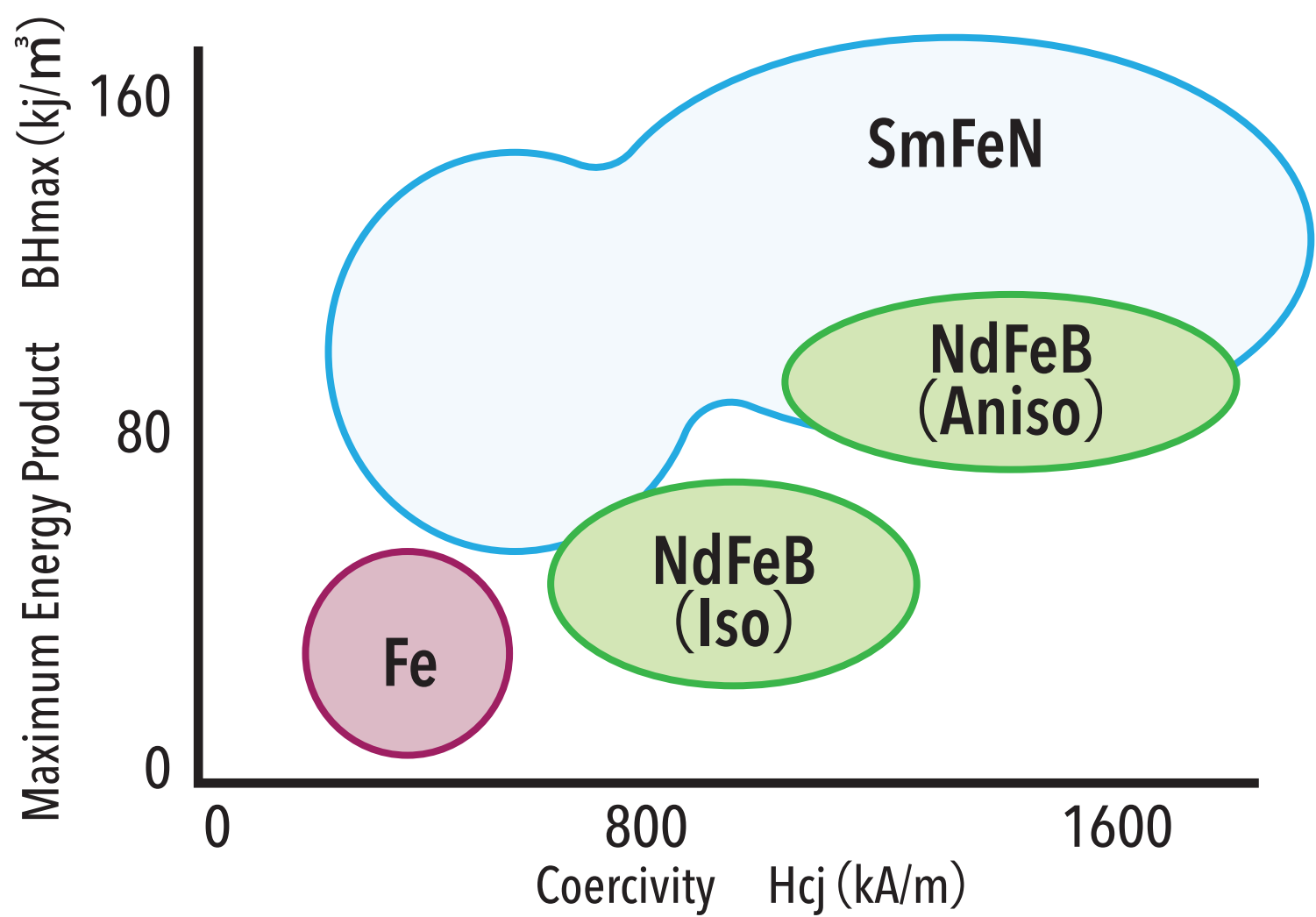


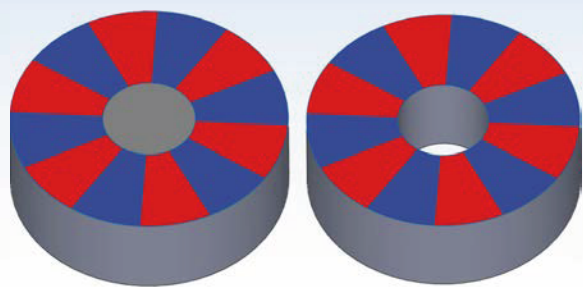
The Range of Magnetic Products

	Resin-base	BHmax (kJ/m ³)
Fe	PA6 PA12 PPS	10~18.5 (Anisotropic)
Nd	PA12 PPS	33~76.6 (Isotropic) 80~117 (Anisotropic)
SmFeN	PA12 PPS PP	99~145 (Anisotropic)

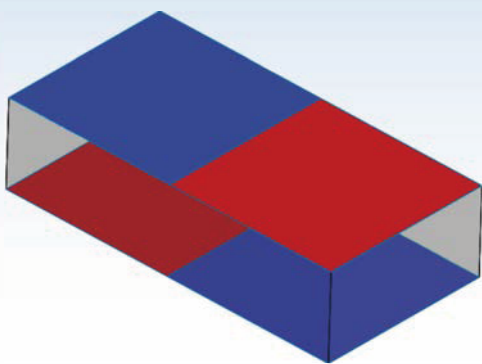
Magnetic Property Map of Bonded Magnets



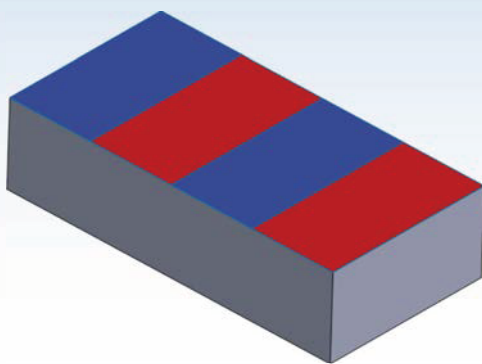
Types of Magnets That Can Be Manufactured



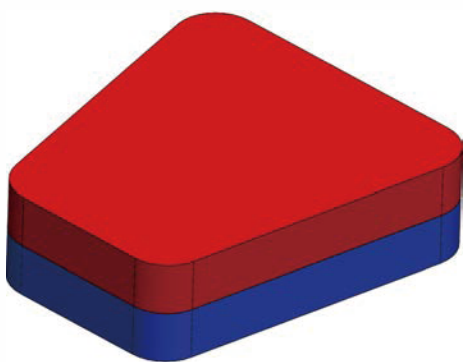
Cylinder,Tube
One-Sided Magnetization



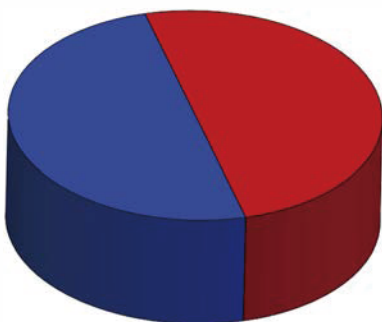
Rectangular prism
Double-Sided Magnetization



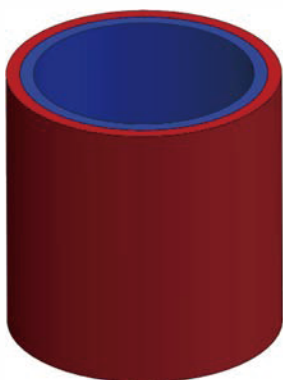
Rectangular prism
One-Sided Magnetization



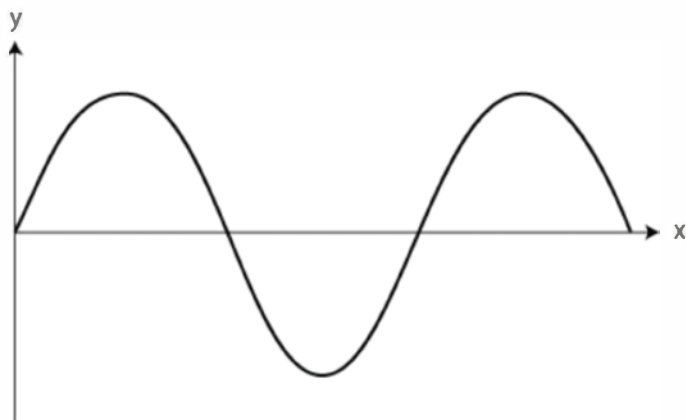
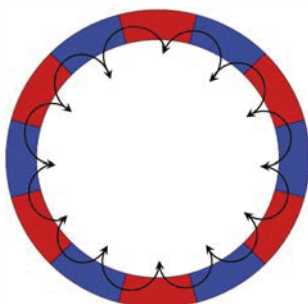
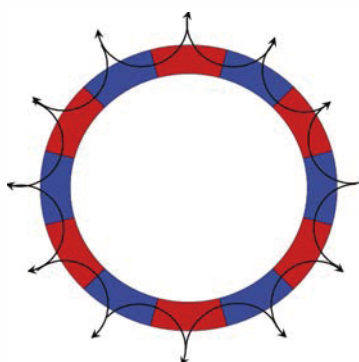
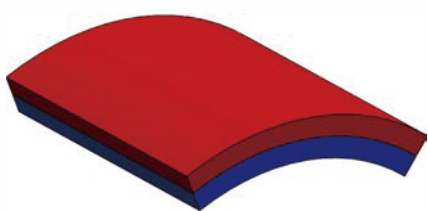
Thickness Direction



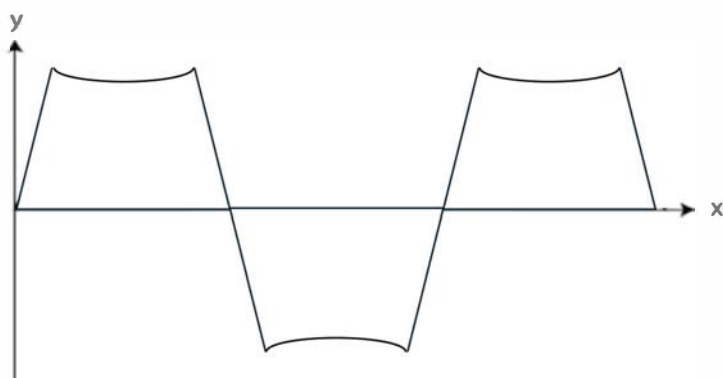
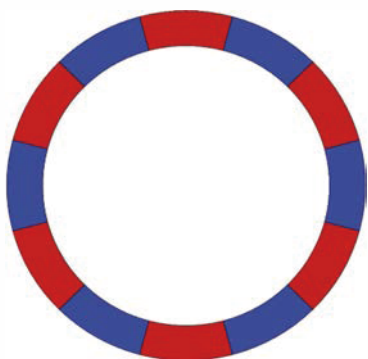
Diametral direction



Radial Direction



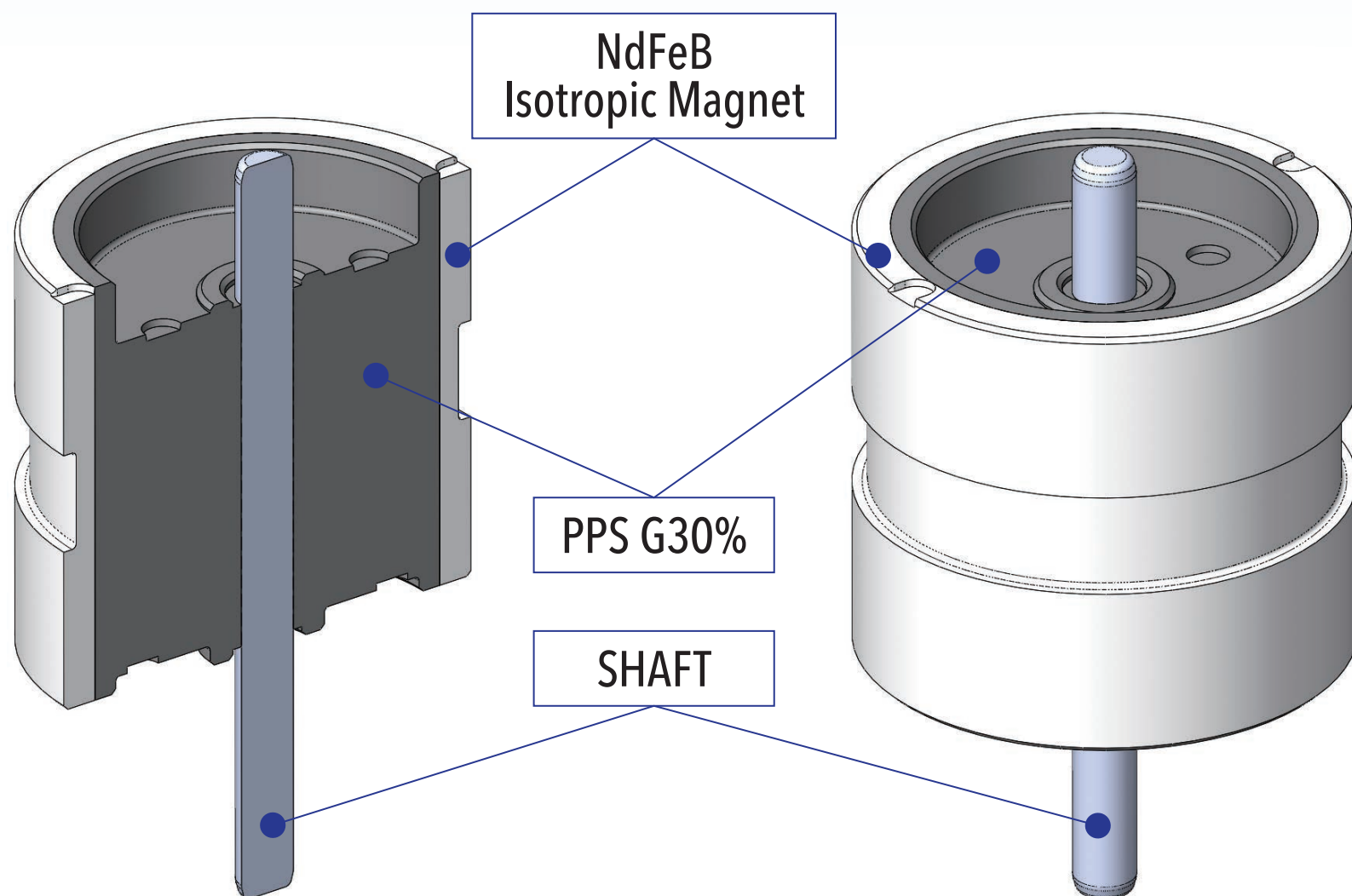
Anisotropic Magnetization : Magnetic waveform sine wave



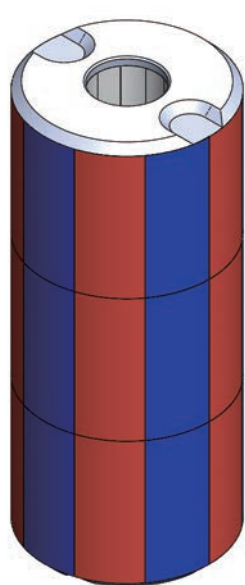
Radial Direction:Magnetic waveform square wave

The Range of Magnetic Products

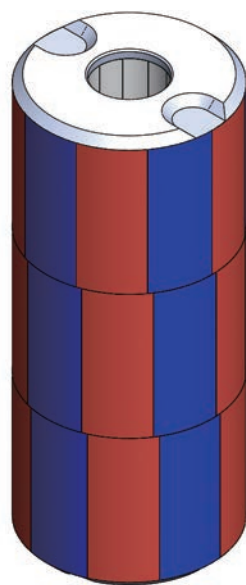
Two-material Injection Molding



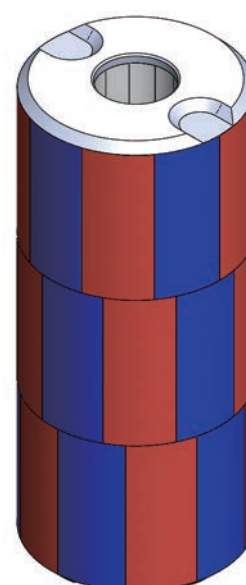
Skew Anisotropic Bonded Magnet



Non-Skew

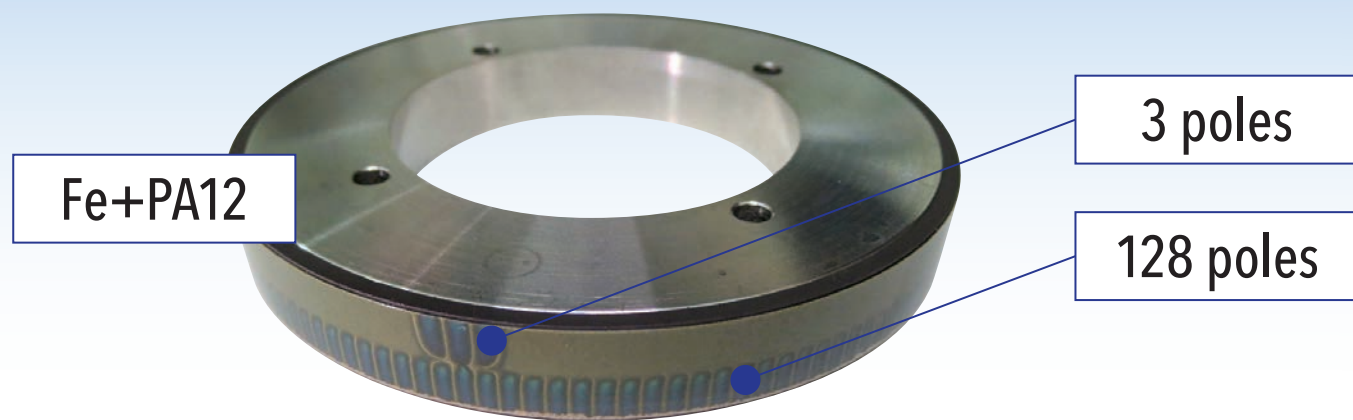


Skew 3°

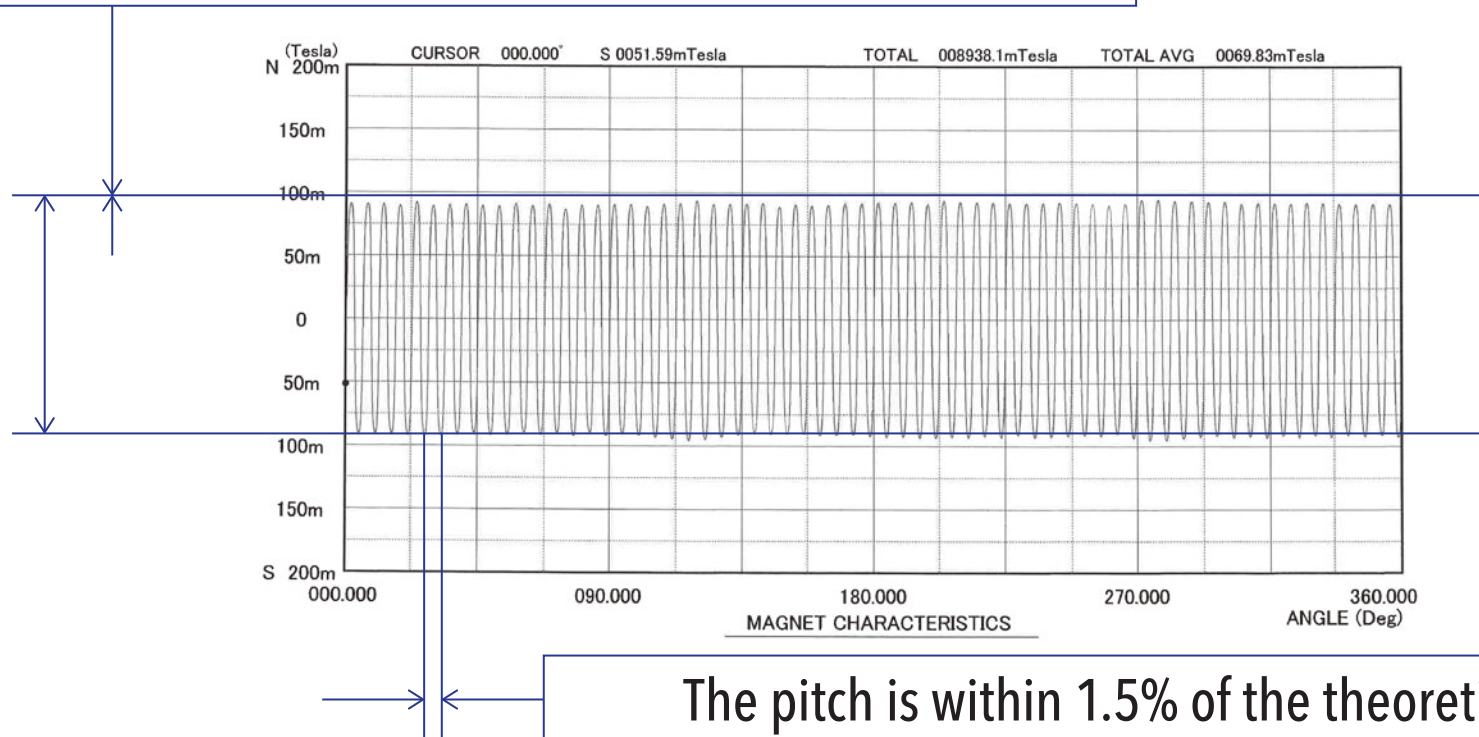


Skew 11°

Magnet for Encoder

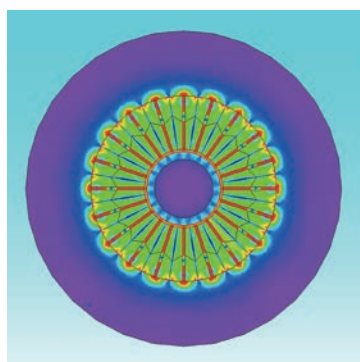


Each peak value is within 3% of the mean value



The pitch is within 1.5% of the theoretical value

Comparison Between the Simulation Results and Actual Measurements Results



Using J-MAG

