TRAVAINI PUMPS USA TRHE 100

Two Stage High Vacuum Pump

PERFOMANCE DATA	: From 25 Torr	CAPACITY:	450 – 1000 cmf
FEATURES	: Two-stage rotating pump v	vith externally located	bearings grease lubricated.
SHAFT SEALING	: Mechanical seal - Double r	mechanical seal - Pac	king seal.
OPTIONS	: Bareshaft pump - Coupled	to electric motor on b	aseplate.



TECHNICAL DATA													
PUMP TYPE		HE -870		HE 1260	TRHE 100-1600								
Speed	RPM	960	1150	960	1150	960	1150						
Motor - installed power	HP	40	50	50	60	60	100						
Average service liquid flow	GPM	25	25	30	30	30	30						
Noise level at 60 Torr	dB(A)	79	82	79	82	79	82						
Minimum suction pressure	Torr	25	25	25	25	25	25						

Pumps are provided with threaded connections for service liquid, pump draining, grease, anticavitation valve and companion flanges. Pumps are also provided, by request, with auxiliary threaded connections, flanged air-liquid separator tank, non return valve, ejector, vacuum relief valve, flow valve to control the flow of the liquid supply, vacuum gauges, pressure gauges and compound gauges. We can also provide information on our water sealed and

oil sealed systems.

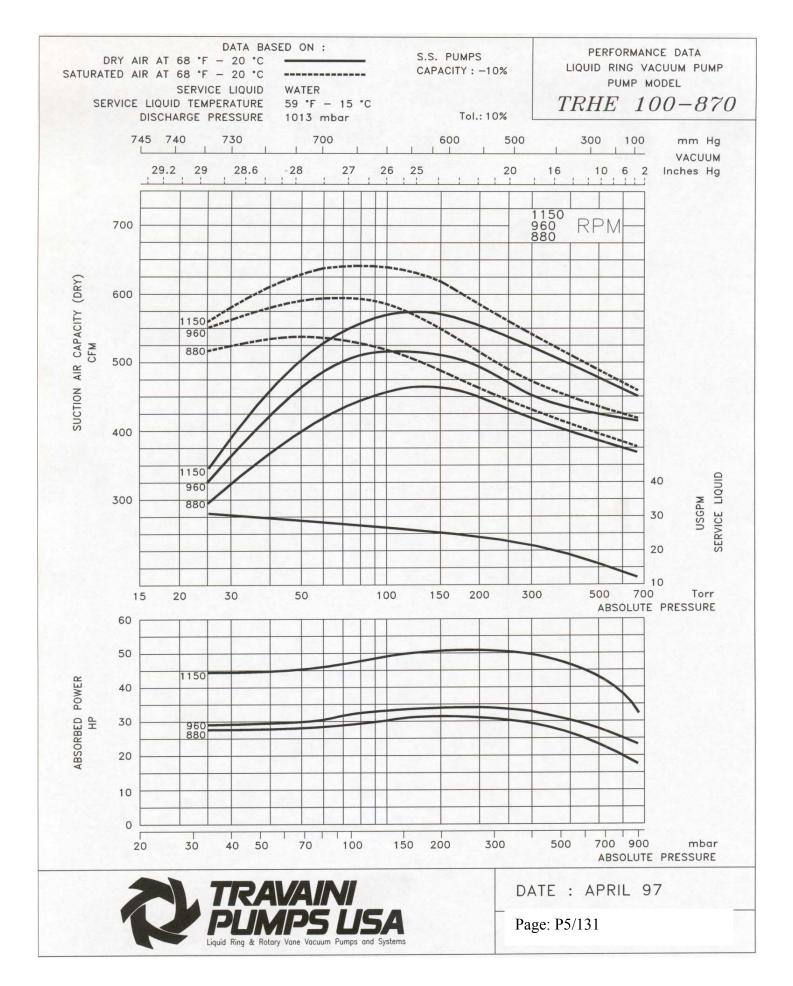
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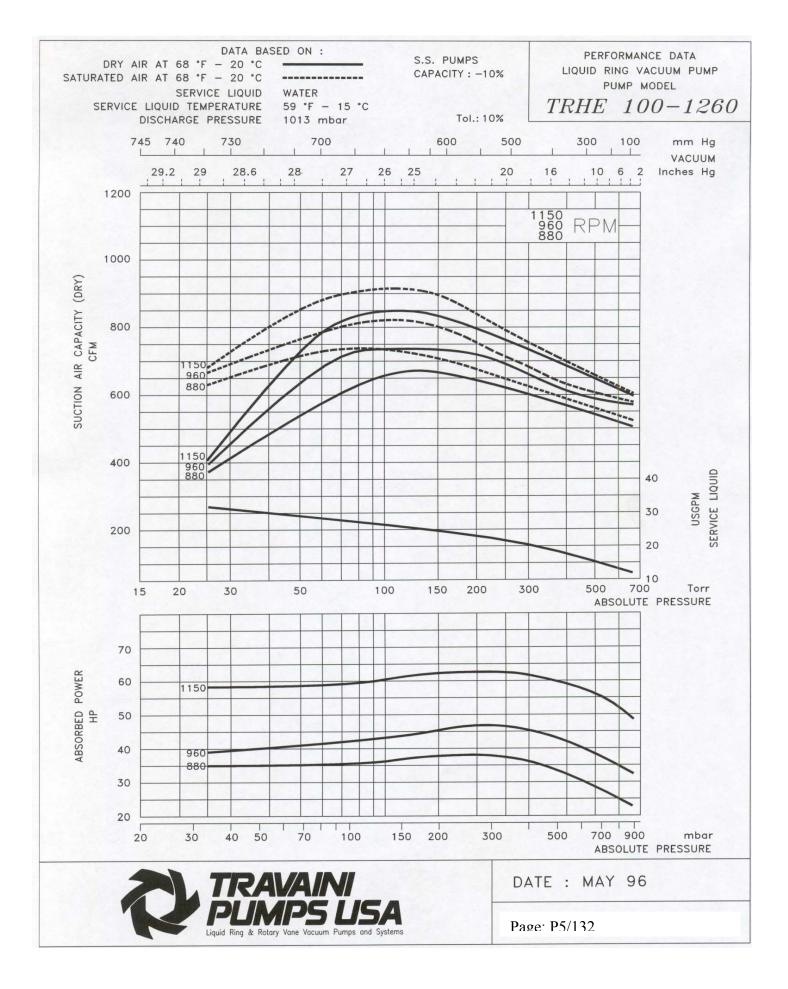
For more detailed information please contact our Sales Office.

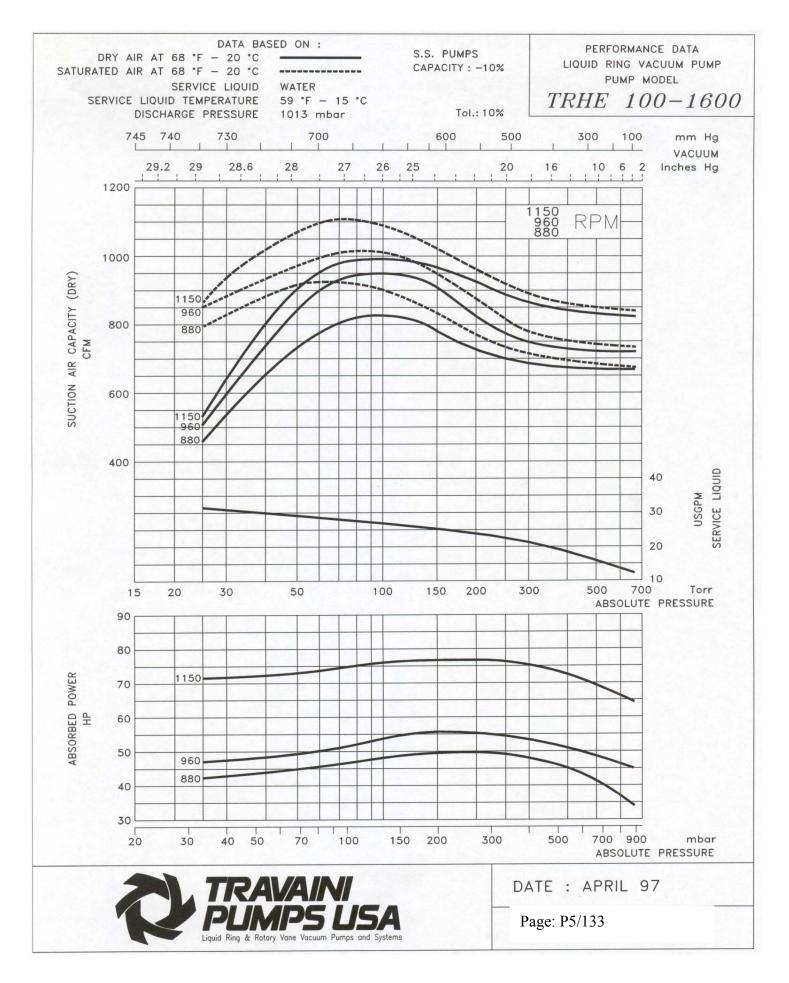
Example for Model Designation										
<u>T R H E 100 – 1600 / C/ GH</u>										
Т	Travaini Pump USA construction									
R	Liquid Ring Pump									
Н	Double stage pump for high vacuum									
Ξ	Design number									
100	Flange size (mm)									
1600	Nominal capacity (m ³ /h)									
С	Shaft sealing C = Mechanical seal C2 = Double mechanical seal B = Packing seal									
<u>GH</u>	Materials of construction GH-F-RA-A3 = See table									

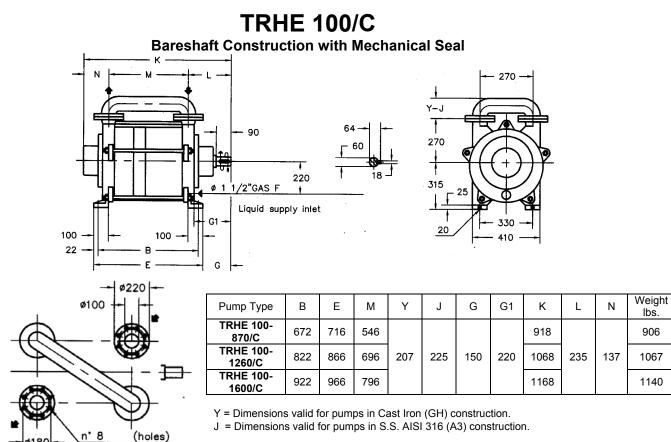
Standard Materials of Construction												
Part No.	Description GH F RA											
106	Suction casing											
107	Discharge casing	Cast Iron										
137	Port plate	- Cast Iron										
110	Impeller housing											
210	Shaft	Stainles AISI	s Steel 316									
147	Manifold	Steel										
357	Bearing housing mech. seal	Cast Iron										
230	Impeller	Bronze Ductile Stainless Stee Iron AISI 316										

Special Materials Available Upon Request Indicative table: for further information please consult our Sales Office



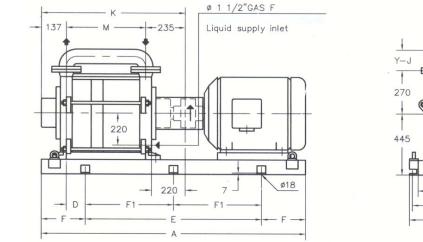






Note: Dimensions in mm. (mm to in = /25.4)

Base-Mounted Construction (Baseplate-Coupling) with Mechanical Seal



	- 270
Y-J	
270	
445	
	C
-	— в —

Pump Type	4 Poles Motor HP	Base- plate		Pump											Weight ¹ Ibs.			
			Α	В	С	D	E	F	F1	G	Н		K	М	Р	Y	J	
	50																	1434
TRHE 100-1260/C	60					40							1068	696				1445
	75																	1440
	50	039	2150	680	540		1600	275	800	630	18	7			445	207	225	
TRHE 100-1600/C	60					150							1168	796				1518
TKITE 100-1000/C	75					150							1100	790				1510
	100																	

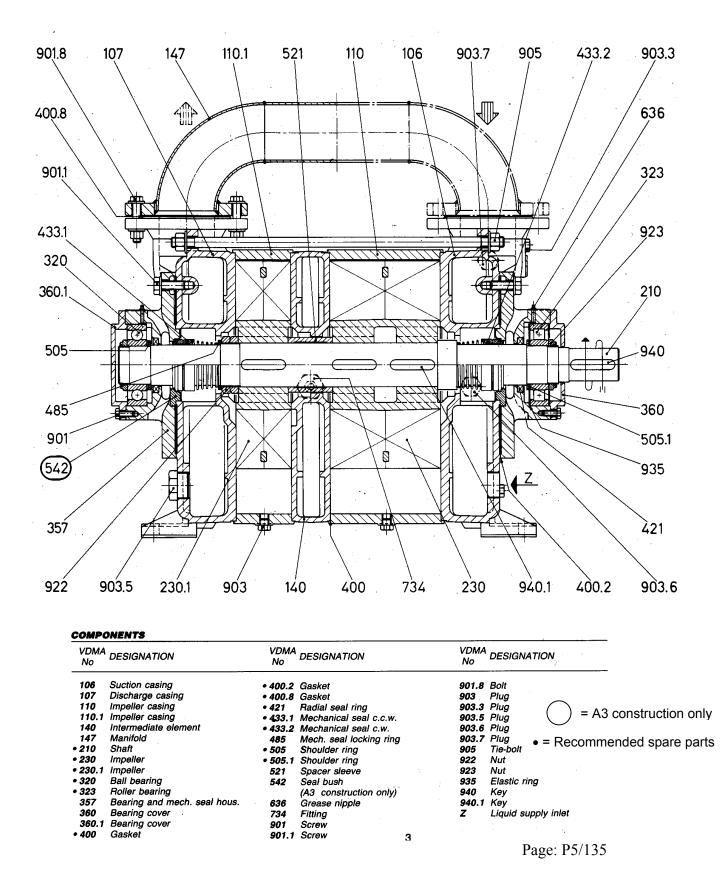
1 Weight without motor

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Dimensions are for reference only. Please consult the factory for certified drawings. The weights refer to the GH construction

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TRHE 100 – 870/C, 1260/C, 1600/C Typical Cross Section with Mechanical Seal



Section 5