

**TRSC100
Single Stage
Liquid Ring Compressor**



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Pressure Range	3 to 28.5 PSIG
Capacity	238-540 CFM
Features	Single stage vacuum pump with external sealed bearings
Shaft Sealing Options	Mechanical seals (double mechanical seals or stuffing 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		TRSC100-550	TRSC100-700	TRSB100-980
Speed	RPM	1750	1750	1450
Motor - installed power	HP	50	60	40
Average service liquid flow	GPM	12	15	18
Noise level at 150 Torr	dB(A)			
Maximum Pressure	PSIG	28.5	28.5	8.5

Standard Material of Construction**

Part No.	Description	RA	A3
106	Suction casing	Cast iron	Stainless steel AISI 316
107	Discharge casing		
110	Impeller housing		
210	Shaft	Stainless steel AISI 420	
357	Bearing housing	Cast iron	
230	Impeller	Stainless steel AISI 316	

Model Designation

TRSC100-700/C/RX	
T	Travaini manufacturer
R	Liquid ring pump
S	Single stage pump
C	Design revision
100	Flange size (mm)
700	Nominal capacity (m ³ /hr)*
C	Shaft sealing: C = Mechanical seal C2=Double mechanical seal B = Packing seal
RX	Materials of construction (see table)

*Applies to vacuum systems

**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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