



# APS Single Stage

## High Volume Booster Pump

Hale's APS series serves as the first line of defense in firefighting. Available for NFPA certification at 300, 350, 450 and 500 GPM, the APS can also provide capacities up to 700 GPM from tank. High in performance and reliability, the APS series pumps can handle most fires before the big pumper arrives.

The APS is ideal for supply lines, preconnects, and booster lines in mini-pumpers, first-out units, and tankers/tenders.

- Choice of six pump ratios — 1.64, 1.96, 2.33, 2.60, 2.91, and 3.74 to provide optimum pump performance
- Comes with spring loaded, self-lubricating, maintenance free self-adjusting mechanical pump seal
- Hard fine grain bronze mixed flow impeller design. Hand ground and balanced for maximum pump performance
- Available in engine or opposite engine rotation, with hydraulic adapter, or direct engine mount
- Easily replaceable bronze clearance rings



### Performance

Hale pumps are designed and manufactured to produce a wide range of volumes and pressures. The limits of volume and pressure you can safely obtain depend on the available power, limits of the drive components, and the water supply. Engine size, transmission and PTO torque limits or drive line components would be considerations in determining final performance. Preferred pump performance should be checked for torque compatibility with the respective manufacturers of all power or drive line components.

**Suction:** 5 inch Victaulic connection (standard).

**Discharge:** 4 Bolt, 115 series

**Volute and Head:** Heavy duty, fine grain alloy cast iron; 30,000 PSI tensile strength (Bronze Optional)

**Impeller:** Bronze enclosed, hand ground and balanced for maximum efficiency

**Gearbox Type:** Positive gear drive for low maintenance.

**Gears:** High quality, heat treated steel alloy; helical design

**Bearings:** Heavy duty precision ground for maximum performance and long life

**Gearbox Housing:** High tensile alloy aluminum