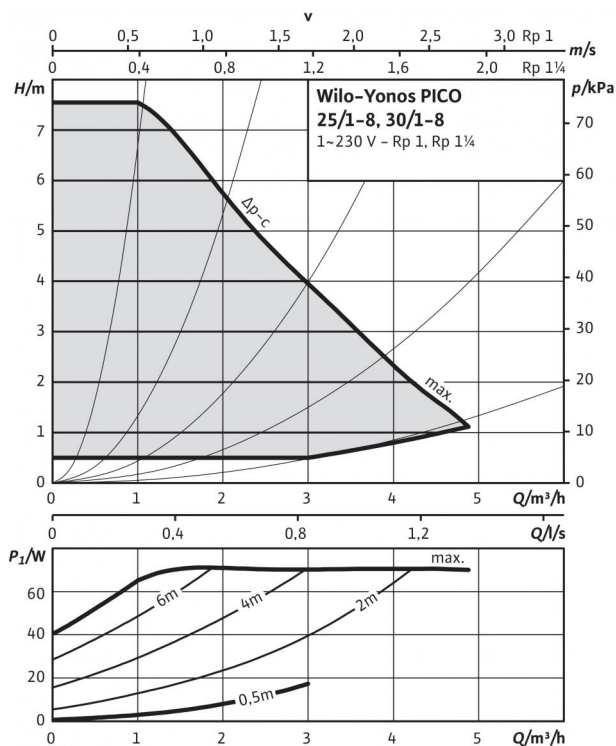
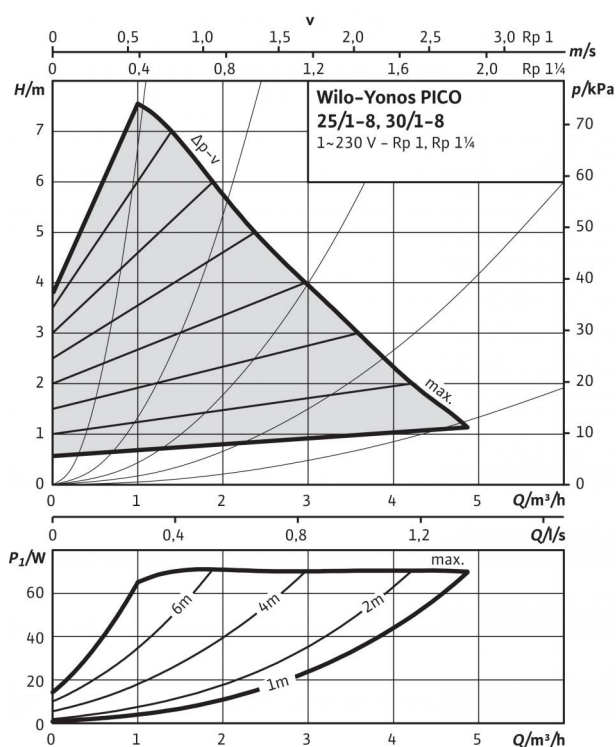


Data sheet: Yonos PICO 25/1-8

Pump curves Δp -c (constant)



Pump curves Δp -v (variable)



Approved fluids (other fluids on request)

Heating water (in accordance with VDI 2035)

Water-glycol mixtures (max. 1:1; above 20% admixture, the pumping data must be checked)

Permitted field of application

Temperature range at max. ambient temperature +25 °C

-10...+110 °C

Temperature range at max. ambient temperature +40 °C

-10...+95 °C

Maximum permissible operating pressure P_{max}

6 bar

Pipe connections

Threaded pipe union

Rp 1

Nominal flange diameter

DN 25

Thread

G 1½

Overall length L_0

180 mm

Motor/electronics

Energy efficiency index (EEI)

≤ 0.20

Electromagnetic compatibility

EN 61800-3

Emitted interference

EN 61000-6-3

Interference resistance

EN 61000-6-2

Speed control

Frequency converter

Protection class

IP X2D

Insulation class

F

Mains connection

1~230 V, 50/60 Hz

Speed n

1170 - 4800 rpm

Rated power P_2

33 W

Power consumption P_1

4 - 75 W

Current consumption I

max. 0.66 A

Motor protection

Not required (blocking-current proof)

Screwed cable connection connector

11 PG

Materials

Pump housing

Grey cast iron (EN-GJL-200)

Impeller

Plastic (PP - 40% GF)

Pump shaft

Stainless steel

Bearing

Carbon, metal impregnated

Minimum suction head at suction port for avoiding cavitation at water pumping temperature

Minimum suction head at 50 / 95 / 110 °C

0.5 / 3 / 10 m

Information for order placements

Make

Wilo

Type

Yonos PICO 25/1-8

Art no.

4164019

Weight approx. m

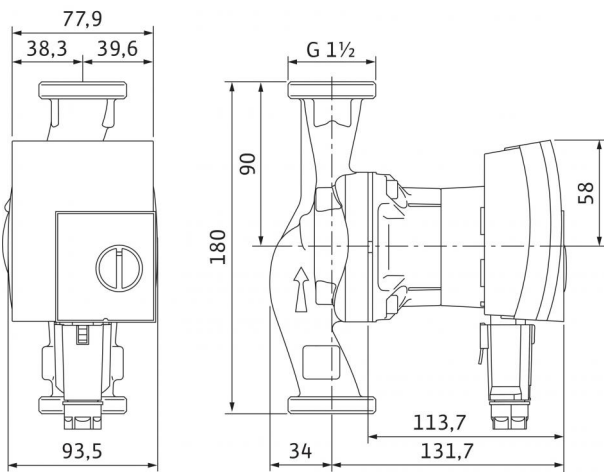
2.25 kg

• = appropriate, - = not appropriate

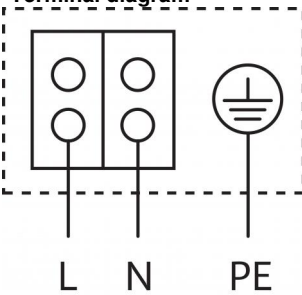
The benchmark for the most efficient circulators is $EEI \leq 0.20$.

Data sheet: Yonos PICO 25/1-8

Dimension drawing



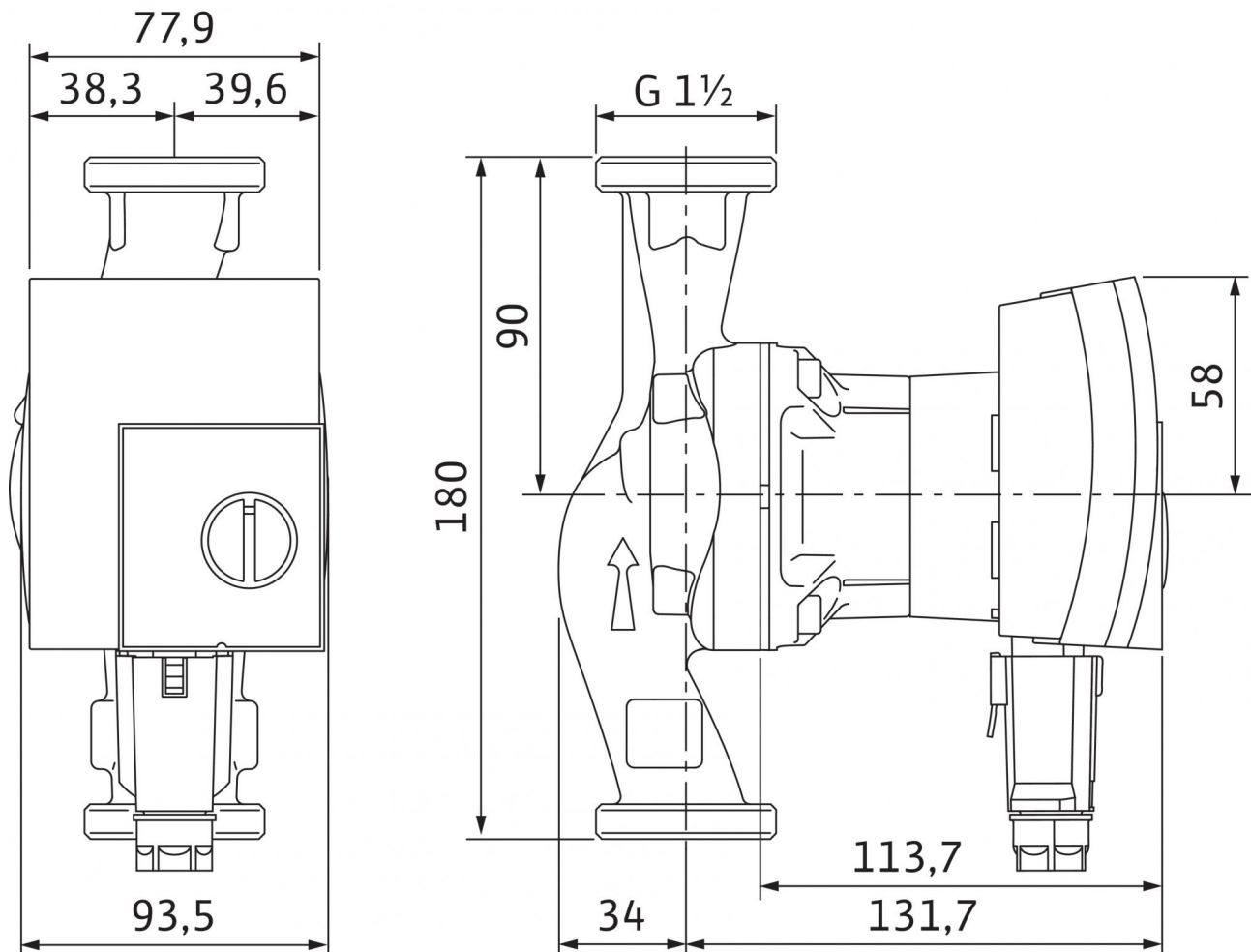
Terminal diagram



Blocking current-proof motor
 Single-phase motor (EM) 2-pole - 1~230 V, 50 Hz

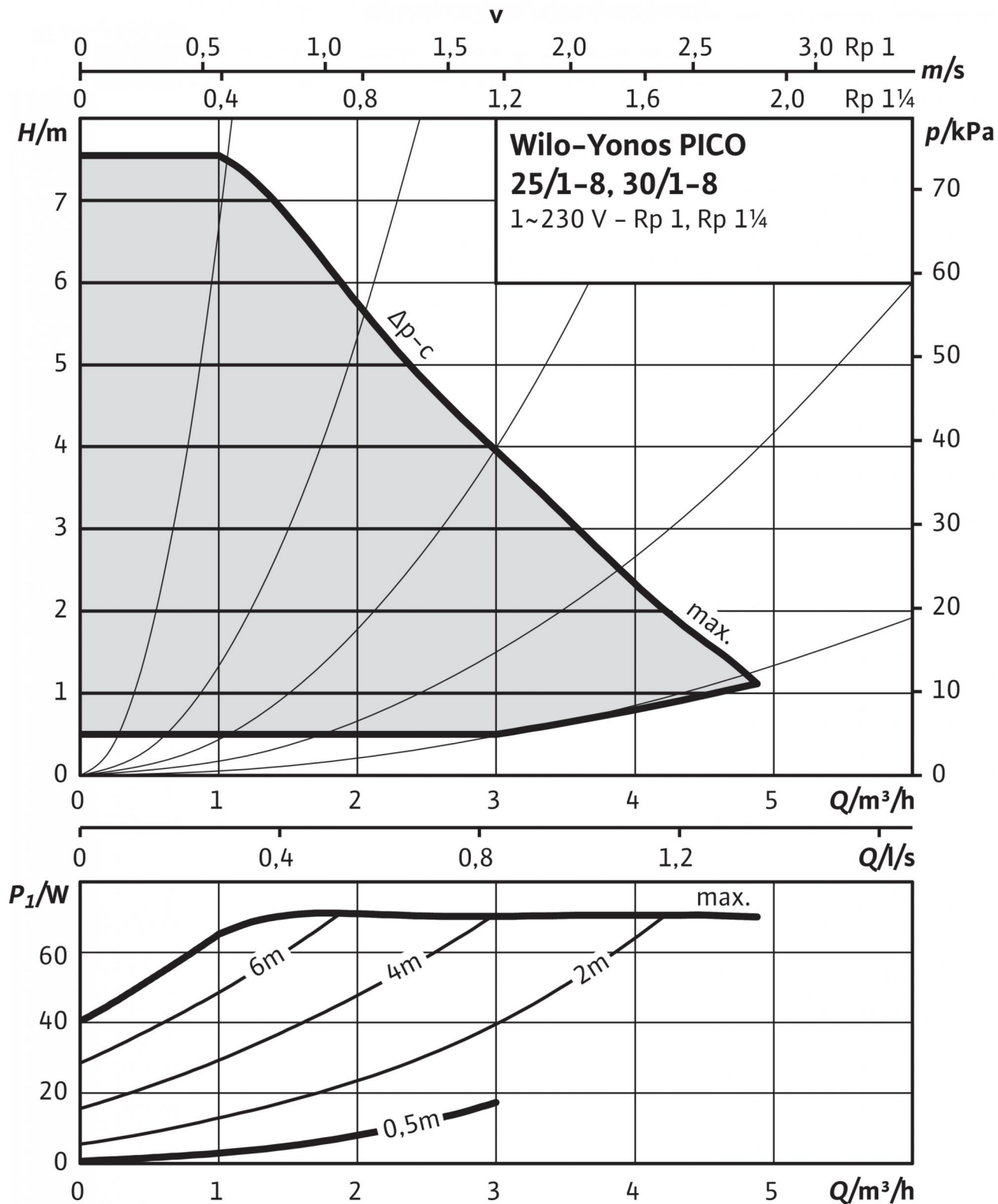
Dimensions and dimensions drawings: Yonos PICO 25/1-8

Dimension drawing



Pump curves: Yonos PICO 25/1-8

Pump curves Δp -c (constant)



Pump curves: Yonos PICO 25/1-8