

TCD 65 Self-Cooling Centrifugal Pump



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Head Capacity	10 to 475 Feet
Capacity	Up to 750 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		TCD65-125		TCD65-160		TCD65-200		TCD65-250			
		Ft	GPM	RPM	PSIG	Ft	GPM	RPM	PSIG	Ft	GPM
Head, max	Ft	34	120	50	200	73	300	118	475		
Capacity, max	GPM	325	670	400	750	400	830	390	750		
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	G _n	n3
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

TCD65-250 A/2-R/GA	
T	Travaini manufacturer
C	Monostage centrifugal pump
D	Self-cooling centrifugal pump
65	Discharge flange size (mm)
250	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.