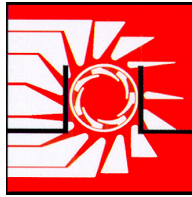


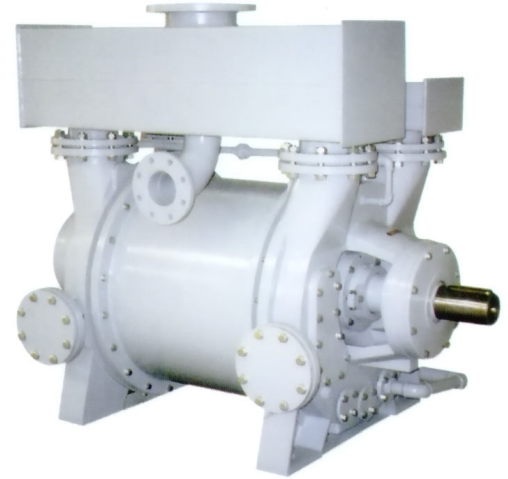
TRVK 3000

Single Stage Liquid Ring Vacuum Pump



TRAVAINI

- PRESSURE RANGE** : 30 to 760 TORR
CAPACITY : 2800 to 6600 CFM
- FEATURES** : Single stage rotating pump with externally located greasable bearings, side bottom discharge ports, inspection ports
- SHAFT SEALING OPTIONS** : Stuffing box - Mechanical seal optional
 : Bareshaft pump - Gear or V-belt driven to electric motor on baseplate optional
- ACCESSORIES** : Low profile discharge separator/manifold, suction manifold; (Optional) Cylindrical air-liquid separator tank, non-return valve, vacuum relief valve, vacuum gauge and piped service liquid line with isolating valve, Y-strainer, 1/60/120 solenoid valve, flow regulating valve and compound gauge



TECHNICAL DATA

PUMP TYPE		TRVK 3003				TRVK 3503					
Speed	RPM	370	420	470	530	270	300	330	370	420	470
Motor - installed power	HP	200	200	250	300	200	200	250	300	350	500
Average service liquid flow (range)	GPM	22-64	24-73	26-82	31-88	35-72	39-80	44-89	49-100	55-112	62-126
Minimum suction pressure	Torr	30	30	30	30	30	30	30	30	30	30

STANDARD MATERIALS OF CONSTRUCTION **			
Part No.	Description	F	A3
1	Impeller casing	Carbon steel	Stainless steel AISI 316
2	Impeller	Ductile iron or Carbon steel	
3	Shaft	Carbon steel	Stainless steel AISI 420
4	Front suction & Discharge casing	Cast iron	Stainless steel AISI 316
5	Rear suction & Discharge casing		
6	Front port plate		
7	Rear port plate	Carbon steel	
8	Flexible valve plate	Teflon	
27	Stuffing box housing	Cast Iron	Stainless steel AISI 316
30	O-ring	Nitrilic rubber	
32	Shaft sleeve	Stainless steel 420 AISI	Stainless steel AISI 316

MODEL DESIGNATION

TRVK 3503 / 1-B / F	
T	Travaini manufacturer
R	Liquid ring pump
V	Single stage pump for high vacuum
K	Constructive project name
350...	Flange size (mm)
...3	Pump size
1	Constructive modification
B	Shaft Sealing B = Packing seal C = Mechanical seal
F	Materials of construction (see table)

**Special Materials Available Upon Request

- Request information on our HYDROSYS and DYNASEAL engineered vacuum systems
- For further information please consult Premier Fluid Systems Inc.



Premier Fluid Systems
 Canadian Home Of Travaini Pumps