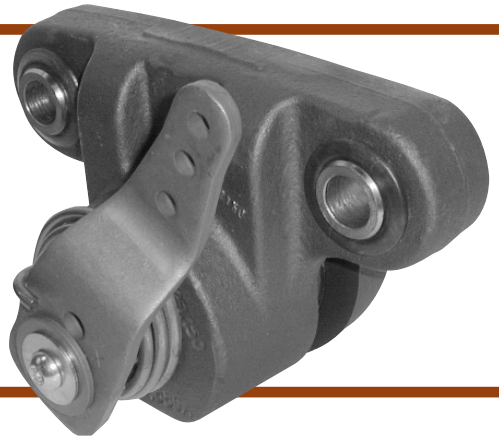
MECHANICAL BRAKE

SECONDARY STOP OR PARK

M90



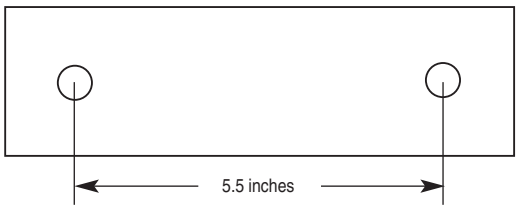
FEATURES:

- Capable of 9,000 lbs. of clamp force.
- One piece cast iron housing.
- Efficient ball ramp actuation.
- Sealed actuation mechanism.
- High coefficient friction material.
- Durable, low cost mount with sealed bushings.
- Pads changed by removing one mount bolt.
- Capable of parking a wide range of vehicles.
- Choice of CW or CCW lever actuation.

TYPICAL SPECIFICATIONS:

Series	M90
Rotor Diameter	10 to 18 in.
Rotor Thickness	0.375 to 1.00 in.
Maximum Lever Force @ 4" Hole	500 lbs.
@ 3.325" Hole	600 lbs.
Maximum Lever Stroke	120 degrees
Lining Type	non asbestos organic or sintered
Total Lining Area	9 sq. in.
Usable Lining Thickness Per Pad	0.125 in.
Lever Positions	30 degree increments
Weight	13 lbs.

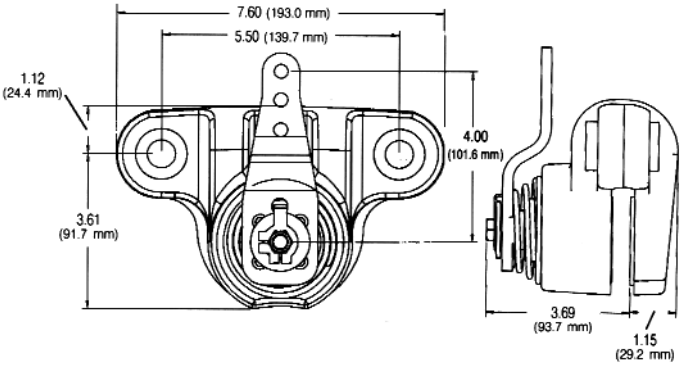
MOUNT PLATE CONFIGURATION:



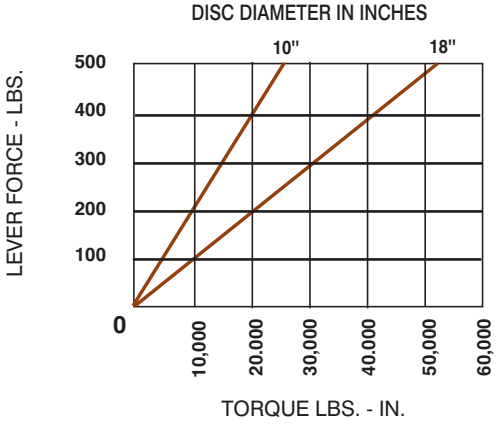
M16 x 1.50
or 5/8 - 18
Threaded Holes

Specifications are guidelines only and subject to change. Consult HB for specific model, part number and assembly drawings.

REFERENCE DIMENSIONS:



TORQUE INFORMATION:



Formula $T = 36.0\,\mu F \left(\frac{DIA}{2} - 1.0\right)$ for 4.0" Lever

T = developed torque in lbs.-in.
F = applied lever force in lbs.

DIA = diameter of rotor in inches
μ = friction coefficient, assume 0.35

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