		0.14 0.22 0.30	24 48	• • •		• • •	• • •		57.8	109.5 136 183.5
PENTA 4S PENTA 4M PENTA 4L	300 600 900	200 400 600	0.95 1.9 2.86	12 180 24 180 24 180	• • •	• • •	• • •	• • •		116	197.5 227.5 257.5
PENTA 5X PENTA 5XS PENTA 5S PENTA 5SL PENTA 5M PENTA 5L	100 150 200 300 360 500	70 100 135 200 240 335	0.32 0.48 0.64 0.96 1.15 1.6	12 180 12 180 12 180 24 180 36 180 48 180	• • • • • •	• • • • • •	• • • • • •	• • • • • •		83.5	144.5 177.5 212.5 229 267.5 322.5
PENTA 5XA PENTA 5XSA PENTA 5SA PENTA 5SLA PENTA 5MA	150 235 300 440 565	100 155 200 290 375	0.48 0.75 0.96 1.4 1.8	12 180 24 180 24 180 36 180 48 180	• • • • •	• • • • •	• • • • •	• • • • •		107	189.5 222.5 257.5 274 312.5
PENTA 7SA PENTA 7MA PENTA 7LA	750 1100 1500	500 750 1100	2.4 3.5 4.8	90 180 90 180 110 180	• • •	• • •	• • •	• • •		116	318 390 462



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