

Contact  
E-mail  
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**Customer**

Contact  
E-mail  
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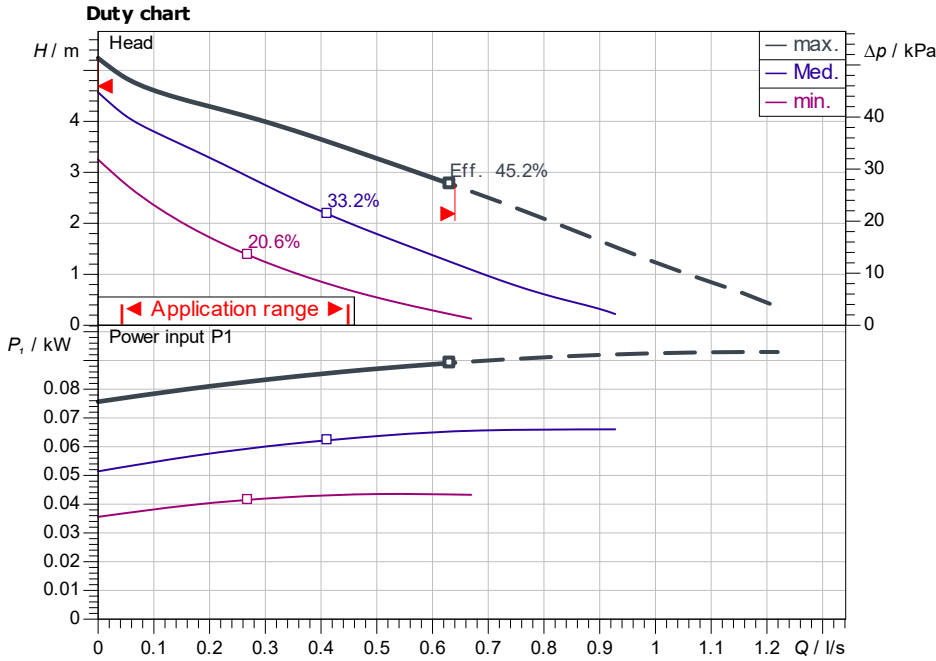
## Technical data

### Glandless standard pump STAR-Z 20/5-3(150mm)

Project ID                      Untitled project 2025-03-17 07:12:21.804

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-17



**Requested data**

|                   |                          |
|-------------------|--------------------------|
| Flow              |                          |
| Head              |                          |
| Media             | Water 100 %              |
| Fluid temperature | 20.00 °C                 |
| Density           | 998.30 kg/m <sup>3</sup> |
| Kin. viscosity    | 1.00 mm <sup>2</sup> /s  |

**Hydraulic data (Duty point)**

|                |  |
|----------------|--|
| Flow           |  |
| Head           |  |
| Power input P1 |  |

**Product data**

|  |                     |
|--|---------------------|
| Glandless standard pump  |                     |
| STAR-Z 20/5-3(150mm)   |                     |
| Max. operating pressure  | 1,000 kPa           |
| Fluid temperature  | 2 °C ... +65 °C     |
| Max. ambient temperature   | 40 °C               |
| Max. permitted total hardness in potable water circulation systems | 3.21 mmol/l (18°dH) |

**Motordata per Motor/Pump**

|                             |                   |
|-----------------------------|-------------------|
| Mains connection            | 1 ~ 230 V / 50 Hz |
| Permitted voltage tolerance | + - 10 %          |
| Max. speed                  | 1,900 1/min       |
| Power input P1              | 93 W              |
| Current consumption         | 0.4 A             |
| Degree of protection        | IP44              |
| Insulation class            | F                 |
| Motor protection            | No                |
| Type of connecting cable    | 1 x PG11          |

**Fitting dimensions**

|                                     |                |
|-------------------------------------|----------------|
| Pipe connection on the suction side | G 1 1/4, PN 10 |
| Pipe connection (pressure side)     | G 1 1/4, PN 10 |
| Port to Port                        | 150 mm         |

**Materials**

|              |                                     |
|--------------|-------------------------------------|
| Pump housing | Bronze, CC499K                      |
| Impeller     | PPE-GF30                            |
| Shaft        | Oxide ceramic                       |
| Bearing      | Carbon, synthetic resin-impregnated |

**Information for order placements**

|                |         |
|----------------|---------|
| Weight approx. | 2.4 kg  |
| Item number    | 4081198 |

