

TRSE40
Single Stage
Liquid Ring Compressor



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Pressure Range	2.5 to 15 PSIG
Capacity	20 to 83 CFM
Features	Single stage vacuum pump with external sealed bearings
Shaft Sealing Options	Mechanical seals (Double mechanical seals 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		TRSE 40-55	TRSE40-150
Speed	RPM	1750	1450
Motor - installed power	HP	5	7.5
Avg. service liquid flow	GPM	3	5
Noise level at 150 Torr	dB(A)		
Maximum Pressure	PSIG	15	11.5

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

TRSE40-55/C/RX	
T	Travaini manufacturer
R	Liquid ring pump
S	Single stage pump
E	Design revision
40	Flange size (mm)
55	Nominal capacity (m ³ /hr)*
C	Shaft sealing: C = Mechanical seal C2=Double mechanical 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

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