

TYPE SERIES R



Propeller pumps type series R are single stage or multi-stage, normal-priming axial pumps with permanent magnetic motor.

SERVICE DATA

Flow rate	Q up to 1.700 m ³ /h
Delivery height	H up to 23 m
Medium temperature ¹⁾	t from 0°C up to +60°C
Operating pressure ²⁾	p up to 6 bar

¹⁾ Liquid temperature depends on material, liquid and construction. Further information and other liquid temperatures on request.

²⁾ • Operating pressure = inlet pressure + max. pressure of the product
• Higher pressure on request

CONVEYING MEDIUM

Depending on material selection, clean and slightly soiled liquids.

MATERIALS

The standard material for pump casing/motor is spheroidal cast iron. Impeller and connection diffuser are made of bronze. Materials can be customized according to individual demands.

MOTOR

Low noise and innovative permanent magnet motor with high efficiency. For operation a frequency drive is essential.

BENEFITS

- ▶ Modularly expandable (multi-stage design)
- ▶ Highest efficiency (permanent magnet motor)
- ▶ Extremely quiet in operation
- ▶ Almost maintenance-free
- ▶ Special version with turbine operation (energy recovery)
- ▶ Special version with submersible motor possible
- ▶ Flow direction can be reversed, by reversing the drive direction (reversible design)
- ▶ Flow-optimized casing geometry with low losses
- ▶ Due to special construction no sealing necessary
- ▶ Very good adjustment of capacity possible (provided with frequency drive)
- ▶ Very compact, space saving construction
- ▶ Innovative and patented construction
- ▶ Flanges in allusion to ISO 7005

FIELDS OF APPLICATION

- ▶ Industry and Plant engineering
- ▶ Water treatment
- ▶ Shipbuilding
- ▶ Aquaculture
- ▶ Water supply