

TRHC80
Two-Stage
Liquid Ring Vacuum Pump



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Pressure Range	25 to 760 TORR
Capacity	252 to 510 CFM
Features	Two stage vacuum pump with external sealed bearings
Shaft Sealing Options	Mechanical seals (Double mechanical seals or packing box optional)
Options	Bareshaft pump Coupled to electric motor Monoblock with electric motor
Optional Accessories	Available as a component in larger assembly

Technical Data

PUMP TYPE		TRHC80-600	TRHC80-750
Speed	RPM	1750	1750
Motor - installed power	HP	40	50
Average service liquid flow	GPM	8	10.6
Noise level at 150 Torr	dB (A)	79	79
Minimum suction pressure	Torr	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

TRHC80-750/C-M/RA	
T	Travaini manufacturer
R	Liquid ring pump
H	Two stage Pump
C	Design revision
80	Flange size (mm)
750	Nominal capacity (m ³ /hr)
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.

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