



Magnets for motors and actuators

Technical Information Sheet

HIGH PERFORMANCE MAGNETIC MATERIALS

ECONOMIC MAGNETIC MATERIALS

	NEODYMIUM	COMPRESSED PLASTO-NEODYMIUM	SAMARIUM	FLEXIBLE PLASTO-NEODYMIUM	ALNICO	INJECTION MOULDED PLASTO-MAGNET	FERRITE	FLEXIBLE PLASTO-FERRITE
SPECIFICATIONS								
ENERGY PRODUCT UP TO... (KJ/M3)	366 KJ/M3	335 KJ/M3	240 KJ/M3	68 KJ/M3	92 KJ/M3	50 KJ/M3	40 KJ/M3	14 KJ/M3
TEMPERATURE RANGE UP TO MAX.	220 °C	180 °C	350 °C	120 °C	500 °C	120 °C	300 °C	80 °C
FLEXIBLE				•				•
TYPES OF MAGNETISATION	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL	BIPOLAR, MULTI-POLE, RADIAL, DIAMETRAL	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL	AXIAL, BIPOLAR, MULTI-POLE	AXIAL, DIAMETRAL	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL, HALBACH	AXIAL, BIPOLAR, MULTI-POLE, CIRCULAR
ACID PROOF					•		•	
WATERPROOF					•		•	•
FIRE PROOF					•		•	
GREASE AND OIL PROOF	•	•	•			•	•	
OPTIONALS								
Zn COATING	•							
Ni COATING	•		•					
NiCuNi COATING	•							
NiCuNi + EPOXY COATING	•							
NiCuNi + Sn COATING	•							
PASSIVATED	•							
POLISHED							•	
DOUBLE-SIDED ADHESIVE FILM	•		•	•	•		•	•
CUSTOMISED LOGO	•	•	•	•	•			•
TYPES OF APPLICATION								
AC/DC and PM motors	•	•	•			•	•	
Brushless motors	•	•				•		
Gearless motors	•	•	•		•		•	
Motors for household appliances	•	•	•	•	•	•	•	
Power tool motors	•		•		•	•	•	
Gear motors	•	•	•		•		•	
Induction motors	•		•		•		•	
Linear actuators	•			•			•	•
Step motors	•		•			•		
Electric pumps	•	•	•	•	•	•	•	•
Electric fans	•	•	•	•	•	•	•	•
Sensors	•	•	•	•		•		
Tachymeter dynamos	•	•	•	•		•		
Starter motors	•	•			•		•	
Generators	•			•	•		•	
Electro spindle motors	•	•	•	•	•		•	
Torque motors	•	•	•				•	