



Hilliard® Brake Model M200H

Technical Data Sheet



M200H Brake Caliper

The Hilliard M200 brake caliper is a hydraulic applied, spring retracted brake caliper for use in heavy duty industrial applications. The brake caliper is suitable for outdoor applications and has been designed for use in many different extreme environments.

The M200 brake caliper is capable of producing a maximum 5,000 LBF (22 kN) of braking force at 1600 PSI (110 Bar) and has been designed for use in static or dynamic applications. Static applications can have up to a 50% reduction in braking force.

M200 H A AA

MODULAR SIZE

VERSIONS

H = HYDRAULICALLY APPLIED

PADS

A = Standard

SPECIAL REQUIREMENTS

AA = STANDARD PAINT (RED EPOXY / MARINE)

Braking Force: 5080 lbf @ 1600 psi / (22 Kn @ 1600 psi)

Minimum Disc Size: 12 in (304.8 mm) • Minimum Disc Thickness 1/2 in (12.7 mm)

Braking Torque (lb-ft) = $\frac{\text{Braking Force (lb)} \times (\text{Disc Radius (in)} - 1.2 \text{ in})}{12}$

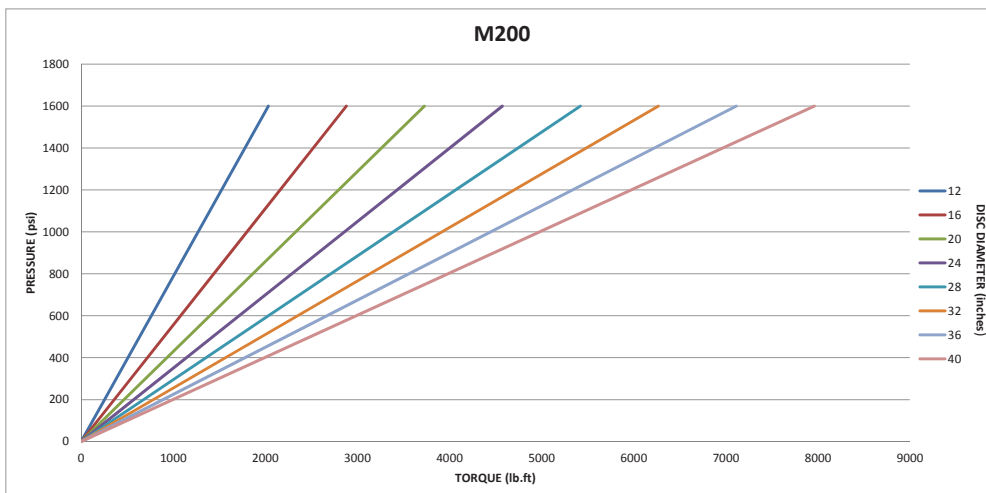
Brake Weight: 14 lb (6.35 kg)

Brake Path: 2.875 in (73 mm)

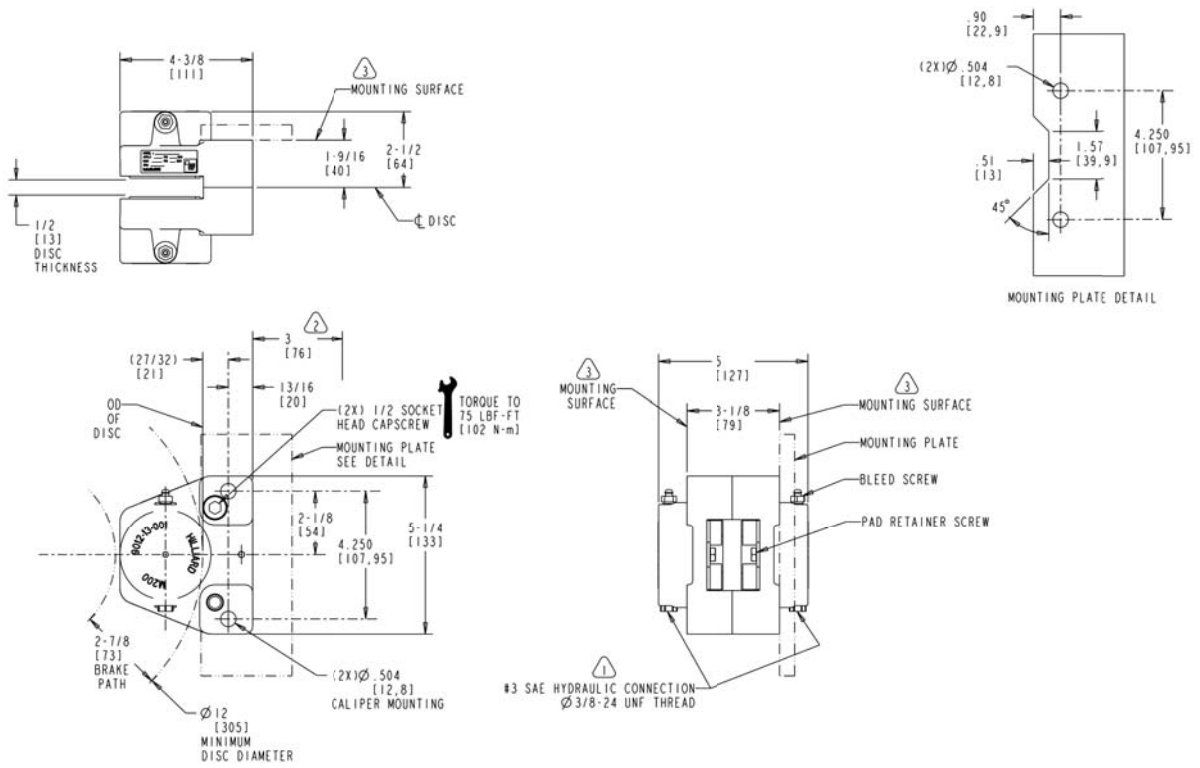
Friction Pad Area: 5.3 in² [34 cm²] (Each Pad)

Recommended Oil

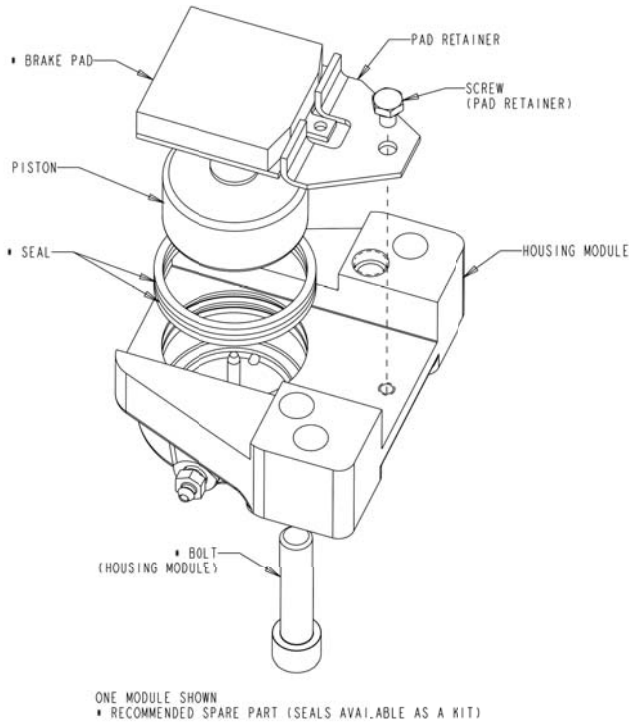
Mineral Oil or Automatic Transmission Fluid (ATF) is recommended for use with the M200H brake caliper. Do not use automotive brake fluid as this will cause seal failure.



Mounting Dimensions



M200H Exploded View



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