

# TCK 80 Centrifugal Pump



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<b>Head Capacity</b>	20 to 460 Feet
<b>Capacity</b>	Up to 1200 USGPM
<b>Features</b>	Magnetically coupled design allows for leak proof operation
<b>Shaft Sealing</b>	Mechanical seal (standard) Double mechanical seal Packed stuffing box
<b>Options</b>	Bareshaft Pump Coupled to electric motor Spacer Coupled Monoblock
<b>Temperature</b>	GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C

## Technical Data

PUMP TYPE		TCK80-160		TCK80-200		TCK80-250	
Head, max	Ft	50	200	72	317	115	460
Capacity, max	GPM	550	1100	600	1170	800	1200
Speed	RPM	1750	3500	1750	3500	1750	3500

## Standard Materials of Construction\*\*

Part No.	Description	GS	RA	A3	HC	DU	
102	Pump casing	Ductile iron			Hastelloy 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			Hastelloy C	Incoloy 825	

## Model Designation

TCK80-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
K	Magnetically coupled
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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