

MECHANICAL BRAKE

LIGHT DUTY, COMPACT & LIGHT WEIGHT

210M

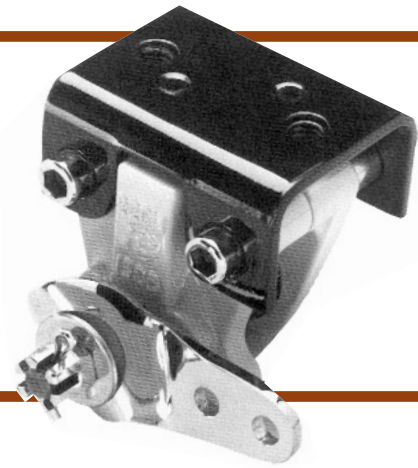
FEATURES:

- Capable of 300 lbs. of clamp force.
- Lightweight two piece die cast housing.
- Available with floating mount bracket, or can be fix mounted.
- Cable or push rod actuation.
- Available with either non asbestos organic or sintered metallic pads.
- Both CW and CCW lever actuation.

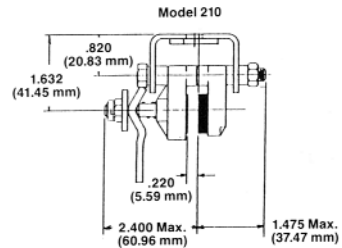
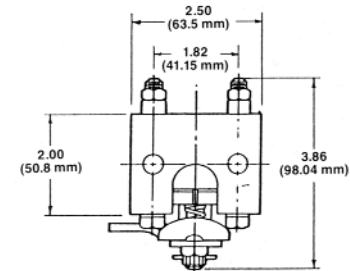
TYPICAL SPECIFICATIONS:

Series	210M
Rotor Diameter	4 in. and up
Rotor Thickness	0.120 to 0.195 inches
Maximum Lever Force @ 1.81"	75 lbs.
Lever Positions	45° increments
Lining Type	non asbestos organic or sintered
Total Lining Area.....	1.68 sq. in.
Usable Lining Thickness Per Pad	0.125 in. approx.
Mount	floating or fixed
Casting Material	aluminum
Weight With Bracket	1.1 lbs.

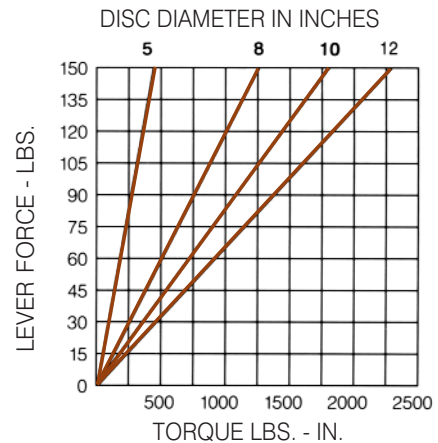
Specifications are guidelines only and subject to change. Consult HB for specific model, part number and assembly drawings.



REFERENCE DIMENSIONS:



TORQUE INFORMATION:



$$\text{Formula: } T = 8 \mu F \left(\frac{\text{DIA}}{2} - 0.625 \right) \text{ for 1.81" Lever}$$

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



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