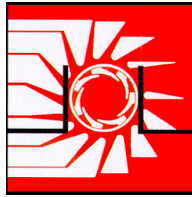


TRVK 4003 & 5003 Single Stage Liquid Ring Vacuum Pump



TRAVAINI

- PRESSURE RANGE** : 30 to 760 TORR
CAPACITY : 4000 to 13250 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) Flange mounted 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 4003						TRVK 5003				
Speed	RPM	240	270	300	330	370	400	210	240	270	300	330
Motor - installed power	HP	250	300	350	400	500	600	400	500	600	700	800
Average service liquid flow (range)	GPM	42-105	47-118	53-132	58-150	66-164	70-175	61-151	69-170	78-191	87-214	96-237
Minimum suction pressure	Torr	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 5003 / 1-B / F	
T	Travaini manufacturer
R	Liquid ring pump
V	Single stage pump for high vacuum
K	Constructive project name
500...	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

March/2002
 Page 6.46