

22000 MOUNT SERIES

Low-profile, high capacity mounts for vibration and shock protection.

APPLICATIONS

- Truck, bus and marine engines
- Generators
- HVAC equipment
- Electronic equipment
- Truck cabs
- Machinery, pumps & compressors

FEATURES

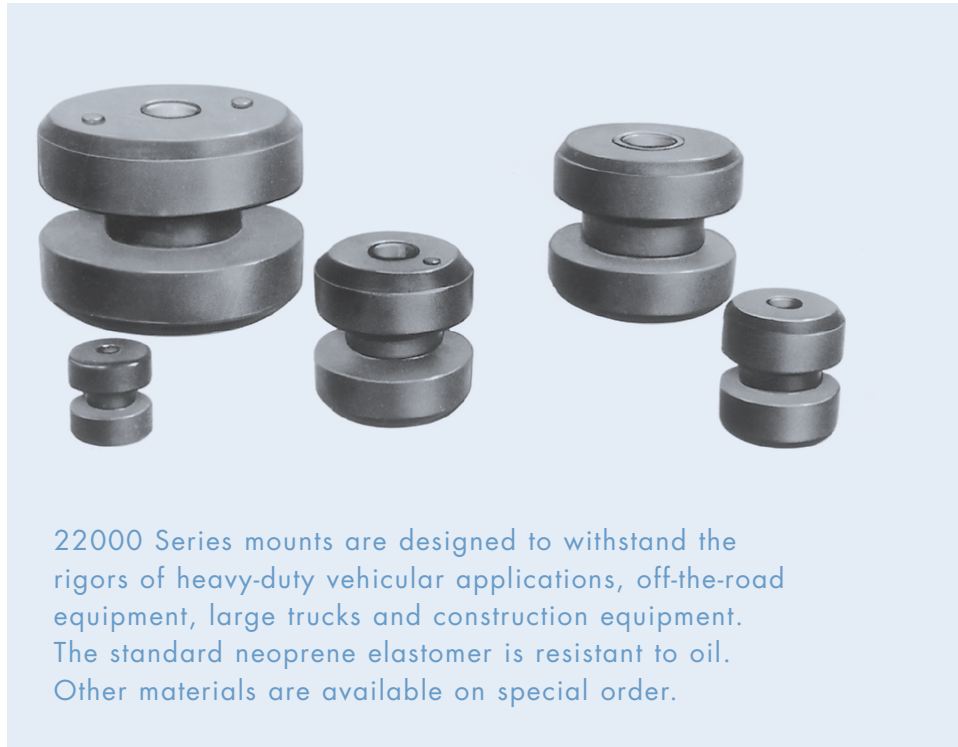
- Fail-safe when used with snubbing washer
- Axial to radial stiffness of 1:1
- Low natural frequency
- Sturdy, reliable construction

BENEFITS

- Economical
- Bonded construction provides constant performance characteristics
- Overlapping load ranges

LOAD RANGE

- 5 sizes with 25 load ratings to 4,560 lbs. per isolator



22000 Series mounts are designed to withstand the rigors of heavy-duty vehicular applications, off-the-road equipment, large trucks and construction equipment. The standard neoprene elastomer is resistant to oil. Other materials are available on special order.

Specifications

• Natural Frequency	8-18 Hertz
• Transmissibility at resonance	8:1
• Resilient Element	Neoprene
• Standard Materials	Steel
• Weight	See dimensional drawings

Environmental Data

- Neoprene elastomer has an operating temperature range of -20°F to +180°F (-30°C to +82°C) and is resistant to oils, most solvents and ozone.
- Special elastomers and finishes are available for applications in severe environments.

22000 MOUNT SERIES:

Static Load Ratings & Installation Data

Rated Static Load Per Mount ★												
Isolator		Thick Center Mounting Structure (Recommended)				Thin Center Mounting Structure (Optional)				Bolt Information		
Axial (Neoprene)	Color Code (Neoprene)	Plate Thickness	Axial Load (lbs)	Radial Load (lbs)	Axial Nat. Freq. @ Rated Load	Plate Thickness	Axial Load (lbs)	Radial Load (lbs)	Axial Nat. Freq. @ Rated Load	Size	SAE Grade	Max. Torque Dry (ft-lbs)
22001-11	Red & White	.375"	40	20	15 Hz	-	-	-	-	.375"	5	30
22001-12	Yellow & White		90	30			-	-	-			
22001-13	Green & White		140	40			-	-	-			
22001-14	Blue & White		250	50			-	-	-			
22001-15	Purple & White		300	60			-	-	-			
22002-11	Red & White	.563"	130	50	12 Hz	.500"	60	40	15 Hz	.500"	8	120
22002-12	Yellow & White		175	65			120	80				
22002-13	Green & White		240	90			160	125				
22002-14	Blue & White		380	165			210	180				
22002-15	Purple & White		630	280			380	280				
22003-11	Red & White	.875"	210	90	11 Hz	.750"	90	70	15 Hz	.625"	8	220
22003-12	Yellow & White		350	140			150	105				
22003-13	Green & White		490	225			225	160				
22003-14	Blue & White		860	385			325	245				
22003-15	Purple & White		1330	690			500	360				
22004-11	Red & White	1.125"	270	135	10 Hz	1.000"	150	110	15 Hz	.875"	8	600
22004-12	Yellow & White		510	230			300	220				
22004-13	Green & White		770	345			400	300				
22004-14	Blue & White		1170	590			500	400				
22004-15	Purple & White		2100	975			600	580				
22005-11	Red & White	1.25"	1140	240	10 Hz	1.000"	300	150	15 Hz	1.000"	8	900
22005-12	Yellow & White		1930	340			500	220				
22005-13	Green & White		2580	610			700	300				
22005-14	Blue & White		3540	890			900	470				
22005-15	Purple & White		4560	1410			1200	660				

*Ratings are for general industrial applications. For heavy-duty applications, please call Barry Controls Application Engineering at 1-800-BARRY MA.

Labels: Snubbing Washer, Mounting Hole \varnothing "A", Radius "R" (Required), Isolated Structure

Part #	(\varnothing "A")	"R"
22001	.75	.04
22002	1.25	.06
22003	1.50	.09
22004	2.25	.12
22005	2.50	.12

Labels: Isolated Equipment, Support Structure, Snubbing Washer

22000 MOUNT SERIES:

Dimensions

