

ISOLATOR PROPERTIES MATRIX

Product*	Page Number	Load Range (lbs)	Natural Frequency	All Attitude	1:1 Stiffness	Primary Application	Specialty
Cupmounts	131	0-1800	High	Yes	Yes	Vibration	Low-profile, rugged
S-Mounts	137	0.3-45	Low	No*	No	Vibration	Air-damped
L-Mounts	140	0.4-40	Low	No*	No	Vibration	Friction-damped
H-Mounts	146	0.3-40	Low	No*	No	Vibration	Friction-damped
T-Mounts	150	0-150	High	Yes	Yes	Vibration	Low-profile, rugged
B-Mounts	154	0-40	Mid/High	Yes	Yes	Vibration	Friction-damped
ME Series	163	0-10	Mid	No	No	Vib/Shock	Low-profile, buckling
TTA Mounts	166	0-15	Mid	No	Yes	Shock	Buckling
TTB Mounts	168	0-30	High	No	No	Shock	Buckling
HTTA Mounts	170	0-20	Mid	No	No	Shock	Buckling
VHC Mounts	172	0-145	Mid	No	No	Shock	Buckling
Cablemounts	231	0-1800	Low/Mid	Yes	No	Shock	High-Temperature
2K Mounts/Systems	174	1-6000	Low/Mid	No*	No	Vib/Shock	Two-stage isolation
GB530 Mounts	178	0-1322	Low	No	No	Vib/Shock	Buckling, high capacity
Barryflex (GBCO) Mounts	180	0-40	Mid	No	No	Shock	Buckling
Stabl-Levl (SLM)	107	0-19200	Low	No*	Yes	Vibration	Pneumatic mount
LM and LMS Leveling Mounts	110	0-13000	Mid	No*	No	Vib/Shock	Built-in Leveling
633A Series	116	0-260	Low/Mid	No	No	Vibration	
Industrial Machinery Mounts	119	0-4400	Low/Mid	No	No	Vibration	
30005 Series Neoprene Pads	123	0-50 (psi)	High	No*	No	Vibration	
6300/6550 Series	185	0-18	Mid/High	Yes	Yes	Vibration	Low-profile
E21/E22	188	0-10	High	Yes	Yes	Vibration	Low-profile grommet
5200 Series	191	0-50	High	Yes	No	Vibration	Low-profile grommet
6820 Series	194	0-80	Mid	Yes	No	Vibration	Low-profile
500 Series	69	0-2700	Mid	No	Yes	Vibration	Rugged
500SL Series	78	0-920	Mid	No	No	Vibration	Low stiffness ratio
HR Series	82	0-420	Mid	No	No	Vibration	High stiffness ratio
22000 Series	87	0-4500	Mid	Yes	Yes	Vibration	Low-cost, rugged
Barry-Bond Mounts	93	0-2100	Mid/High	No	No	Vibration	Low-cost
Industrial Conical Mounts	99	0-1146	Mid	No	No	Vibration	Rugged
Cylindrical Stud-Mounts	201	0-260	Low/Mid	No	No	Vib/Shock	Very Low-cost
W Series Ring and Bushing	213	0-350	Mid	No	No	Vibration	All Elastomer
Ball Mounts	219	0-9	Mid	No	No	Vibration	Light loads, low-cost
ES Series Elastomer Springs	125	0-14794	-	No*	No	Shock	Motion control

Key:

Frequency

Low: 10 Hz and below
 Mid: 10 Hz to 20 Hz
 High: 20 Hz and above

All Attitude

“Yes” means isolators can carry static load in any direction.
 * indicates base loading only.

1:1 Stiffness

Refers to axial-to-radial stiffness ratio.

Primary Application

This indicates the type of environment that this mount was primarily designed for. In most cases, each series can be compatible with both shock and vibration environments.

‡This matrix includes all general-purpose isolators in this catalog. There may also be specialty isolators that were designed specifically for your application. Please refer to the “Specialty Isolators” Section on page 243 of this catalog.