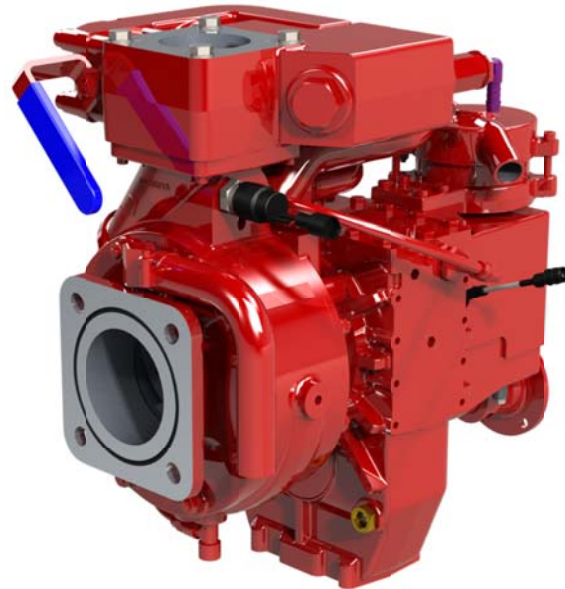




KP Series of Pumps

Data Sheet

The Hale KP series of rear or midship mounted PTO driven centrifugal fire pumps offers the ultimate in unrivalled performance up to 500 GPM because only the KP offers both a single-pressure and a multi-pressure option, reduced whole life cost of ownership, is easily installed and maintained all in the smallest, lightest package in the market.



FEATURES

Small Size

Light weight

Multi-Pressure Options

5 year maintenance interval

Single Piston Primer

Fail safe electric primer shutoff

Easily removable primer seal assembly

Symmetrical design

Three gearbox orientations

Three volute orientations on single-pressure pump

Three gear ratios

Light alloy and Bronze options

BENEFITS

• Allows room for additional equipment

• Pump can be fitted on smaller chassis

• Single-pressure pump performance to NFPA rated 500 GPM @ 150 PSI

• Multi-Pressure pump performance to NFPA rated 500 PSI @ 150 PSI while flowing 100 GPM @ 580 psi

• Reduces downtime and maintenance costs

• Simple construction for low cost of ownership, with fewer parts

• Ensures primer is not activated at higher speeds, greatly increasing the life of the primer

• Seal assembly removed by two bolts so assembly can be maintained at a work bench

• Identical plumbing can be used on engine and opposite engine rotation pumps

• Left, right, and down orientations for installation flexibility

• Left, right, and vertical orientations for plumbing flexibility

• 1.90:1, 2.33:1, 2.91:1 ratios to suit most engine and PTO applications

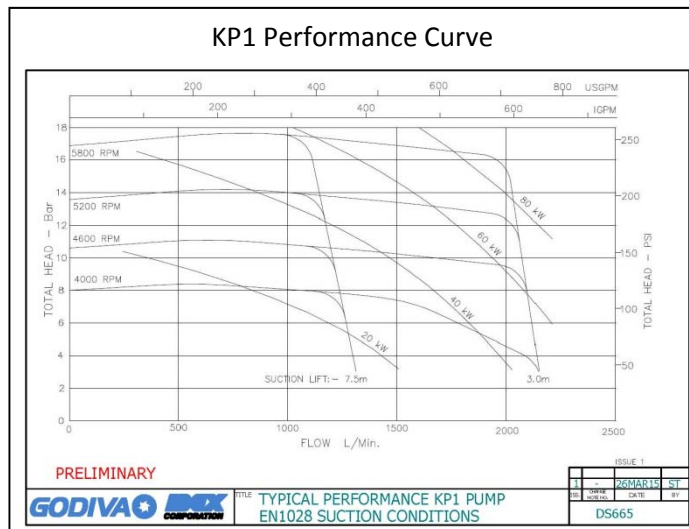
• To suit pumped water type



Performance Data	KP1	KP2
NFPA Rated Performance	500 GPM @ 150 PSI	500 GPM @ 150 PSI
Maximum output at 150 PSI	560 GPM	560 GPM
Maximum Outlet Pressure – High Pressure (EN compliance)	N/A	790 PSI
Maximum Flow – High Pressure	N/A	140 GPM
Dimensions - LxWxH (in)	19.4" x 11.8" x 18.0"	20.7" x 12.4" x 21.2"
Weight (aluminium, bronze)	115 lb, 174 lb	168 lb, 260 lb
Thermal Relief Valve Activation	108°F or 165°F	

Options:

- Aluminium and Gunmetal
- SAE 1410 and DIN 100 drive flanges
- Reverse rotation
- Foam options
- Suction flanges
- Discharge flanges
- No primer option





- Aluminium and Gunmetal
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KP2 Performance Curve

