

TRVK 1500
Single Stage
Liquid Ring Compressor



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Pressure Range	0 to 22 PSig
Capacity	510 to 1180 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 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

TRVK 1503/1-B/F	
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: 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.