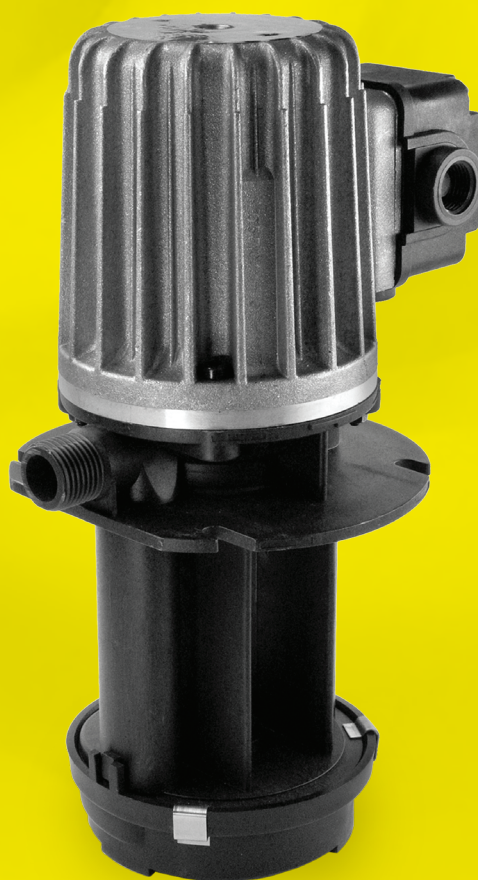


**Spandau
pumpen**

— by EBARA

PR4 - Immersion pumps sealless

Data Book 50/60Hz



Quality Management
ISO 9001: 2015

Environmental Management
ISO 14001:2015



www.ebaraeurope.com

Main applications

- Humidifiers, air conditioning
- Sawing machines
- Stone saws
- Grinding machines
- Cooling systems
- Machine tools
- etc.

Fluids delivered

- Emulsions, also with chemical additives
- Low-viscosity oils
- Various qualities of water
- etc.

Design features

- Vertical Installation
- G ½ male thread
- Direction of rotation: counterclockwise as viewed from above looking down on ventilation side of the motor.

Options

- Thermal circuit breaker in the winding or thermistor

Mechanical design

Component	PR4 type of machine	PR4/A901 type of system
Motor housing	aluminum	aluminum
Pump support	PPN	PPN
Pump bottom	PPN	PPN
Impeller	POM/GF	POM/GF
Shaft	ETG	Stainless steel 1.4122
Antifriction bearings	Radial deep-groove ball bearing with two side plates (2RS); with permanent lubrication	Radial deep-groove ball bearing with two side plates (2RS); with permanent lubrication
Splash guard	Splash ring above pump chamber	Splash ring above pump chamber Plus: splash ring underneath flange, V-ring underneath lower ball bearing

Electrical data

Rated frequency [Hz]	Rated voltage Δ / Y [V]	Rated current Δ / Y [A]	Rated power [kW]	Rated speed [rpm]
50	230 / 400	0.33 / 0.19	0.05	2730
60	230 / 400	0.33 / 0.19	0.05	3300

Degree of protection: IP 54

Insulation class: F.B

CE mark

Noise level: 46 dB(A)

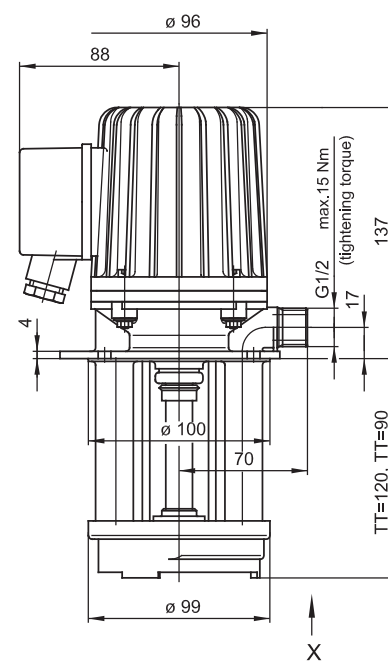
Please note: All equipment may only be installed and/or assembled by qualified personnel. Observe existing safety regulations. To avoid errors please consult our operating instructions.

Ebara Pumps Europe S.p.A.

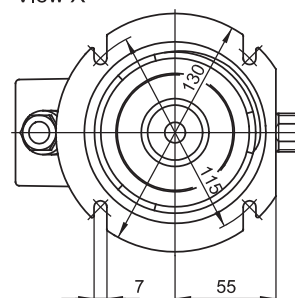
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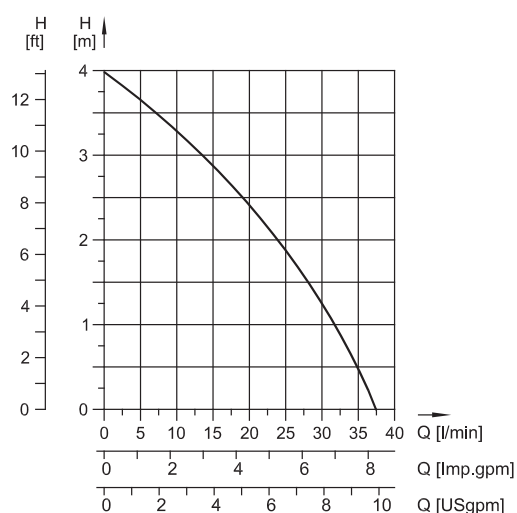
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View X



Characteristic for 50 and 60 Hz



The data apply to fluids with a viscosity of $\sim 1 \text{ mm}^2/\text{s}$ at a density of $\sim 1 \text{ kg}/\text{dm}^3$

**Spandau
pumpen**

— by **EBARA**

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