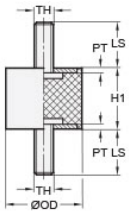
VMDSC100-55-M16-55-S

Ruland VMDSC100-55-M16-55-S, Vibration Isolation Mount, 100mm OD, M16 Threaded Studs, 41mm Stud Lengths, 55mm Height, 55 Shore A Natural Rubber Jacket, Stainless Steel





Description

Ruland VMDSC100-55-M16-55-S is a vibration isolation mount with two threaded studs. It has a 100mm outside diameter, M16 threaded studs, 41mm stud lengths, and 55mm height. This vibration isolation mount is used to dampen shock loads and reduce noise and wear on industrial equipment such as motors, conveyors, compressors, fans, or pumps which allows for a safer and more pleasant working environment. It is often referred to as a sandwich mount or rubber buffer because it functions as shock or vibration isolator sandwiched between two machine components or surfaces. VMDSC100-55-M16-55-S can be mounted to the system by passing it through an unthreaded hole and securing with a nut or threading it directly into tapped holes on the components it will be mounted to. The rubber jacket is made from natural rubber which has good elasticity. It has 55 Shore A hardness for a balance of rigidity and shock absorption. The stainless steel body allows for increased corrosion resistance. VMDSC100-55-M16-55-S is manufactured by Otto Ganter, inventoried by Ruland, and RoHS3 compliant.

Product Specifications

Outer Diameter (OD)	3.94 in (100 mm)	**Height (H1)**	2.17 in (55 mm)
Thread (TH)	M16 x 2.0	**Plate Thickness (PT)**	0.12 in (3 mm)
Stud Length (LS)	1.61 in (41 mm)	**Spring Rate**	5424.64 lb/in (950 N/mm)
Shore Hardness	55A (+/- 5)	**Max Deflection**	0.54 in (13.7 mm)
Max Axial Load	2940.5 lb (13080 N)	**Geometry**	Cylindrical
Rubber Material	Natural Rubber	**Metal Material**	Stainless Steel
Metallic Body Finish	Bright	**Country of Origin**	Hungary
Weight (lbs)	2.045900	**UPC**	634529235027
Tariff Code	4016.99.6000	**UNSPC**	31162804
Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
Prop 65	⚠**WARNING** This product can expose you to chemicals including Soots and Nickel (metallic), known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.		