

**TCD 40  
Self-Cooling  
Centrifugal Pump**



200 Newsome Drive  
Yorktown, VA 23693  
1-800-535-4243  
www.Travaini.com



<b>Head Capacity</b>	10 to 475 Feet
<b>Capacity</b>	Up to 160 USGPM
<b>Features</b>	Specially designed cooling fins allow handling of fluids up to 608 °F
<b>Shaft Sealing</b>	Single Mechanical seal
<b>Options</b>	Bareshaft Pump Coupled to electric motor
<b>Temperature</b>	Up to 608 F (320 C)
<b>Casing Pressure</b>	232 PSI @ 248 F 150 PSI @ 608 F
<b>Viscosity</b>	Up to 1400 SSU

**Technical Data**

PUMP TYPE		TCD40-125		TCD40-160		TCD40-200		TCD40-250	
Head, max	Ft	31	119	50	210	76	300	118	480
Capacity, max	GPM	115	200	113	230	115	220	132	250
Speed	RPM	1750	3500	1750	3500	1750	3500	1750	3500
Max. Inlet pressure	PSIG	110	110	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**

<b>TCD40-250 A/2-R/GA</b>	
T	Travaini manufacturer
C	Monostage centrifugal pump
D	Self-cooling centrifugal pump
40	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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