

# TRVB 40

## Single-Stage Liquid Ring Vacuum Pump



# TRAVAINI

- PRESSURE RANGE** : 25 to 760 TORR  
**CAPACITY** : 30 to 150 CFM
- FEATURES** : Single stage rotating pump with externally located bearings grease lubricated for life
- SHAFT SEALING** : Mechanical seal
- OPTIONS** : Direct 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		TRVB 40-110		TRVB 40-150		TRVB 40-200	
Speed	RPM	1450	1750	1450	1750	1450	1750
Motor - installed power	HP	5	5	5	7.5	7.5	10
Avg. service liquid flow	GPM	5.0	5.0	5.5	5.5	6.0	6.0
Noise level at 150 Torr	dB(A)	68	68	69	69	72	72
Min. suction pressure	Torr	25	25	25	25	25	25

### MODEL DESIGNATION

TRVB 40 - 200 / C - M / RX	
T	Travaini manufacturer
R	Liquid ring pump
V	Single impeller pump with valves for medium and high vacuum
B	Design number
40	Flange size (mm)
200	Nominal capacity (m <sup>3</sup> /h)
C	Shaft Sealing C = Mechanical seal
M	Close-coupled construction with lantern
RX	Materials of construction (see table)

### STANDARD MATERIALS OF CONSTRUCTION \*\*

Part No.	Description	RX	RA	A3
101	Suction/Discharge casing	Cast iron		Stainless steel AISI 316
120	Rear casing			
210	Shaft	Stainless steel AISI 420		
230	Impeller	Stainless Steel AISI 304		
330* 353	Bearing housing	Cast iron		
341*	Motor lantern			

\*Only for Model TRVB 40-200

\*\*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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