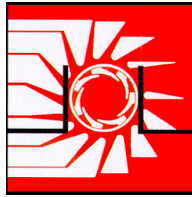


TRVK 2000

Single Stage Liquid Ring Vacuum Pump



TRAVAINI

- PRESSURE RANGE** : 30 to 760 TORR
CAPACITY : 1300 to 3400 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 - Coupled to electric motor on baseplate - V-belt or gear driven
- 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 2003						TRVK 2503						
		500	530	590	660	710	740	370	420	470	500	530	590	660
Speed	RPM	500	530	590	660	710	740	370	420	470	500	530	590	660
Motor - installed power	HP	75	100	100	125	125	150	100	100	125	125	150	200	250
Average service liquid flow (range)	GPM	14-31	13-33	16-35	17-40	19-44	19-44	13-37	16-42	17-46	17-51	20-53	22-57	24-64
Minimum suction pressure	Torr	30	30	30	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 2503 / 1 - B / F	
T	Travaini manufacturer
R	Liquid ring pump
V	Single stage pump for high vacuum
K	Constructive project name
250...	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