

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



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Pressure Range	30 to 760 TORR
Capacity	6500 to 13250 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 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.