

# TCT 65 Centrifugal Pump



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|                      |   |
|----------------------|---|
| <b>Head Capacity</b> | 28-184 Feet   |
| <b>Capacity</b>      | Up to 625 GPM   |
| <b>Features</b>      | Semi-open impeller design allows for the handling of viscous liquids        |
| <b>Shaft Sealing</b> | Mechanical seal (std.)<br>Double mechanical seal<br>Packed stuffing box     |
| <b>Options</b>       | Bareshaft pump<br>Coupled to electric motor<br>Spacer coupling<br>Monoblock |
| <b>Temperature</b>   | GS & RA: -20°C-280°C<br>A3, HC, & DU: -40°C-280°C                           |

## Technical Data

| PUMP TYPE     |     | TCT65-160 |      | TCT65-200 |      | TCT65-250 | TCT65-315 |
|---------------|-----|-----------|------|-----------|------|-----------|-----------|
| Head, max     | Ft  | 43        | 155  | 63        | 260  | 115       | 180       |
| Capacity, max | GPM | 420       | 790  | 500       | 900  | 560       | 640       |
| Speed         | RPM | 1750      | 3500 | 1750      | 3500 | 1750      | 1750      |

## 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

| TCT65-200 A/1X-C/A3 |  |
|---------------------|--|
| T                   | Travaini manufacturer  |
| C                   | Monostage centrifugal pump   |
| T                   | Open vortex impeller   |
| 65                  | Discharge flange size (mmm)  |
| 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  |

\*\*Special materials available upon request

--For further information please consult Travaini Pumps USA.

|      |        |      |           |     |            |
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