

TRVX 503

Single Stage Liquid Ring Vacuum Pump



PRESSURE RANGE
CAPACITY

25 to 760 TORR
80 To 305 CFM

FEATURE

Single stage rotating pump with externally located grease lubricated bearings for life.

SHAFT SEALING
ACCESSORIES

Mechanical Seal.
Flange mounted air-liquid separator tank, non-return valve, vacuum relief valve, vacuum gauge and piped service with line with isolating valve, Y-strainer, solenoid valve, flow regulating valve and compound gauge.

TECHNICAL DATA

PUMP TYPE		TRVX 503	
SPEED	RPM	1450	1750
Motor Installed Power	HP	10	15
Avg. Service Liquid Flow	GPM	6	6
Noise Level at 150 Torr	dB(A)	73	73
Min. Suction pressure	Torr	25	25

MODEL DESIGNATION

STANDARD MATERIALS OF CONSTRUCTION				
Part No.	Description	F	RX	A3
113 120	Pump Casing / Impeller Cover	Cast Iron		AISI 316 SS
230	Impeller	D. I.	AISI 304 SS	
137	Hydraulic Port Plates	AISI 304 SS		
210	Shaft	AISI 420 SS		
357	Bearing housing	Cast Iron		

	TRVX 503/1-C/RX
T	Travaini Manufacture
R	Liquid Ring Pump
V	Single stage pump with valves for medium and high vacuum.
X	Design Code
50	Flange Size (mm)
3	Hydraulic Size
1	Construction Modification
C	Shaft Sealing C = Mechanical Seal C2 = Double Mechanical Seal
RX	Materials of Construction, (see table)