

MECHANICAL BRAKE

MEDIUM DUTY SIDE LEVER ACTUATED

2510M

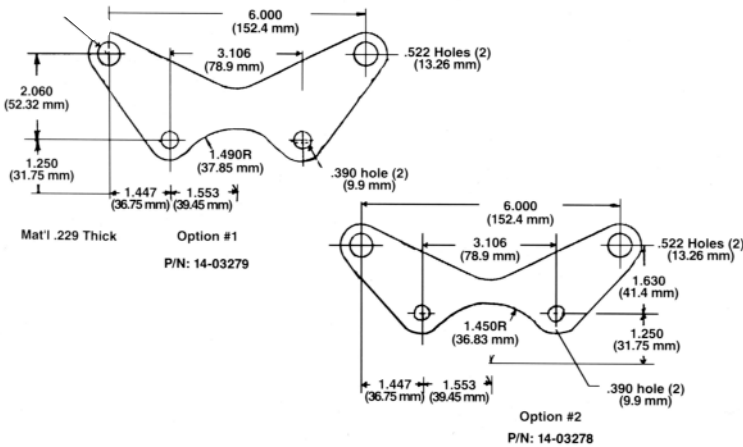
FEATURES:

- Capable of 2,500 lbs. of clamp force.
- Economical heat treated stamped steel construction
- Zinc finish resists rust and corrosion.
- Large friction area for extended pad life.
- Choice of CW or CCW lever actuation.
- Can be fixed or floating mounted.
- Mount Bracket optional, consult HB for available options.

TYPICAL SPECIFICATIONS:

Series 1110M
 Rotor Diameter 5.00 to 8.50 in.
 Rotor Thickness 0.156 to 0.375 in.
 Maximum Lever Force @ 4.00" Hole 250 lbs.
 Lining Type non asbestos organic or sintered
 Total Lining Area 11 sq. in.
 Usable Lining Thickness Per Pad 0.130 inch
 Weight Without Bracket 2.8 lb.

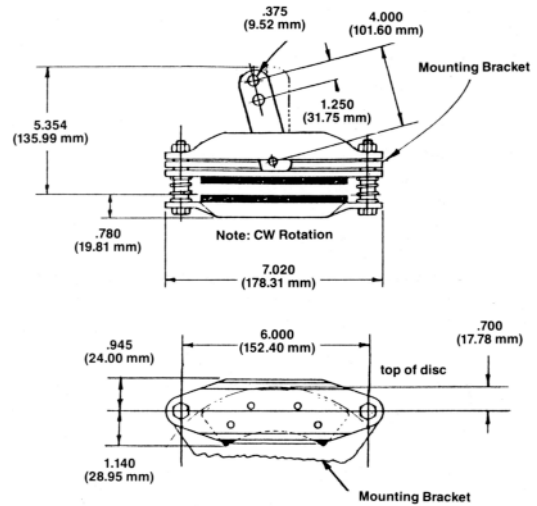
AVAILABLE BRACKET OPTIONS:



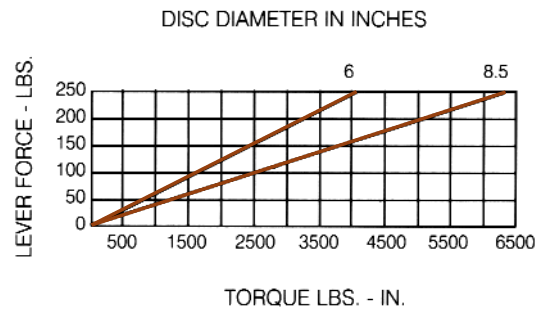
Specifications are guidelines only and subject to change. Consult HB for specific model, part number and assembly drawings.



REFERENCE DIMENSIONS:



TORQUE INFORMATION:



$$\text{Formula: } T = 16\mu F \left(\frac{\text{DIA}}{2} - 0.687 \right) \text{ for 4.0" Lever}$$

T = developed torque in lbs.-in. DIA = diameter of rotor in inches
 F = applied lever force in lbs. μ = friction coefficient, assume 0.35



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Printed in USA