

# TRSE 40 & 50 Single Stage Liquid Ring Vacuum Pump



# TRAVAINI

- PRESSURE RANGE** : 100 to 760 TORR  
**CAPACITY** : 20 to 160 CFM
- FEATURES** : Single stage rotating pump with externally located bearings grease lubricated for life
- 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		TRSE 40-55		TRSE 40-100		TRSE 40-150		TRSE 50-220	
Speed	RPM	1450	1750	1450	1750	1450	1750	1450	1750
Motor - installed power	HP	2	3	4	5	5	7.5	7.5	10
Avg. service liquid flow	GPM	2.2	2.2	2.9	2.9	3.2	3.2	4.4	4.4
Noise level at 150 Torr	dB(A)	66	68	67	69	67	69	67	69
Min. suction pressure	Torr	100	100	100	100	100	100	100	100

## MODEL DESIGNATION

TRSE 40 - 150 / C - M / RX	
T	Travaini manufacturer
R	Liquid ring pump
S	Single stage pump
E	Design number
40	Flange size (mm)
150	Nominal capacity (m <sup>3</sup> /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)

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				
110	Impeller housing	Carbon steel				
210	Shaft	Stainless steel AISI 420				
147	Manifold	Carbon steel				
357	Bearing housing	Cast iron				
230	Impeller	Stainless Steel AISI 304	Ductile iron	Stainless steel AISI 316		

\*\*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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Canadian Home Of Travaini Pumps

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Page 5.06