

TRVN 40

Single-Stage Liquid Ring Vacuum Pump



- CAPACITY** : 25 to 760 TORR
: 30 to 150 CFM
- FEATURES** : Single stage rotating pump with externally located bearings grease lubricated for life.
- SHAFT SEALING** : Mechanical seal - Double Mechanical seal optional.
- OPTIONS ACCESSORIES** : Direct monoblock with electric motor
: (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		TRVN 40-70		TRVN 40-110			
Speed	RPM	1450	1750	1450	1750		
Motor - installed power	HP	3	5	5	7.5		
Avg. service liquid flow	GPM	1	1	2.2	2.2		
Noise level at 150 Torr	dB(A)	68	68	69	69		
Min. suction pressure	Torr	25	25	25	25		

MODEL DESIGNATION

TRVN 40 - 70 / C / A3/ Z6	
T	Travaini manufacturer
R	Liquid ring pump
V	Single impeller pump with valves for medium and high vacuum
N	Design Code (with Lantern)
40	Flange size (mm)
70	Nominal capacity (m ³ /h)
C	Shaft Sealing C = Mechanical seal C2 = Double Mech. Seal back to back
A3	Materials of Construction (see table)
Z6	ANSI Flanges – Suction/Discharge NPT – Service Liquid Motor Lantern – NEMA

STANDARD MATERIALS OF CONSTRUCTION **		
Part No.	Description	A3
101	Suction/Discharge casing	Stainless Steel AISI 316
120	Rear casing	
210	Shaft	
230	Impeller	
330 353	Bearing housing	Cast iron
347	Motor lantern	

**Special Materials Available Upon Request

-Request information on our HYDROSYS and DYNASEAL engineered vacuum systems

-For further information please consult Premier Fluid Systems Inc at www.pfspumps.com.