



## VEHICLE MOUNTED FIRE PUMPS

### Multi 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 MP 1020	RV MP 1030	RV MP 1040	RV MP 1060
Typical Dimensions in mm (L X W X H)	782 X 460 X 705	782 X 460 X 705	782 X 725 X 740	782 X 725 X 740
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	6	6	6	6
No. of HP Discharge Outlet Manifold	2	2	2	2
Oil Capacity	1 Liter	1 Liter	1 Liter	1 Liter

#### Technical Details

Pump Stage	2	2	2	2
Stage 1	Low Pressure	Low Pressure	Low Pressure	Low Pressure
Stage 2	High Pressure	High Pressure	High Pressure	High Pressure
Rated Performance (Low Pressure)	2000 lpm @ 10 bar	3000 lpm @ 10 bar	4000 lpm @ 10 bar	6000 lpm @ 10 bar
Rated Performance (High Pressure)	250 lpm @ 40 bar	250 lpm @ 40 bar	250 lpm @ 40 bar	250 lpm @ 40 bar
Required Power (Kw/HP) (Low Pressure)	67 kw / 90 hp	100 kw / 134 hp	125 kw / 168 hp	170 kw / 228 hp
Required Power (Kw/HP) (High Pressure)	90 kw / 121 hp	90 kw / 121 hp	90 kw / 121 hp	90 kw / 121 hp
Rated RPM (Low Pressure)	3000	3250	3000	3250
Rated RPM (High Pressure)	3250	3250	3250	3250
Limit Pressure (Low Pressure)	17 bar	17 bar	17 bar	17 bar
Limit Pressure (High Pressure)	54.5 bar	54.5 bar	54.5 bar	54.5 bar
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