

TRSE 32

Single Stage Liquid Ring Vacuum Pump



TRAVAINI



- PRESSURE RANGE** : 100 to 760 TORR
CAPACITY : 5 to 35 CFM
- FEATURES** : Single-stage rotating pump with externally located bearings grease lubricated for life
- SHAFT SEALING OPTIONS** : Mechanical seal - Double mechanical seal optional
- ACCESSORIES** : Bareshaft pump - Coupled to electric motor on baseplate - Monoblock with electric motor
- ACCESSORIES** : (Optional) Flange mounted air-liquid separator tank, non-return valve, vacuum relief valve, vacuum gauge and piped service liquid line with isolating valve, Y-strainer, 1/60/120 solenoid valve, flow regulating valve and compound gauge

TECHNICAL DATA

| PUMP TYPE | | TRSE 32-20 | | TRSE 32-50 | |
|-----------|------|------------|-------------------------|-----------------------------|-------------------------|
| | | Speed | Motor - installed power | Average service liquid flow | Noise level at 150 Torr |
| RPM | 2900 | 3500 | 2900 | 3500 | |
| HP | 1.5 | 1.5 | 2 | 3 | |
| GPM | 1.2 | 1.2 | 1.2 | 1.2 | |
| dB(A) | 69 | 70 | 69 | 70 | |
| Torr | 100 | 100 | 100 | 100 | |

Standard Materials of Construction **

| Part No. | Description | RX | RA | A3 |
|----------|------------------|-----------------------------|-----------------------------|-----------------------------|
| 106 | Suction casing | Cast iron | | Stainless steel AISI 316 |
| 107 | Discharge casing | | | |
| 110 | Impeller housing | | | |
| 210 | Shaft | Stainless steel AISI 420 | | |
| 357 | Bearing housing | Cast iron | | |
| 230 | Impeller | Stainless Steel AISI 304 | Stainless Steel AISI 316 | |

MODEL DESIGNATION

| TRSE 32 - 50 / C - M / RX | |
|---------------------------|--|
| T | Travaini manufacturer |
| R | Liquid ring pump |
| S | Single stage pump |
| E | Design number |
| 32 | Flange size (mm) |
| 50 | Nominal capacity (m³/h) |
| C | Shaft Sealing C = Mechanical seal C2 = Double mech. seal |
| M | Close-coupled construction with lantern (available upon request) |
| RX | Materials of construction (see table) |

**Special Materials Available Upon Request

- Request for information on our HYDROSYS and DYNASEAL engineered vacuum systems
- For further information please consult Premier Fluid Systems Inc.



Premier Fluid Systems
 Canadian Home Of Travaini Pumps