

TRVX 1000

Single Stage Liquid Ring Vacuum Pump



TRAVAINI

- PRESSURE RANGE** : 25 to 760 TORR
- CAPACITY** : 100 to 580 CFM
- FEATURES** : Single stage rotating pump with externally located greasable bearings
- SHAFT SEALING** : Mechanical seal - Double mechanical seal optional
- OPTIONS** : Bareshaft pump - Coupled to electric motor on baseplate - Monoblock with electric motor
- ACCESSORIES** : (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		TRVX 1003		TRVX 1005		TRVX 1007	
Speed	RPM	1450	1750	1450	1750	1450	1750
Motor - installed power	HP	20	30	25	40	30	40
Average service liquid flow	GPM	9	9	10	10	11	11
Noise level at 150 Torr	dB(a)	70	73	70	73	70	73
Minimum suction pressure	Torr	25	25	25	25	25	25

STANDARD MATERIALS OF CONSTRUCTION**

Part No.	Description	RX	F	RA	A3
113	Impeller Casing	Cast Iron			
106	Suction Casing				
107	Discharge Casing				
137	Port Plate	AISI 304SS		AISI 316 SS	
210	Shaft	AISI 420 SS			
230	Impeller	AISI 304 SS	Ductile Iron		
357	Bearing Housing	Cast Iron			

TRVX 1007 / 1C-M / RX

T	Travaini manufacturer
R	Liquid ring pump
V	Single stage pump with valves for medium and high vacuum - Monoblock mounting
X	Design code
100	Flange size (mm)
7	Hydraulic size
1	Construction Modification
C	Shaft Sealing C = Mechanical Seal C2 = Double Mechanical Seal
M	Close-Coupled construction with Lantern (available upon request)
RX	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