

TRVA 50-220 Single Stage Liquid Ring Vacuum Pump



TRAVAINI

- PRESSURE RANGE** : 25 to 760 TORR
CAPACITY : 60 to 150 CFM
- FEATURES** : Single stage rotating pump with externally located bearings that are re-greasable
- 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		TRVA 50-220	
Speed	RPM	1450	1750
Motor - installed power	HP	7.5	10
Average service liquid flow	GPM	4.5	4.5
Noise level at 150 Torr	dB(A)	69	72
Minimum suction pressure	Torr	25	25

MODEL DESIGNATION

TRVA 50 - 220 / C - M / GH	
T	Travaini manufacturer
R	Liquid ring pump
V	Single impeller pump with valves for medium and high vacuum
A	Design number
50	Flange size (mm)
220	Nominal capacity (m ³ /h)
C	Shaft sealing C = Mechanical seal C2 = Double mec. seal B = Packing seal
M	Close-coupled construction with lantern (available upon request)
GH	Materials of construction (see table)
RA	Materials of construction (see table)

STANDARD MATERIALS OF CONSTRUCTION **

Part No.	Description	GH	RA
106	Suction casing	Cast Iron	
107	Discharge casing		
137	Port plate		
110	Impeller housing		
210	Shaft	Stainless steel AISI 420	Stainless Steel AISI 316
357	Bearing housing	Cast iron	
230	Impeller	Bronze	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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