

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



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<b>Pressure Range</b>	30 to 760 TORR
<b>Capacity</b>	4000 to 9500 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 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\*\***

**Model Designation**

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

TRVK 4003/1-B/F	
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.

REF:	JGJ/RR	Date	1/6/2015	Nº:	100949.000
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