

TRHE100
Two-Stage
Liquid Ring Vacuum Pump



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 www.Travaini.com



| | |
|------------------------------|--|
| Pressure Range | 25 to 760 TORR |
| Capacity | 340 to 1000 CFM |
| Features | Two stage vacuum pump with external sealed bearings |
| Shaft Sealing Options | Mechanical seals (Double mechanical seals or stuffing box optional) |
| Options | Bareshaft pump Coupled to electric motor Monoblock with electric motor |
| Optional Accessories | Available as a component in larger assembly |

Technical Data

| PUMP TYPE | | TRHE100-870 | | TRHE100-1260 | | TRHB100-1600 | |
|-----------------------------|-------|-------------|------|--------------|------|--------------|------|
| Speed | RPM | 960 | 1150 | 960 | 1150 | 960 | 1150 |
| Motor - installed power | HP | 40 | 60 | 50 | 75 | 60 | 100 |
| Average service liquid flow | GPM | 25 | 25 | 25 | 25 | 25 | 25 |
| Noise level at 150 Torr | dB(A) | 77 | 82 | 77 | 82 | 77 | 82 |
| Minimum suction pressure | Torr | 25 | 25 | 25 | 25 | 25 | 25 |

Standard Materials of Construction**

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

Model Designation

| TRHE100-870/C/RA | |
|-------------------------|--|
| T | Travaini manufacturer |
| R | Liquid ring pump |
| H | Two stage Pump |
| E | Design revision |
| 100 | Flange size (mm) |
| 870 | Nominal capacity (m ³ /hr) |
| C | Shaft sealing: C = Mechanical seal C2=Double mechanical seal B = Packing seal |
| RA | Materials of construction (see table) |

**Special materials available upon request

-Request for information on our WATERSEAL and DYNASEAL engineered vacuum systems

-For further information please consult Travaini Pumps USA.

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| REF: | JGJ/RR | Date | 1/27/2015 | Nº: | 100647.000 |
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