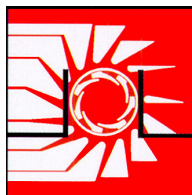


# TRSK 5000

## Single Stage Liquid Ring Vacuum Pump



# TRAVAINI

- PRESSURE RANGE** : 135 to 760 TORR  
**CAPACITY** : 9300 to 17000 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		TRSK 5002						TRSK 5004					
Speed	RPM	197	220	236	246	266	276	220	236	246	266	276	298
Motor - installed power	HP	400	500	500	500	600	600	500	600	600	700	700	800
Average service liquid flow (rng.)	GPM	53-125	80-151	66-164	90-169	101-188	90-193	74-169	105-190	110-197	90-214	122-223	103-253
Minimum suction pressure	Torr	135	135	135	135	135	135	135	135	135	135	135	135

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	Carbon steel	
7	Rear port plate		
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

TRSK 5004 / 1 - B / F	
T	Travaini manufacturer
R	Liquid ring pump
S	Single stage pump
K	Constructive project name
500...	Flange size (mm)
...4	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