

JCN52-DSC18-3 Specification Sheet

Product Specifications

Dimensions:	18mm x 3mm thick
Tolerances:	Tolerances $\pm 0.1\text{mm} \times \pm 0.1\text{mm}$
Material:	NdFeB, Grade N52
Plating/Coating:	Ni-Cu-Ni (Nickel)
Magnetization Direction:	Axial (Poles on Flat Ends)
Surface Field*:	2340 Gauss
Max Operating Temp:	176°F (80°C)
Brmax:	14,800 Gauss
BHmax:	52 MGOe

* Field results are obtained from calculations with lab testing. The results are the surface field values at the surface of the magnet, centered on the axis of magnetization.

Performance (Approx. Pull Force)

Magnet to a Steel Plate: 10.71 LB
Between 2 Steel Plates: 40.34 LB
Magnet to Magnet: 10.71 LB

Different configurations of magnets and surrounding ferromagnetic materials may substantially alter your pull force results.

