

# TCH 32 Centrifugal Pump



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<b>Head Capacity</b>	10 to 475 Feet
<b>Capacity</b>	Up to 160 USGPM
<b>Features</b>	Oversized alloy shaft to minimize deflection and vibrations
<b>Shaft Sealing</b>	Mechanical seal (standard) Double mechanical seal Packed stuffing box
<b>Options</b>	Bareshaft pump Coupled to electric motor Monoblock
<b>Temperature</b>	GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C

## Technical Data

PUMP TYPE		TCH32-125		TCH32-160		TCH32-200		TCH32-250	
Head, max	Ft	30	115	49	200	76	312	118	475
Capacity, max	GPM	53	120	67	132	87	158	71	160
Speed	RPM	1750	3500	1750	3500	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

TCH32-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
32	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.

REF:	JGJ/RR	Date	3/17/2015	Nº:	100317.000
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