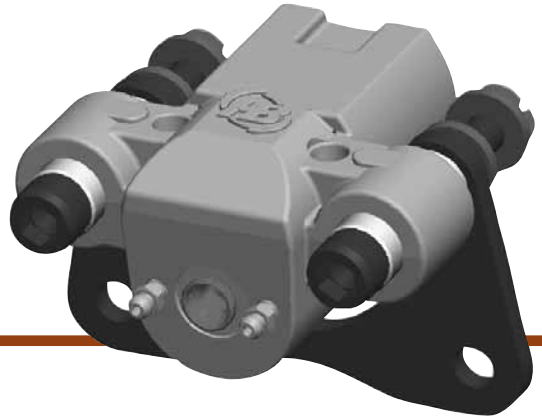
HYDRAULIC BRAKE

FLOATING MOUNT MEDIUM DUTY

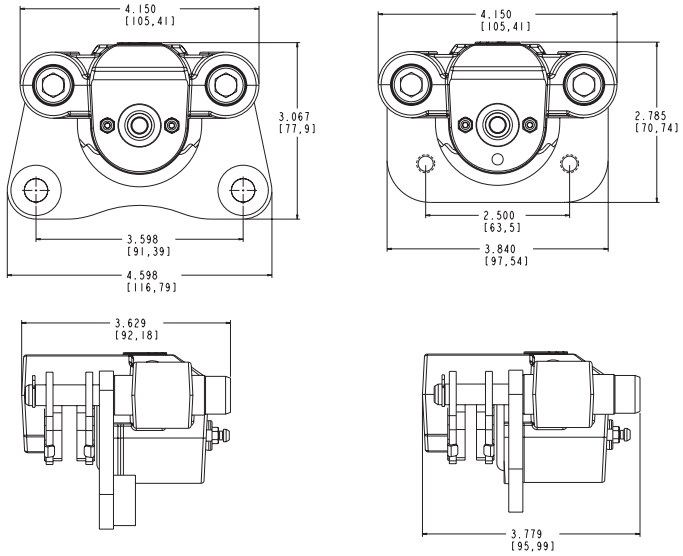
"Razorback"



FEATURES:

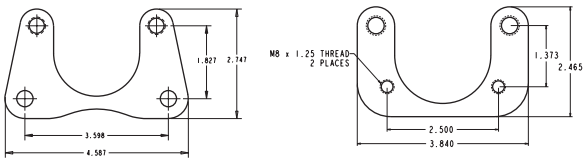
- Capable of 1,840 lbs. of clamp force.
- Compact size ideal for mounting inside the wheel.
- One piece cast aluminum housing.
- Square seal piston retraction for constant running clearance.
- Removable pad pin design for mounting ease and flexibility.
- Quick change pads with long life friction material.

REFERENCE DIMENSIONS:



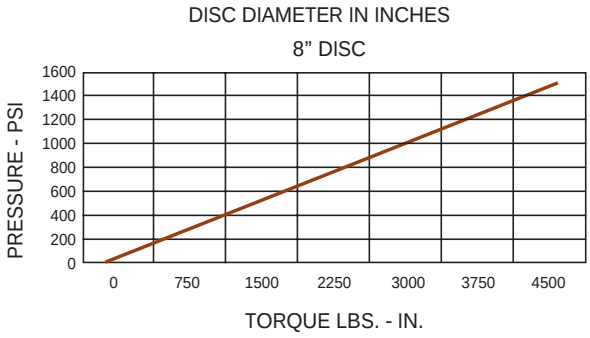
TYPICAL SPECIFICATIONS:

Series	Medium Duty Hydraulic
Rotor Diameter	6.0 to 10.0 in.
Rotor Thickness	0.156 to 0.250 in.
Piston Diameter	1.25 in.
Maximum Hydraulic Pressure	1500 PSI
Fluid Displacement @ 1500 PSI	0.025 cu. in.
@ pad wear out	0.38 cu. in.
Fluid Type	Brake Fluid DOT 3 or 4
Fluid Inlet	M10 x 1.0 Banjo Fitting
Lining Type	Sintered
Total Lining Area	4 sq. in.
Usable Lining Thickness Per Pad	0.155 in.
Weight	Approx. 1.75 Lbs.



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

TORQUE INFORMATION:



Formula: $T = 2.45\mu P\left(\frac{DIA}{2} - 0.575\right)$

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

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