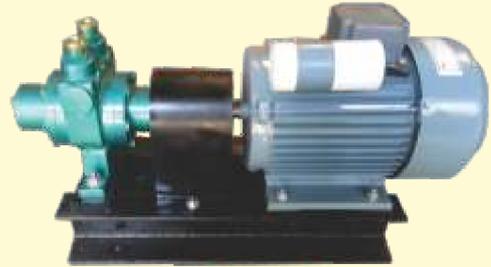


## ROTARY VANE PUMP TECHNICAL SPECIFICATIONS

- Pump Type : Rotary Vane Pump,
- Pump Make : "MALHAR"
- Pump Model : RV-1,
- Inlet x Outlet size : ½" x ½"BSP,
- Pump Capacity : 7 kg/minute,
- Maximum Pressure : 6 Kg/Cm<sup>2</sup>,
- Pump Weight : 5 kg approx (without motor)



### REQUIRED MOTOR SPECIFICATIONS

1 hp x 2900 rpm , Non Flame Proof Motor Totally enclosed Fan cooled Squirrel cage Induction Motors Horizontal Foot mounted B3 Construction, Continuously rated S1 Duty suitable for single phase , 220 volts , 50 Hz , AC Supply (110 volts or 60 Hz Available on request) with ambient 45°C & class "F" Insulation.



## ROTARY VANE TYPE PUMP

### FEATURES

Built in or External Relief Valve Various Sealing option with internal/outside mounted seals Pumps offered in Cast Iron/Cast Steel/ Stainless Steel Replacing the vane is simple and easy Vanes self adjusted for wear ensuring performance for longer duration Vanes of stainless steel, Bronze, Carbon, PTFE

Virtually pumps any liquid and handles any viscosity High pump Capacities compared to gear pumps and Lobe pumps Requires low NSPH, hence ideal for handling Liquid Gas Like LPG, Butane Wide range of capacities from 10 lpm to 5000 lpm



MODEL	INLET/OUTLET SIZE	DISPLACEMENT FOR 100 REV IN LITERS	CAPACITY 100 REV LTRS	CAPACITY AT MAX SPEED LTRS/HR
LV-15	½" X ½"	1440	1.75	1500
LV-25	1" X 1"	1440	3.4	3200
LV-40	1 ½" X 1 ½"	1440	10.3	9000
LV-2	2" X 2"	960	38	18000
LV-3	3" X 3"	960	50	28000
LV-4	4" X 4"	600	150	80000
LV-5	5" X 5"	500	240	90000
LV-6	6" X 6"	500	350	125000