

MECHANICAL BRAKE

COMPACT & LIGHT DUTY

310M

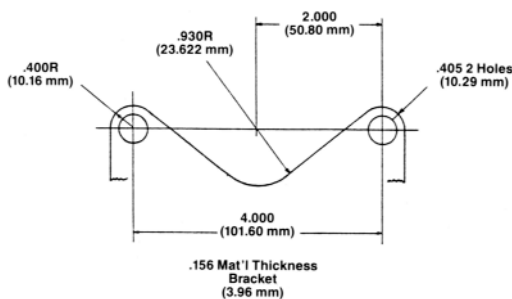
FEATURES:

- Capable of 400 lbs. of clamp force.
- Economical design ideal for low torque applications.
- Zinc finish resists rust and corrosion.
- Designed for either fixed or floating mount.
- Choice of CW and CCW lever actuation.

TYPICAL SPECIFICATIONS:

Series	310M
Rotor Diameter	4.5 to 5 in.
Rotor Thickness	0.156 to 0.188 in.
Maximum Lever Force @ 1.81" Hole	150 lbs.
Lining Type	non asbestos organic
Total Lining Area	4.875 sq. in.
Usable Lining Thickness Per Pad	0.100 in.
Lever Positions	0, 45, 120, 180, 225 or 300 degrees
Weight Without Bracket	1 lb.

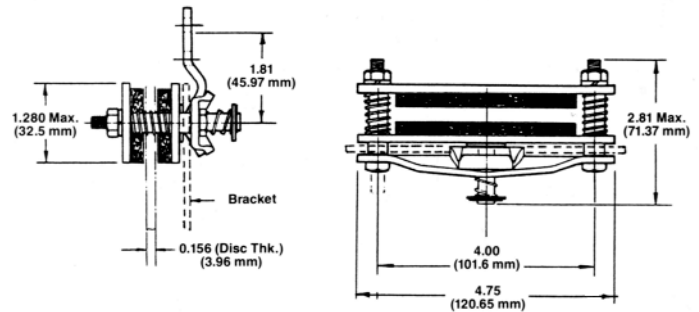
TYPICAL BRACKET CONFIGURATION:



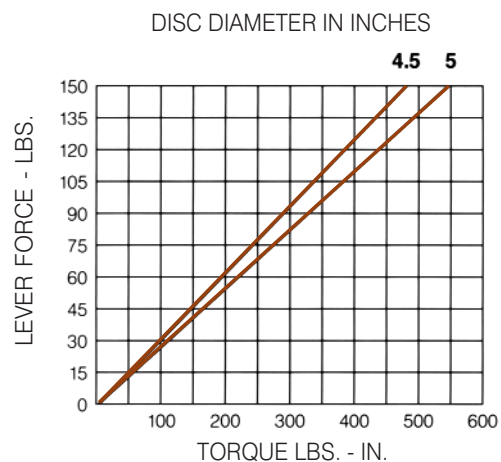
Specifications are guidelines only and subject to change. Consult HB for specific model, part number and assembly drawings.



REFERENCE DIMENSIONS:



TORQUE INFORMATION:



$$\text{Formula: } T = 5.4 \mu F \left(\frac{\text{DIA}}{2} - 0.562 \right) \text{ for 1.81" Lever}$$

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



HB Performance Systems Inc.
 5800 West Donges Bay Road
 Mequon, Wisconsin 53092
 Phone (262) 242-4300
 Fax (262) 242-0524
 www.hbpsi.com

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