

TRHB 50 Two-Stage Liquid Ring Vacuum Pump



TRAVAINI

- PRESSURE RANGE** : 25 to 150 TORR
CAPACITY : 95 to 310 CFM
- FEATURES** : Two-stage rotating pump with externally located bearings grease lubricated
- SHAFT SEALING** : Mechanical seal - Double mechanical seal or stuffing box optional
- OPTIONS** : Bareshaft pump - Coupled to electric motor on baseplate - 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		TRHB 50-280		TRHB 50-340		TRHB 50-420	
Speed	RPM	1450	1750	1450	1750	1450	1750
Motor - installed power	HP	15	15	15	20	20	25
Avg. service liquid flow	GPM	8	8	10	10	12	12
Noise level at 150 Torr	dB(A)	70	73	70	73	71	74
Min. suction pressure	Torr	25	25	25	25	25	25

Standard Materials of Construction **

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

MODEL DESIGNATION

TRHB 50 - 420 / C - M / RX	
T	Travaini manufacturer
R	Liquid ring pump
H	Two-stage pump
B	Design number
50	Flange size (mm)
420	Nominal capacity (m ³ /h)
C	Shaft sealing C = Mechanical seal C2 = Double mech. seal B = Packing seal
M	Close-coupled construction with lantern (available upon request)
RX	Materials of construction (see table)

**Special Materials Available Upon Request

-Request information on our HYDROSYS and DYNASEAL engineered vacuum systems

-For further information please consult Premier Fluid Systems Inc.



Premier Fluid Systems
Canadian Home Of Travaini Pumps