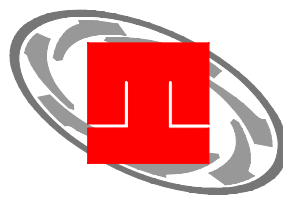


# TRHE 100 Two-Stage Liquid Ring Vacuum Pump



# travaini

- PRESSURE RANGE** : 25 to 150 TORR  
**CAPACITY** : 300 to 1000 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 - V-Belt driven.
- 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		TRHE 100-870			TRHE 100-1260				TRHE 100-1600			
Speed	RPM	880	1030	1150	880	960	1060	1150	880	960	1030	1150
Motor - installed power	HP	40	50	60	40	50	60	75	50	60	75	100
Avg. service liquid flow	GPM	25	25	25	25	25	25	25	25	25	25	25
Noise level @ 150 TORR	dB(A)	77	80	82	77	79	80	82	77	79	80	82
Min. suction pressure	TORR	25	25	25	25	25	25	25	25	25	25	25

## STANDARD MATERIALS OF CONSTRUCTION\*\*

PART No.	DESCRIPTION	GH	F	RA	A3	
106	Suction Casing	Cast Iron				Stainless Steel AISI 316
107	Discharge Casing					
140	Port Plate					
110	Impeller Housing	Carbon Steel				
210	Shaft	Stainless Steel AISI 420				
147	Manifold	Carbon Steel				
357	Bearing Housing	Cast Iron				
230	Impeller	Bronze	Ductile Iron	Stainless Steel AISI 316		

## MODEL DESIGNATION

TRHE 100 - 1600 / C / GH	
T	Travaini Manufacturer
R	Liquid Ring Pump
H	Two-Stage Pump
E	Design Number
100	Flange Size (mm)
1600	Nominal Capacity (m <sup>3</sup> /h)
C	Shaft sealing C = Mechanical Seal C2 = Double Mech. Seal B = Packing Seal
GH	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.



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