



**ROVAR
PUMPS**

Pumps & beyond...



the most
dependable range of
positive displacement
pumps



Internal lobe pump RYT

Applications

Rovar internal lobe pumps are ideally suited for light viscous liquid transfer duties viz. oil circulation in forced lubrication of gear boxes, ID / FD fans & turbine bearings, as booster pump for burner & fuel injection, barrel / pouch filling units, fuel oil day tank transfer duty and PHF skids.

Typical liquid list

LDO, HSD, LSHS, lube oil, transformer oil, palm oil, shampoos, coconut oil, heat transfer liquids, etc.

Range

Capacity : upto 120 lpm
Pressure : upto 10kg / cm²
Temperature : upto 275 °C

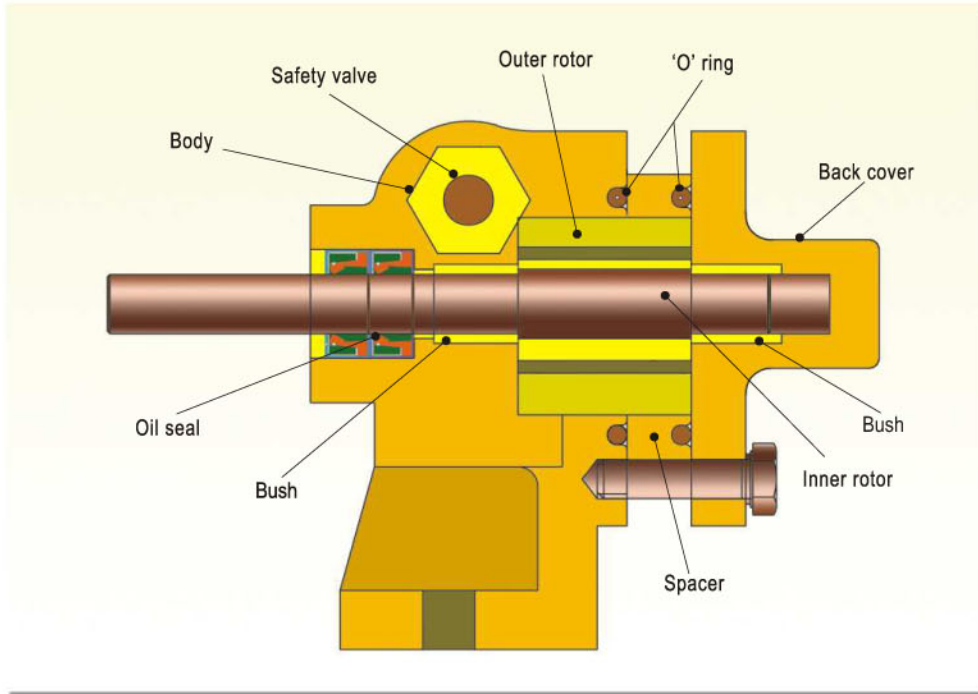
Material of construction :

Standard : casing in CI, NCI, S.G. iron,
lobe in EN-24 HG and
shaft in EN-19HG

Features

- Smooth meshing lobes ensuring minimum internal losses which results in relatively higher efficiencies and lower power consumption
- Only one shaft balanced at both ends ensures vibration free smooth running even at higher speeds
- Compact design
- Bi directional
- Built in safety relief valve
- Front pull out design for easy disassembly without disconnecting pipes
- Standard pumps are fitted with oil seals. Gland packing, mechanical seal and lip seal arrangement can be given as options
- Monobloc version upto 1" size

Cross sectional view



Performance of RYT series

Model	Pressure in kg / cm ²	2	5	8	RPM	Suc x Dis.
RYT-10	lpm / kW	11.60 / 0.21	11.20 / 0.34	10.00 / 0.44	1400	½" x ½"
RYT-20	lpm / kW	23.50 / 0.30	22.00 / 0.40	21.00 / 47	1400	¾" x ¾"
RYT-40	lpm / kW	45.00 / 0.36	41.50 / 0.68	40.00 / 0.84	1400	1" x 1"
RYT-80	lpm / kW	83.50 / 0.70	82.70 / 1.05	80.00 / 1.70	1400	1½" x 1½"
RYT-120	lpm / kW	128.70 / 1.40	125.60 / 1.90	121 / 2.30	1400	1½" x 1½"

Test oil : Lube oil. Viscosity : 40 cSt @ 38°C



Manufactured by
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The company reserves the right to change any specification without prior notice

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