

**TRVK 1500  
Single Stage  
Liquid Ring Compressor**



200 Newsome Drive  
Yorktown, VA 23693  
1-800-535-4243  
www.Travaini.com



|                              |  |
|------------------------------|--|
| <b>Pressure Range</b>        | 0 to 22 PSIG   |
| <b>Capacity</b>              | 510 to 1180 CFM  |
| <b>Features</b>              | Single stage vacuum pump with variable discharge ports       |
| <b>Shaft Sealing Options</b> | Stuffing box (standard)<br>Mechanical seal                   |
| <b>Options</b>               | Bareshaft pump<br>Coupled to electric motor<br>V-Belt driven |
| <b>Optional Accessories</b>  | Available as a component in larger assembly                  |

**Technical Data**

| PUMP TYPE                   |      | TRVK 1502 |     |     |     | TRVK 1503 |     |     |     |
|-----------------------------|------|-----------|-----|-----|-----|-----------|-----|-----|-----|
| Speed                       | RPM  | 565       | 590 | 660 | 740 | 565       | 590 | 660 | 740 |
| Motor - installed power     | HP   | 75        | 75  | 100 | 100 | 75        | 100 | 100 | 125 |
| Average service liquid flow | GPM  | 23        | 24  | 25  | 25  | 13        | 14  | 16  | 17  |
| Maximum Pressure            | PSIG | 21        | 21  | 21  | 21  | 22        | 22  | 22  | 22  |

**Standard Materials of Construction\*\***

| Part No. | Description      | F                        | 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         | Ductile iron             | Stainless steel AISI 316 |

**Model Designation**

| <b>TRVK 1503/1-B/F</b> |   |
|------------------------|---|
| T                      | Travaini manufacturer                                     |
| R                      | Liquid ring pump  |
| V                      | Single stage pump for high vacuum                         |
| K                      | Design revision   |
| 200                    | Flange size (mm)  |
| 2                      | Pump size   |
| 1                      | Construction modification                                 |
| B                      | Shaft sealing:<br>B = Packing seal<br>C = Mechanical seal |
| F                      | Materials of construction (see table)                     |

\*\*Special materials available upon request  
-For further information please consult Travaini Pumps USA.

|      |      |      |           |     |            |
|------|------|------|-----------|-----|------------|
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