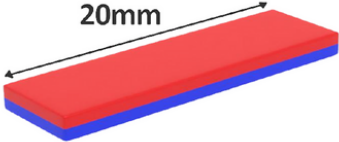


Product Specification Sheet

DATA SHEET ISSUE DATE: 28/02/2024

PRODUCTS COVERED: L20mm × W6mm × T1.5mm Samarium Cobalt

PROPERTY	VALUE
Material	Samarium Cobalt (SmCo)
Shape	Block
Length	20mm
Width	6mm
Thickness	1.5mm
Tolerance in Size	-/+0.1mm
Magnetisation Direction	Thickness Magnetised
Weight	1.35g
Manufacturing Method	Sintered
Grade	Sm2Co17
Max. Working Temperature	300°C - 350°C
Curie Temperature	700°C - 800°C
Residual Magnetism (Br)	10.71 KGS
Coercive Field Strength (bHc)	10.53 KOe
Coercive Field Strength (iHc)	22.41 KOe
Energy Product (BH) max	28.69 MGOe



This product is manufactured adhering to RoHS and REACH environmental standards, ensuring responsible use of materials and a reduced ecological footprint. The specified magnet dimensions are crafted with precision; however, the magnetic performance may vary in application due to the influence of geometric factors and operational environment. Our commitment to excellence guarantees that each magnet delivers optimal performance while upholding the highest benchmarks of quality and sustainability.