

# TRVX 257

## Single Stage Liquid Ring Vacuum Pump



# TRAVAINI

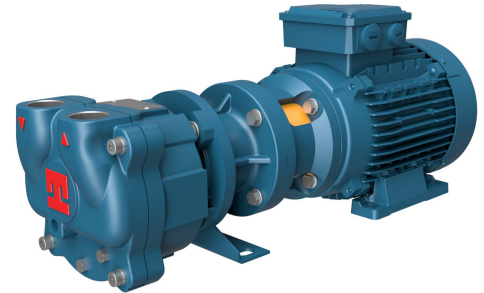
**PRESSURE RANGE** : 25 to 760 TORR  
**CAPACITY** : 5 to 38 CFM

**FEATURES** : Single stage rotating pump with externally located bearings grease lubricated for life superior efficiency at a higher vacuum than previous models with an improved anti cavitation system

**SHAFT SEALING** : Mechanical seal

**DESIGN** : Monoblock with electric motor 182TC TEFC

**ACCESSORIES** : (Optional) Flange mounted air-liquid separator tank, non-return valve, vacuum relief valve, vacuum gauge, anti-cavitation valve 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 257
Speed	RPM	3500
Motor - installed power	HP	3
Avg. service liquid flow	GPM	1
Noise level at 150 Torr	dB(A)	69
Min. suction pressure	Torr	25

### MODEL DESIGNATION

TRVX 257 / 1 - C / N/RX	
T	Travaini manufacturer
R	Liquid ring pump
V	Single impeller pump with valves for medium and high vacuum
X	With stainless steel plate AISI 304or AISI 316
25	Pipe connection- size (mm)
7	Pump size
1	Pump project
C	Shaft sealing, Mechanical seal
N	NEMA motor
RX	Materials of construction (see table)

### STANDARD MATERIALS OF CONSTRUCTION \*\*

Part No.	Description	RX	A3
101	Casing	Cast Iron	Stainless Steel AISI 316
235	Impeller Cover		
137	Port Plate	Stainless Steel AISI 304	
210	Shaft	Stainless Steel AISI 420	
230	Impeller	Stainless Steel AISI 304	

\*\*Special Materials Available Upon Request

-Request information on our HYDROSYS and DYNASEAL engineered vacuum systems  
 -For further information please consult Premier Fluid Systems Inc.



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