

# TCK 100 Centrifugal Pump



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|                      |  |
|----------------------|--|
| <b>Head Capacity</b> | 35 to 300 Feet   |
| <b>Capacity</b>      | Up to 1150 USGPM   |
| <b>Features</b>      | Magnetically coupled design allows for leak proof operation                  |
| <b>Shaft Sealing</b> | Mechanical seal (standard)<br>Double mechanical seal<br>Packing stuffing box |
| <b>Options</b>       | Bareshaft Pump<br>Coupled to electric motor<br>Spacer Coupled<br>Monoblock   |
| <b>Temperature</b>   | GS & RA: -20°C-280°C<br>A3, HC, & DU: -40°C-280°C                            |

## Technical Data

| PUMP TYPE     |     | TCK100-200 |      |
|---------------|-----|------------|------|
| Head, max     | Ft  | 75         | 300  |
| Capacity, max | GPM | 920        | 1150 |
| Speed         | RPM | 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

| TCK100-200 A/1X-C/A3 |  |
|----------------------|--|
| T                    | Travaini manufacturer  |
| C                    | Monostage centrifugal pump   |
| K                    | Magnetically coupled   |
| 100                  | 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  |

\*\*Special Materials Available Upon Request  
--For further information please consult Travaini Pumps USA.

|      |       |      |           |     |            |
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