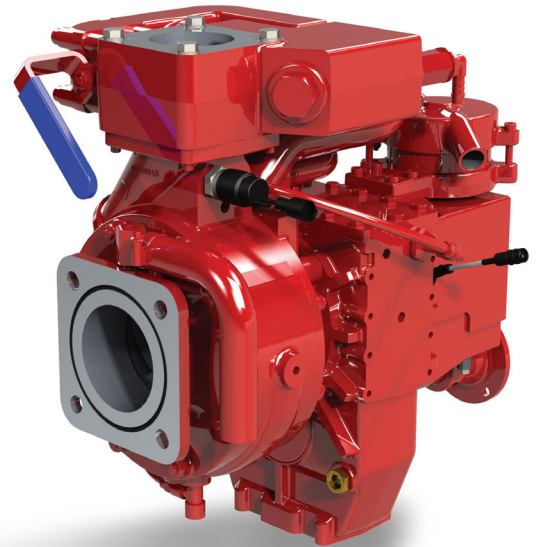




# KP Series Pumps

## Data sheet

The Hale KP series of rear or midship mounted PTO driven centrifugal fire pumps offers the ultimate in unrivalled performance up to 1500 LPM 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	Benefits
<b>Small Size</b>	Allows room for additional equipment
<b>Light weight</b>	Pump can be fitted on smaller chassis
<b>Multi-Pressure Options</b>	Normal pressure performance to EN1028 rated 1500 LPM @ 10 bar High pressure pump performance to EN1028 rated 250 LPM @ 40 bar
<b>5 year maintenance interval</b>	Reduces downtime and maintenance costs
<b>Single Piston Primer</b>	Simple construction for low cost of ownership, with fewer parts
<b>Fail safe electric primer shutoff</b>	Ensures primer is not activated at higher speeds, greatly increasing the life of the primer
<b>Easily removable primer seal assembly</b>	Seal assembly removed by two bolts so assembly can be maintained at a work bench
<b>Symmetrical design</b>	Identical plumbing can be used on engine and opposite engine rotation pumps
<b>Three gearbox orientations</b>	Left, right, and down orientations for installation flexibility
<b>Three volute orientations</b>	Left, right, and vertical orientations for plumbing flexibility (single pressure only)
<b>Three gear ratios</b>	1.90:1, 2.33:1, 2.91:1 ratios to suit most engine and PTO applications
<b>Light alloy and gunmetal options</b>	To suit pumped water type



# KP Series Pumps

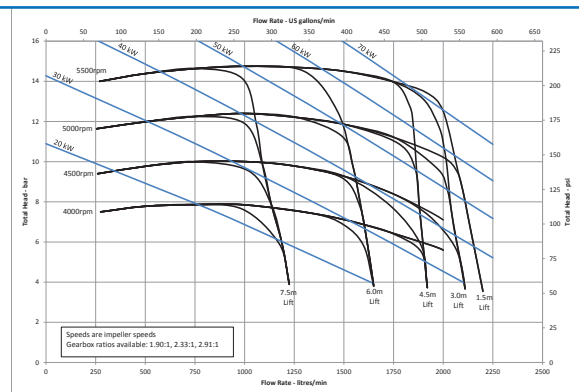
## Data sheet

Key Performance features	KP1	KP2
<b>EN1028 Rated Performance</b>	FPN 10-750 FPN 10-1000 FPN 10-1500 FPN 15-1000	FPN 10-750 / FPH 40-250 FPN 10-1000 / FPH 40-250 FPN 10-1500 / FPH 40-250 FPN 15-1000 / FPH 40-250
<b>Maximum output at 10 bar</b>	2125 l/min	1900 l/min
<b>Maximum Outlet Pressure – Low Pressure (EN compliance)</b>	17 bar	17 bar
<b>Maximum Flow – Low Pressure</b>	2200 l/min	1975 l/min
<b>Maximum Outlet Pressure – High Pressure (EN compliance)</b>	N/A	54.5 bar
<b>Maximum Flow – High Pressure</b>	N/A	550 l/min
<b>Dimensions - LxWxH (mm)</b>	493 x 300 x 457	527 x 316 x 538
<b>Weight (aluminium, bronze)</b>	52 kg, 79 kg	76 kg, 118 kg
<b>Priming time to 7.5m with 100mm suction line</b>	30 seconds	
<b>Priming Speed (recommended) – impeller rpm</b>	3000 rpm	
<b>Maximum Suction Pressure</b>	12 bar	
<b>Maximum Recommended Speed – impeller rpm</b>	6000 rpm	
<b>Minimum Idle Speed – impeller rpm</b>	1500 rpm	
<b>Thermal Relief Valve Activation</b>	42°C or 74°C	

### Options:

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

### KP1



### KP2

