

TCA 50 Centrifugal Pump



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Head Capacity	12 to 460 Feet
Capacity	Up to 320 USGPM
Features	Open impeller design allows for the handling of highly abrasive liquids
Shaft Sealing	Mechanical seal (std) Double mechanical seal Packed stuffing box
Options	Bareshaft pump Coupled to electric motor Spacer coupling Monoblock
Temperature	GS & RA: -4°F-536°F A3, HC, & DU: -40°F-536°F

Technical Data

PUMP TYPE		TCA50-125		TCA50-160		TCA50-200		TCA50-250	
Head, max	Ft	24	96	48	184	73	218	118	460
Capacity, max	GPM	145	262	158	318	220	340	237	320
Speed	RPM	1750	3500	1750	3550	1750	3500	1750	3500

Standard Materials of Construction**

Part No.	Description	GS	RA	A3	HC	DU
102	Pump casing	Ductile iron			Hastealloy C	ASTM-CN7M
135	Wear plates	-	Cast iron			
161	Casing cover	Ductile iron				
210	Shaft	Stainless steel AISI 316				Incoloy 825
230	Impeller					ASTM-CN7M
330	Bearing housing	Cast iron				
524	Shaft sleeve	Stainless steel AISI 316			Hastealloy C	Incoloy 825

Model Designation

TCA50-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
A	Open impeller
50	Discharge flange size (mm)
200	Nominal diameter of impeller (mm)
A	Modification of hydraulic design
1X	Constructive project number
C	Shaft sealing: C—Single mechanical seal 2C— Double mechanical seal
A3	Materials of construction

**Special materials available upon request
--For further information please consult Travaini Pumps USA.

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