Ideal for Operating Caliper Disc Brakes

The higher output pressure makes it possible to obtain the brake's high torque handling capabilities without high pressure hydraulic systems. By operating at these higher pressures, the number of calipers can be reduced.

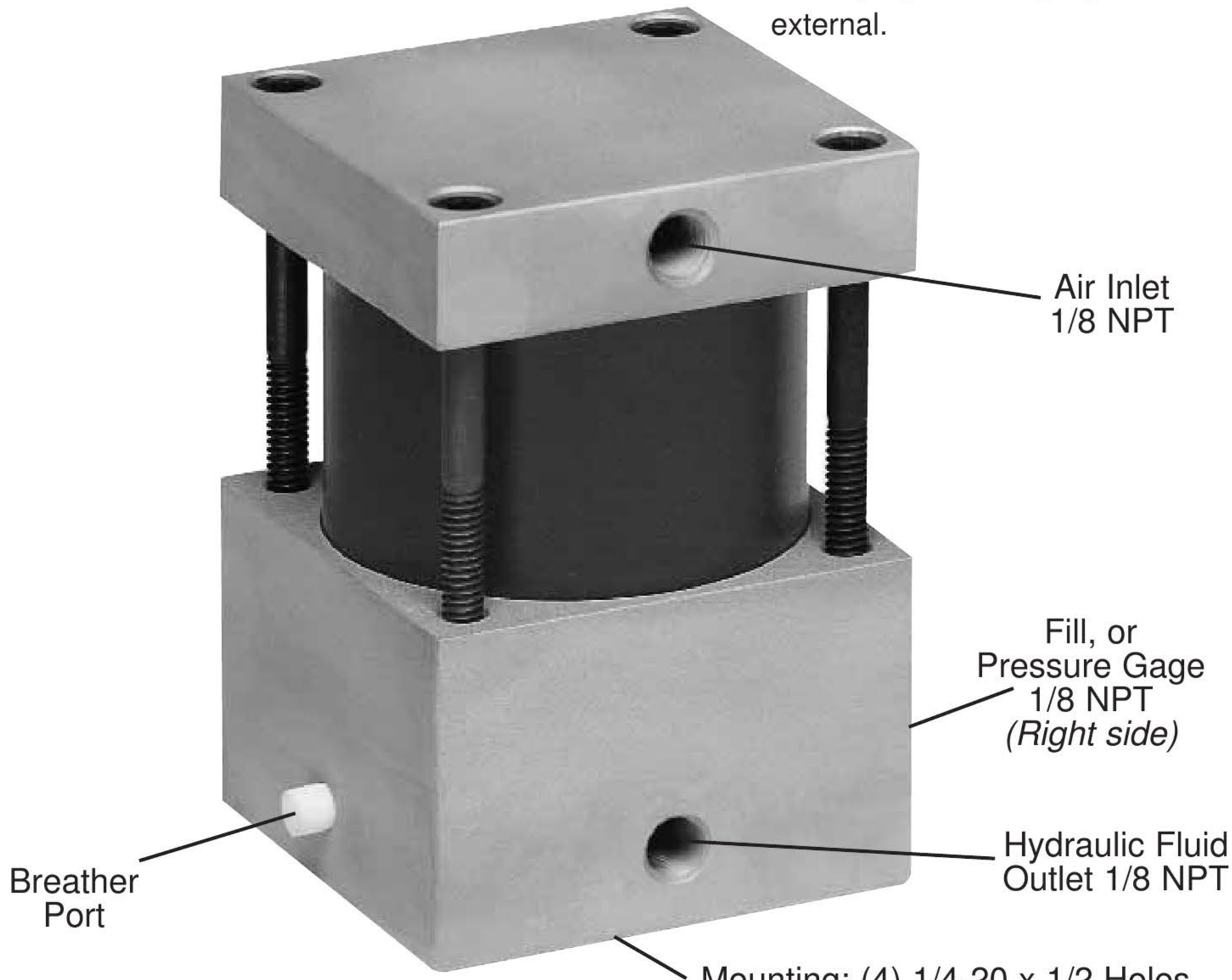
The intensifier is small, simple and inexpensive, yet operates at a 10:1 ratio of output pressure (hydraulic fluid) to input pressure (air). The displacement is 0.44 cubic inches.

The low pressure cylinder is made from hard-coated aluminum tubing for high strength and exceptionally low friction characteristics.

The low pressure piston seal is of conventional U-cup design for reliable operation.

The high pressure cylinder is made of aluminum. The high pressure piston uses an O-Ring of various compounds to be compatible with most fluids, to reduce friction and increase life to millions of cycles.

When air pressure is reduced or removed, a spring return in the booster allows the piston to retract and draw in oil from the reservoir. The spring chamber is vented to eliminate back pressure and return air is filtered to eliminate entrapment of dirt or other foreign particles. A threaded port is provided for filling or connecting a pressure gauge. Bleeding and filling are external.



Pictured: 1770-0002