

TCT 40 Centrifugal Pump



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| | |
|----------------------|---|
| Head Capacity | 9-85 Feet |
| Capacity | Up to 255 GPM |
| Features | Semi-open impeller design allows for the handling of viscous liquids |
| Shaft Sealing | Mechanical seal (std.) Double mechanical seal Packed stuffing box |
| Options | Bareshaft pump Coupled to electric motor Spacer coupling Monoblock |
| Temperature | GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C |

Technical Data

| PUMP TYPE | | TCT40-125 | | TCT40-160 | | TCT40-200 | | TCT40-250 |
|---------------|-----|-----------|------|-----------|------|-----------|------|-----------|
| Head, max | Ft | 24 | 97 | 46 | 190 | 73 | 300 | 119 |
| Capacity, max | GPM | 115 | 190 | 110 | 240 | 123 | 250 | 220 |
| Speed | RPM | 1750 | 3500 | 1750 | 3500 | 1750 | 3500 | 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

| TCT40-200 A/1X-C/A3 | |
|---------------------|--|
| T | Travaini manufacturer |
| C | Monostage centrifugal pump |
| T | Open vortex impeller |
| 40 | 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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