

Side Channel Pump **Type WPC**

- Self-priming
- Compact design
- Especially for tank trucks
- Airfield refueling



Applications

- | | |
|---|-------------------------------------|
| Oil & Gas | <input type="checkbox"/> |
| Chemistry & Petrochemistry | <input type="checkbox"/> |
| Offshore | <input type="checkbox"/> |
| Ship technology & Marine | <input type="checkbox"/> |
| Refueling equipment & Aviation | <input checked="" type="checkbox"/> |
| Industrial heating systems & Heat carriers | <input type="checkbox"/> |
| Tank storages & Tank farms | <input checked="" type="checkbox"/> |
| Renewable energy
& Enviromental Technology | <input type="checkbox"/> |

Side Channel Pump Type WPC

The type WPC 831 T is a single-stage centrifugal pump with a ring channel on one side. The design of the channel is the reason for the high delivery head and the self-priming capability. The compact and space saving design is tailored to the tight space conditions of tank trucks. A connection flange for direct mounting of a hydraulic motor is standard. Sealing to atmosphere is provided by chambered O-rings. The pump shaft is supported in two antifriction bearings.

Design

Pumptype	Side channel pump
Stages	single-staged
Sealing	Mechanical seal
Set-up	horizontal
Self-priming	yes
Bearings	Antifriction bearing
Lubrication	grease

Technical Data

Q max	55 m ³ /h**
H max	110 m**
Operating pressure	10 bar*
Temperature	100°C*
max rotational speed	2000 min ⁻¹

* higher temperatures and pressures on request

** depending on size and speed

Material

Ductile cast iron (EN-GJS)

Norm

ISO 5199

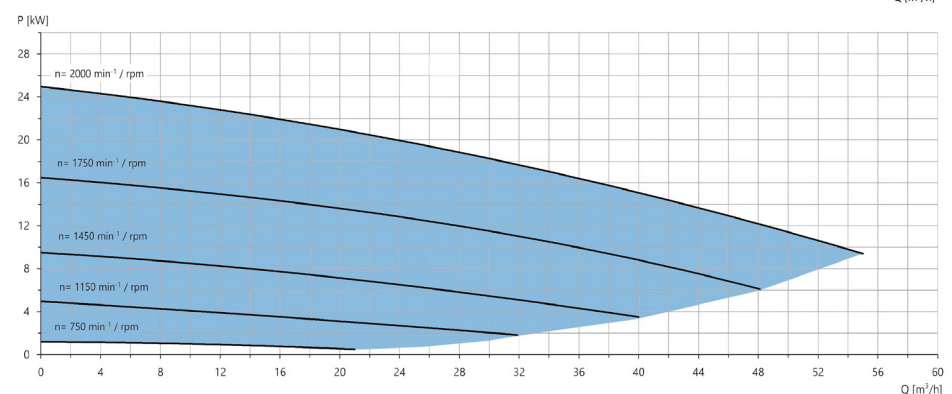
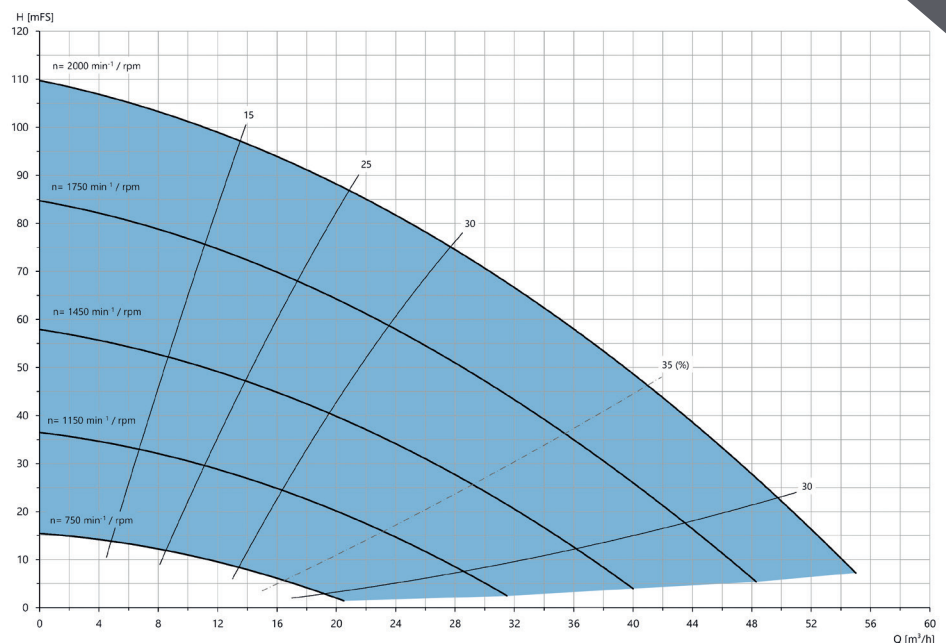
Explosion protection: Category 2/Zone 1

Options/Equipment variants

With overflow valve

Stainless steel design

Characteristic Curves



**Further
Information**



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