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# TCTM 32
# Centrifugal Pump

TRAVAINI PUMPS® USA
Engineered Pump Solutions

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



| | |
|---|---|
| **Head Capacity** | 7 to 330 Feet |
| **Capacity** | Up to 200 USGPM |
| **Features** | Open vortex impeller design allows for the handling of solids and viscous liquids |
| **Shaft Sealing** | Mechanical seal (std.)<br>Double mechanical seal<br>Packed stuffing box |
| **Options** | Bareshaft pump<br>Coupled to electric motor<br>Spacer coupling<br>Monoblock |
| **Temperature** | GS & RA: -20°C-280°C<br>A3, HC, & DU: -40°C-280°C |

## *Technical Data*

| PUMP TYPE | | TCTM32-125 | | TCTM32-160 | | TCTM32-200 | |
|---|---|---|---|---|---|---|---|
| Head, max | Ft | 27 | 108 | 46 | 196 | 82 | 328 |
| Capacity, max | GPM | 61 | 110 | 61 | 176 | 92 | 200 |
| 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 | | | 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 |

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

## *Model Designation*

| TCTM32-200 A/1X-C/A3 | |
|---|---|
| T | Travaini manufacturer |
| C | Monostage centrifugal pump |
| T | Open vortex impeller |
| M | Monoblock Construction |
| 32 | Discharge flange size (mm) |
| 200 | Nominal diameter of impeller (mm) |
| A | Modification of hydraulic design |
| 1X | Constructive project number |
| C | Shaft sealing:<br>C—Single mechanical seal<br>2C– Double mechanical seal |
| A3 | Materials of construction |

| | | | | |
|---|---|---|---|---|
| REF: | JM/CGZ | Date | 8/9/2019 | Nº: |