

**TRVK 5000  
Single Stage  
Liquid Ring Vacuum Pump**



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<b>Pressure Range</b>	30 to 760 TORR
<b>Capacity</b>	6500 to 13250 CFM
<b>Features</b>	Single stage vacuum pump with variable discharge ports
<b>Shaft Sealing Options</b>	Stuffing box (standard) Mechanical seal
<b>Options</b>	Bareshaft pump Coupled to electric motor V-Belt driven
<b>Optional Accessories</b>	Available as a component in larger assembly

**Technical Data**

PUMP TYPE		TRVK 5003				
Speed	RPM	210	240	270	300	330
Motor - installed power	HP	400	500	600	700	800
Average service liquid flow	GPM	61-151	69-170	78-191	87-214	96-237
Minimum suction pressure	Torr	30	30	30	30	30

**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**

TRVK 5003/1-B/F	
T	Travaini manufacturer
R	Liquid ring pump
V	Single stage pump for high vacuum
K	Design revision
500	Flange size (mm)
3	Pump size
1	Construction modification
B	Shaft sealing: B = Packing seal 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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