

**TCD 25
Self-Cooling
Centrifugal Pump**



**TRAVAINI
PUMPS USA**
Liquid Ring & Rotary Vane Vacuum Pumps and Systems

200 Newsome Drive
Yorktown, VA 23693
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www.Travaini.com



Head Capacity	5 to 320 Feet
Capacity	Up to 65 USGPM
Features	Specially designed cooling fins allow handling of fluids up to 608 °F
Shaft Sealing	Single mechanical seal
Options	Bareshaft Pump Coupled to electric motor
Temperature	Up to 608 F (320 C)
Casing Pressure	232 PSI @ 248 F; 150 PSI @ 608 F
Viscosity	Up to 1400 SSU

Technical Data

PUMP TYPE		TCD25-125		TCD25-160		TCD25-200	
Head, max	Ft	31	122	52	214	75	330
Capacity, max	GPM	25	42	25	42	32	65
Speed	RPM	1750	3500	1750	3500	1750	3500
Max. Inlet pressure	PSIG	110	110	110	110	110	110

Standard Materials of Construction**

Part No.	Description	GA	A3
102	Volute Casing	Ductile Iron	Stainless Steel AISI 316
163	Casing Cover		
167	Cooling Plate		
210	Shaft	Stainless Steel AISI 420	
230	Impeller		
330	Bearing Housing	Cast iron	
433.2	Mechanical Seal	Ni-Resist/ Carbon/Viton	S.S AISI 316/ Carbon/Viton
502	Wear Ring	Carbon steel	S.S AISI 316

Model Designation

TCD25-200 A/2-R/GA	
T	Travaini manufacturer
C	Monostage centrifugal pump
D	Self-cooling centrifugal pump
25	Discharge flange size (mm)
200	Nominal diameter of impeller (mm)
A	Modification of hydraulic design
2—R	Constructive design number— Single mechanical seal
GA	Materials of construction (See table)

**Special Materials Available Upon Request
--For further information please consult Travaini Pumps USA.

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