

# TRS 100

## Single Stage Liquid Ring Vacuum Pump



# TRAVAINI

**PRESSURE RANGE** : 90 to 760 TORR  
**CAPACITY** : 235 to 700 CFM

**FEATURES** : Single stage rotating pump with externally located bearings grease lubricated

**SHAFT SEALING OPTIONS** : Mechanical seals - Stuffing box optional  
 : 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		TRSC 100-550		TRSC 100-700		TRSB 100-980	
Speed	RPM	1450	1750	1450	1750	1450	1750
Motor - installed power	HP	20	25	25	30-40	30-40	40-50
Average service liquid flow	GPM	8	8	9	9	30	30
Noise level at 150 Torr	dB(A)	76	78	76	78	78	80
Minimum suction pressure	Torr	90	90	90	90	150	150

Standard Materials of Construction **					
Part No.	Description	RX	F	RA	A3
106	Suction casing	Cast iron			Stainless steel AISI 316
107	Discharge casing				
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	

### MODEL DESIGNATION

TRSC 100 - 700 / C - M / RX	
T	Travaini manufacturer
R	Liquid ring pump
S	Single stage pump
C	Design number
100	Flange size (mm)
750	Nominal capacity (m³/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

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