

DATA SHEET

RPA, G 6/4" Pump



Main Features

Description	High-efficiency wet-running ON/OFF circulation pump intended for circulation of fluids in heating systems; the pump is equipped with an anti-block motor w. integrated electronic performance control; LED operation indication for easy monitoring; selection from the following modes possible: constant speed I, II, III, PP mode for variable differential pressure or CZ for constant differential pressure. The pump is available in two versions, with max. head either 8.5 m or 6.25 m. The port-to-port length is always 180 mm.
Working fluid	Water, water-glycol mixture (max. 1:1) – pH 6.5-8.5. We recommend placing a filter with a mesh size of max. 0.6 mm upstream of the pump – e.g. Magnet FilterBall – see the Catalogue for codes.
Codes	type 25-8: 21416 – 180 mm type 25-6: 21683 – 180 mm

Technical Data

Fluid working temperature	5–110 °C
Ambient temperature	0–40 °C
Max. relative humidity	95 % non condensing
Max. working pressure	10 bar
Max. head	type 25-8 – 8,5 m, type 25-6 – 6,25 m
Port-to-port length	180 mm
Connection	G 6/4"
Weight	1.86 kg

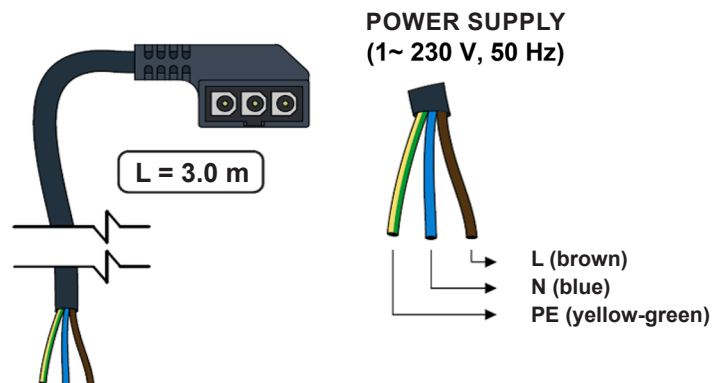
Electric Data

Power supply	1~230 V, 50/60 Hz
Max. power consumption	type 25-8 – 65 W, type 25-6 – 45 W
Max. current	type 25-8 – 0,65 A, type 25-6 – 0,42 A
IP rating	IP 44
Insulation class	F
Motor protection	not needed (block resistant)

Minimum pressures at suction port to avoid cavitation

Minimum pressures at suction port	0.5 mH ₂ O at 85 °C 2.8 mH ₂ O at 90 °C 11.0 mH ₂ O at 110 °C
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Electrical connection



3 m long power supply cable with connector is included in supply.