

# LEVELING MOUNTS

## Features

- High level of shock & vibration isolation
- Full inch of elastomer for controlled deflection
- Leveling bolt adjusts height up to a full half inch above load
- Sturdy, reliable construction

## Benefits

- Economical
- Extends machinery life
- Wide load range available

## Load Range

- 7 sizes with load ratings to 13,000 lbs. per isolator

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



Barry Leveling Mounts are ideal for protecting heavy industrial equipment and machinery such as CNC machines, punch presses, drill presses, sanders, saws, injection molding and many other types of industrial equipment.

## Applications

- Punch Presses
- Milling Machines
- Drilling Machines
- Lathes
- Grinders
- Boring Machines
- Jig Borers
- Die casting machines
- Riveters
- Sanders
- Saws
- Screw machines
- Shapers
- Injection Molding

NATURAL FREQUENCY	12-18 Hertz
TRANSMISSIBILITY AT RESONANCE	8:1
RESILIENT ELEMENT	LM0-B + LM1-B Neoprene LM3-B through LM9-B Nitrile
WEIGHT	See load range chart

## Environmental Data

- Nitrile and Neoprene elastomers have an operating temperature range of -20°F to +180°F (-29°C to +82°C) and are resistant to oils and most solvents.

# Leveling Mounts

## Dimensions & Performance Characteristics

LEVELING MOUNT SERIES LOAD RATING & DIMENSIONAL DATA

Part #	Load Range Rating (lbs.)	Base (Inches)		Bolt (Inches)		Weight
		Outside Dia. (A)	Free Height (B)	Size	Length	
LM0-B	30-100	2	1	.25-28	1.75	4 ozs.
LM1-B	100-300	3.125	1.50	.375-24	3	1 lb. 4 ozs.
LM3-B	300-1,000	4.75	1.50	.50-13	5	2 lbs. 5 ozs.
LM5-B	1,000-4,200	6.312	1.625	.75-10	5	5 lbs. 2 ozs.
LM6-B	4,000-10,000	7.25	1.61	.75-10	5	7 lbs. 6 ozs.
LM7-B	4,000-13,000	9	2.50	1-14	8	12 lbs. 14 ozs.
LM9-B*	4,000-13,000	9	2.25	1-14	8	12 lbs. 11 ozs.

\* LM-9B should be substituted for LM-7B in applications with heavy horizontal forces.

For punch press applications between 150-300 SPM, reduce load rating of each mount by 50%. Above 300 SPM, please call Barry Controls applications engineering at 1-800-BARRY-MA.

METRIC LEVELING MOUNT SERIES LOAD RATING & DIMENSIONAL DATA

Part #	Load Range Rating (lbs.)	Base (Inches)		Bolt (Inches)		Weight
		Outside Dia. (A)	Free Height (B)	Size	Length	
LM0-MB	30-100	2	1	M6-1	30 mm	4 ozs.
LM1-MB	100-300	3.125	1.50	M10-1.5	75 mm	1 lb. 4 ozs.
LM3-MB	300-1,000	4.75	1.50	M12-1.75	127 mm	2 lbs. 5 ozs.
LM5-MB	1,000-4,200	6.312	1.625	M20-2.5	127 mm	5 lbs. 2 ozs.
LM6-MB	4,000-10,000	7.25	1.61	M20-2.5	127 mm	7 lbs. 6 ozs.
LM7-MB	4,000-13,000	9	2.50	M24-3	200 mm	12 lbs. 14 ozs.
LM9-MB*	4,000-13,000	9	2.25	M24-3	200 mm	12 lbs. 11 ozs.

\* LM-9B should be substituted for LM-7B in applications with heavy horizontal forces.

For punch press applications between 150-300 SPM, reduce load rating of each mount by 50%. Above 300 SPM, please call Barry Controls applications engineering at 1-800-BARRY-MA.

# Optional Bolts & Bushings for Leveling Mounts

## Ordering Information

OPTIONAL BOLTS WITH NUTS		
Part#	Comes Standard w/:	Size (in.)
2099-02000/1	LM3-B	3/8-16x5
100551-01000/1		1/2-13x5
2099-12000/1		1/2-13x8
2099-16000/1		1/2-13x10
2099-07000/1		5/8-11x5
2099-10000/1	LM5-B/LM6-B	5/8-11x8
100551-03000/1		3/4-10x5
2099-11000/1		3/4-10x8
2099-09000/1		3/4-10x10
100551-19000/1		1-14x5
100551-16000/1	LM7-B/LM9-B	1-14x8
2099-29000/1	LM0-B	1/4-28x1-3/4
2099-30000/1	LM1-B	3/8-24x3

OPTIONAL BUSHINGS FOR MOUNTS:		
Part#	Designed for Mount:	Size (in.)
101056-01801	LM5-B/LM6-B	3/4-10 to 3/8-16
101056-02801	LM5-B/LM6-B	3/4-10 to 1/2-13
101965-03801	LM7-B/LM-9B	1-14 to 1/2-13
101965-02801	LM7-B/LM-9B	1-14 to 5/8-11
108213-03801	LM7-B/LM-9B	1-14 to 3/4-10

# Metric Bolts & Bushings for Leveling Mounts

## Ordering Information

METRIC BOLTS w/NUTS		
Part#	Designed for Mount:	Size (in.)
2099-39000/1	LM0-MB	M6-1 x 1.181 (30 mm)
2099-40000/1	LM1-MB	M10-1.5 x 2.953 (75 mm)
2099-44000/1	LM3-MB	M12-1.75 x 5 (127 mm)
2099-43000/1	LM5-MB/LM6-MB	M20-2.5 x 5 (127 mm)
2099-41000/1	LM7-MB/LM9-MB	M24-3.0 x 7.874 (200 mm)

