



VEHICLE MOUNTED FIRE PUMPS

Normal Pressure Series

Priming

- Mechanical Reciprocating Priming (MRP)
- Intelligent Reciprocating Priming (IRP)
- Stand alone Reciprocating Priming (SRP)

Construction Material

- Aluminium Alloy
- Gun Metal
- Stainless Steel
- Combination Of Above

Basic Data	RV NP 1020	RV NP 1030	RV NP 1040	RV NP 1060
Typical Dimensions in mm (L X W X H)	740 X 460 X 645	740 X 460 X 645	740 X 725 X 680	740 X 725 X 680
Priming System	YES	YES	YES	YES
Mounting Bolt / Holes X Nos.	M16 X 4	M16 X 4	M16 X 4	M16 X 4
No. of LP Discharge Outlet Manifold	4	6	6	6
No. of HP Discharge Outlet Manifold	NA	NA	NA	NA
Oil Capacity	1 Liter	1 Liter	1 Liter	1 Liter

Technical Details

Pump Stage	1	1	1	1
Stage 1	Low Pressure	Low Pressure	Low Pressure	Low Pressure
Stage 2	NA	NA	NA	NA
Rated Performance (Low Pressure)	2000 lpm @ 10 bar	3000 lpm @ 10 bar	4000 lpm @ 10 bar	6000 lpm @ 10 bar
Rated Performance (High Pressure)	NA	NA	NA	NA
Required Power (Kw/HP) (Low Pressure)	52 kw / 70 hp	80 kw / 107 hp	97 kw / 130 hp	150 kw / 201 hp
Required Power (Kw/HP) (High Pressure)	NA	NA	NA	NA
Rated RPM (Low Pressure)	3000	3250	3000	3250
Rated RPM (High Pressure)	NA	NA	NA	NA
Limit Pressure (Low Pressure)	17 bar	17 bar	17 bar	17 bar
Limit Pressure (High Pressure)	NA	NA	NA	NA
Suction Inlet	100mm	150mm	150mm	200mm
Priming Performance Range	0 to 8 meters	0 to 8 meters	0 to 8 meters	0 to 8 meters
Recommended Priming Speed	2400 rpm	2400 rpm	2400 rpm	2400 rpm
Maximum Recommended Speed	3600 rpm	3600 rpm	3600 rpm	3600 rpm
Thermal Relief Valve Activation	50°C to 60°C	50°C to 60°C	50°C to 60°C	50°C to 60°C
Minimum Idle Speed	900 to 1000 rpm	900 to 1000 rpm	900 to 1000 rpm	900 to 1000 rpm