

TCN 300 Centrifugal Pump



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| | |
|----------------------|--|
| Head Capacity | 55 to 160 Feet |
| Capacity | Up to 9000 USGPM |
| Features | Specially designed closed impeller allows for the handling of viscous liquids with low required NPSH |
| Shaft Sealing | Mechanical seal (standard) Double mechanical seal Packed stuffing box |
| Options | Bareshaft Pump Coupled to electric motor Monoblock |
| Temperature | GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C |

Technical Data

| PUMP TYPE | | TCN300-450 |
|---------------|-----|------------|
| Head, max | Ft | 160 |
| Capacity, max | GPM | 9000 |
| Speed | RPM | 980 |

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

| TCN300-450 A/1X-C/A3 | |
|----------------------|--|
| T | Travaini manufacturer |
| C | Monostage centrifugal pump |
| H | Impeller Type |
| 100 | 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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| REF: | XX/XX | Date | 9/12/2014 | Nº: | XX.XX.X.XX |
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