

**TRVB 40  
Single Stage  
Liquid Ring Vacuum Pump**



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<b>Pressure Range</b>	25 to 760 TORR
<b>Capacity</b>	30 to 145 CFM
<b>Features</b>	Single stage vacuum pump mounted on motor shaft.
<b>Shaft sealing options</b>	Mechanical seal
<b>Options</b>	Monoblock with electric motor
<b>Accessories</b>	Available as a component in a larger assembly

**Technical Data**

PUMP TYPE		TRVB40-110	TRVB40-150	TRVB40-200
Speed	RPM	1750	1750	1750
Motor - installed power	HP	5	7.5	10
Avg. service liquid flow	GPM	5	5	5
Noise level at 150 Torr	dB(A)	68	69	72
Min. suction pressure	Torr	25	25	25

**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**

<b>TRVB40-110/C/RX</b>	
T	Travaini manufacturer
R	Liquid ring pump
V	Vari-port design
B	Design revision
40	Flange size (mm)
110	Nominal capacity (m <sup>3</sup> /hr)
C	C = Mechanical seal
RX	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/RK	Date:	1/19/15	No:	100894.000
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