



## DX03-N52 Specification Sheet

### Product Specifications

Type: DISC  
Dimensions: 1 dia x 0.1875 thk (in)  
Tolerance: All dimensions  $\pm 0.004$  in  
Material: NdFeB, Grade N52  
Plating: NiCuNi  
Max Op Temp: 176°F (80°C)  
Br max: 14,800 Gauss  
BH max: 52 MGOe



### Performance Specifications

Pull Force, Case 1,  
Magnet to a Steel Plate: 27.8 lb  
Surface Field: 2598 Gauss

Surface Field values are derived from calculation and verification with experimental testing. These values are the field values at the surface of the magnet, centered on the axis of magnetization. Measurement of the B field with a magnetometer may yield varying results, depending on the geometry of your sensor. Pull Force values are based on extensive product testing in our laboratory. Different configurations of magnets and surrounding ferromagnetic materials may substantially alter your results.