

**TRVK 4000
Single Stage
Liquid Ring Vacuum Pump**



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



Pressure Range	30 to 760 TORR
Capacity	4000 to 9500 CFM
Features	Single stage vacuum pump with variable discharge ports
Shaft Sealing Options	Stuffing box (standard) Mechanical seal
Options	Bareshaft pump Coupled to electric motor V-Belt driven
Optional Accessories	Available as a component in larger assembly

Technical Data

PUMP TYPE		TRVK 4003					
Speed	RPM	240	270	300	330	370	400
Motor - installed power	HP	250	300	350	400	500	600
Average service liquid flow	GPM	42-105	47-118	53-132	58-150	66-164	70-175
Minimum suction pressure	Torr	30	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

<u>TRVK 4003/1-B/F</u>	
T	Travaini manufacturer
R	Liquid ring pump
V	Single stage pump for high vacuum
K	Design revision
400	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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