

**TRVX1000
Single Stage
Liquid Ring Compressor**



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Pressure Range	5 to 44 PSig
Capacity	200 to 550 CFM
Features	Single-Stage vacuum pump with external bearings, vari-port design
Shaft Sealing Options	Mechanical seal (standard) Double mechanical seal Stuffing box
Options	Bareshaft pump Coupled to electric motor Monoblock
Optional Accessories	Available as a component in larger assembly

Technical Data

PUMP TYPE		TRVX1003	TRVX1005	TRVX1007
Speed	RPM	1780	1780	1780
Motor - installed power	HP	80	100	100
Average service liquid flow	GPM	17	20	20
Noise level at 150 Torr	dB(A)			
Maximum Pressure	PSig	43	43	43

Standard Materials of Construction**

Part No.	Description	F	RX	RA	A3
106	Suction casing	Cast iron			Stainless steel AISI 316
107	Discharge casing				
110	Impeller housing				
210	Shaft	Stainless steel AISI 420	Stainless steel AISI 316		
357	Bearing housing	Cast iron			
230	Impeller	Ductile iron	Stainless steel AISI 304	Stainless steel AISI 316	

Model Designation

TRVX1007/C/RA	
T	Travaini manufacturer
R	Liquid ring pump
V	Single stage vacuum pump With vari-port design
X	Design revision
100	Flange size (mm)
7	Hydraulic size
C	Shaft sealing: C = Mechanical seal C2 = Double mechanical seal B = Packing seal
RA	Materials of construction (see table)

**Special materials available upon request

-Request for information on our WATERSEAL and DYNASEAL engineered vacuum systems

-For further information please consult Travaini Pumps USA.

REF: JGJ/	Date 4/23/2015	No: 101012.000
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