

Data sheet: Yonos PICO 25/1-6

Hydraulic data

Max. volume flow Q	3.5 m ³ /h
Max. delivery head H	6.00 m
Energy efficiency index (EEI)	0.20

Motor data

Mains connection	1~230 V $\pm$ 10%, 50/60 Hz
Power consumption $P_{1 \text{ max}}$	40 W
Power consumption $P_{1 \text{ min}}$	4 W
Max. speed n_{max}	4200 rpm
Min. speed n_{min}	800 rpm
Insulation class	F
Protection class	IPX2D
Electromagnetic compatibility	EN 61800-3
Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2

Materials

Bearing	Total carbon
Impeller	PP-GF40
Pump housing	5.1300, EN-GJL-200
Shaft	1.4122, X39CrMo17-1

Product data

Maximum operating pressure PN	10 bar
Max. ambient temperature T	40 °C
Min. ambient temperature T	-10 °C
Max. fluid temperature T	95 °C
Min. fluid temperature T	-10 °C

Installation dimensions

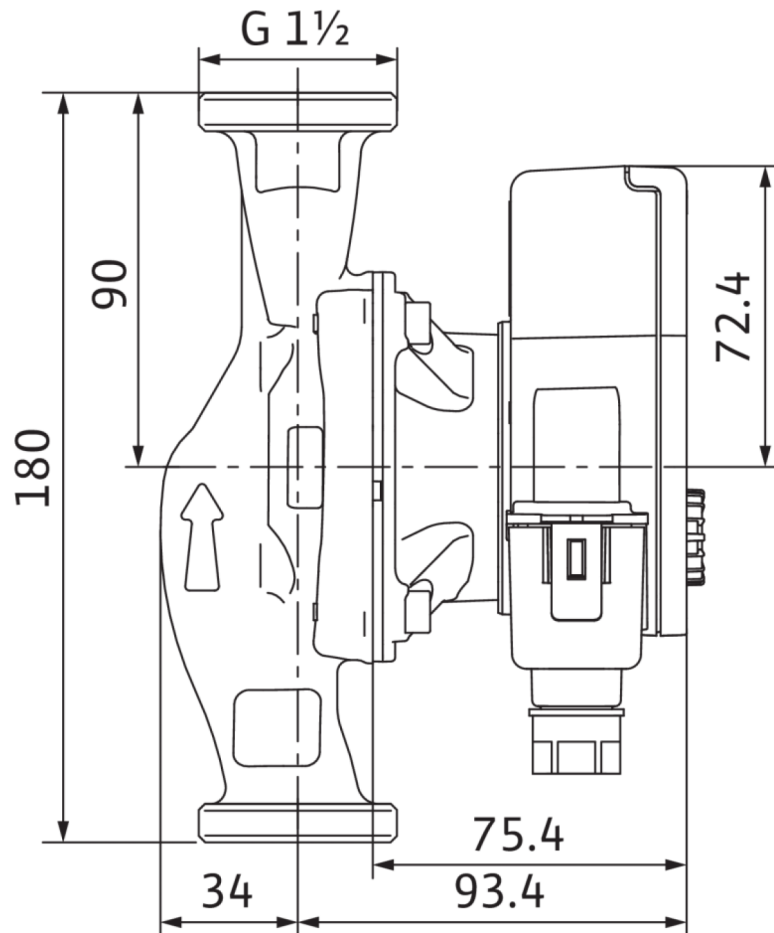
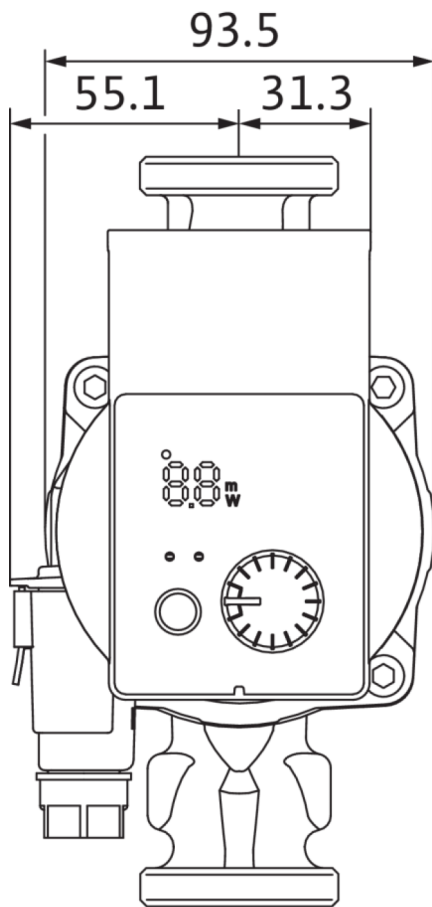
Pipe connection on the pressure side	G 1½
Pipe connection on the suction side	G 1½
Port-to-port length l_0	180 mm

Information for order placements

Brand	Wilo
Product description	Yonos PICO 25/1-6
Article number	4215515
Net weight, approx. m	2 kg

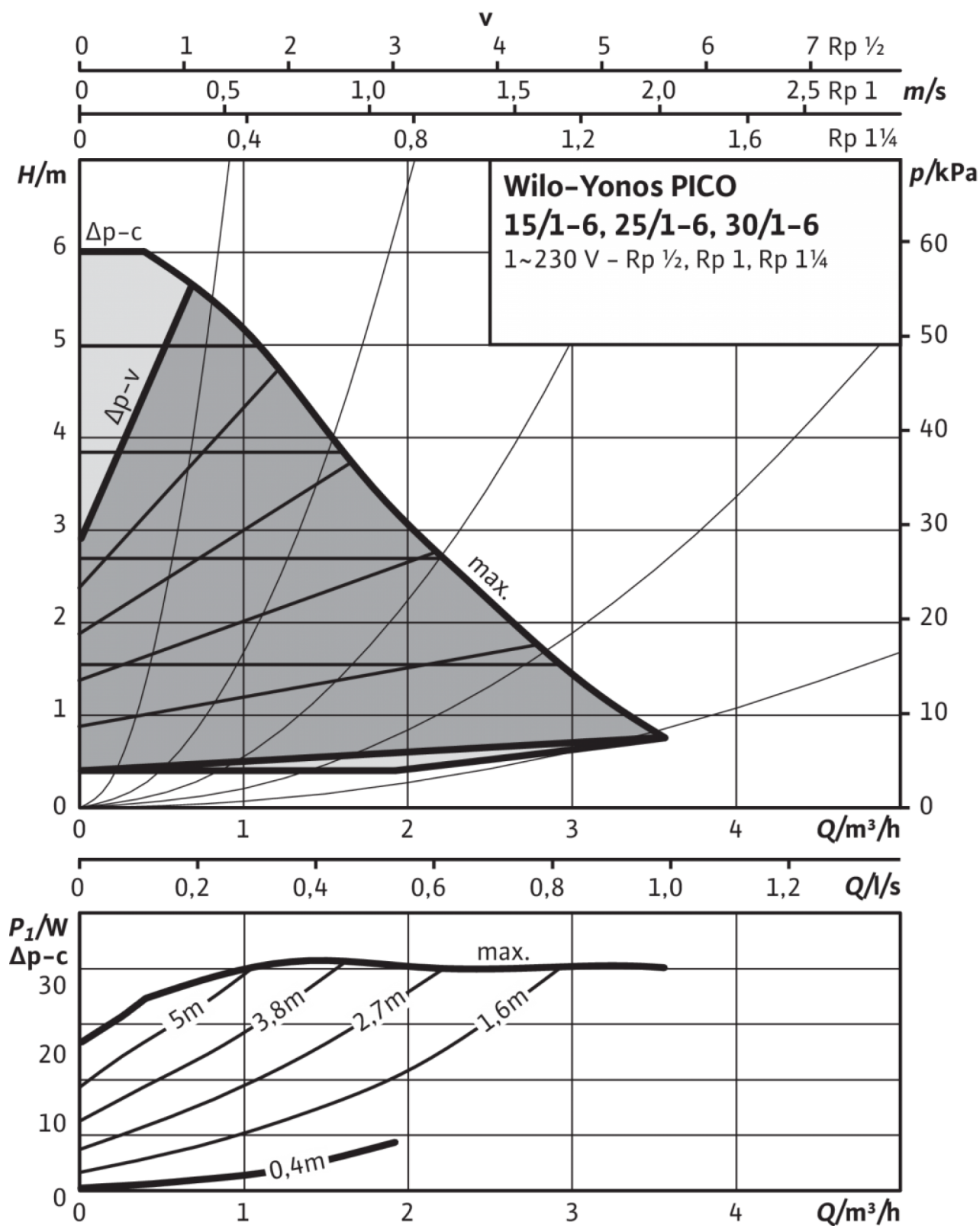
Dimensions and dimensions drawings: Yonos PICO 25/1-6

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Pump curves: Yonos PICO 25/1-6

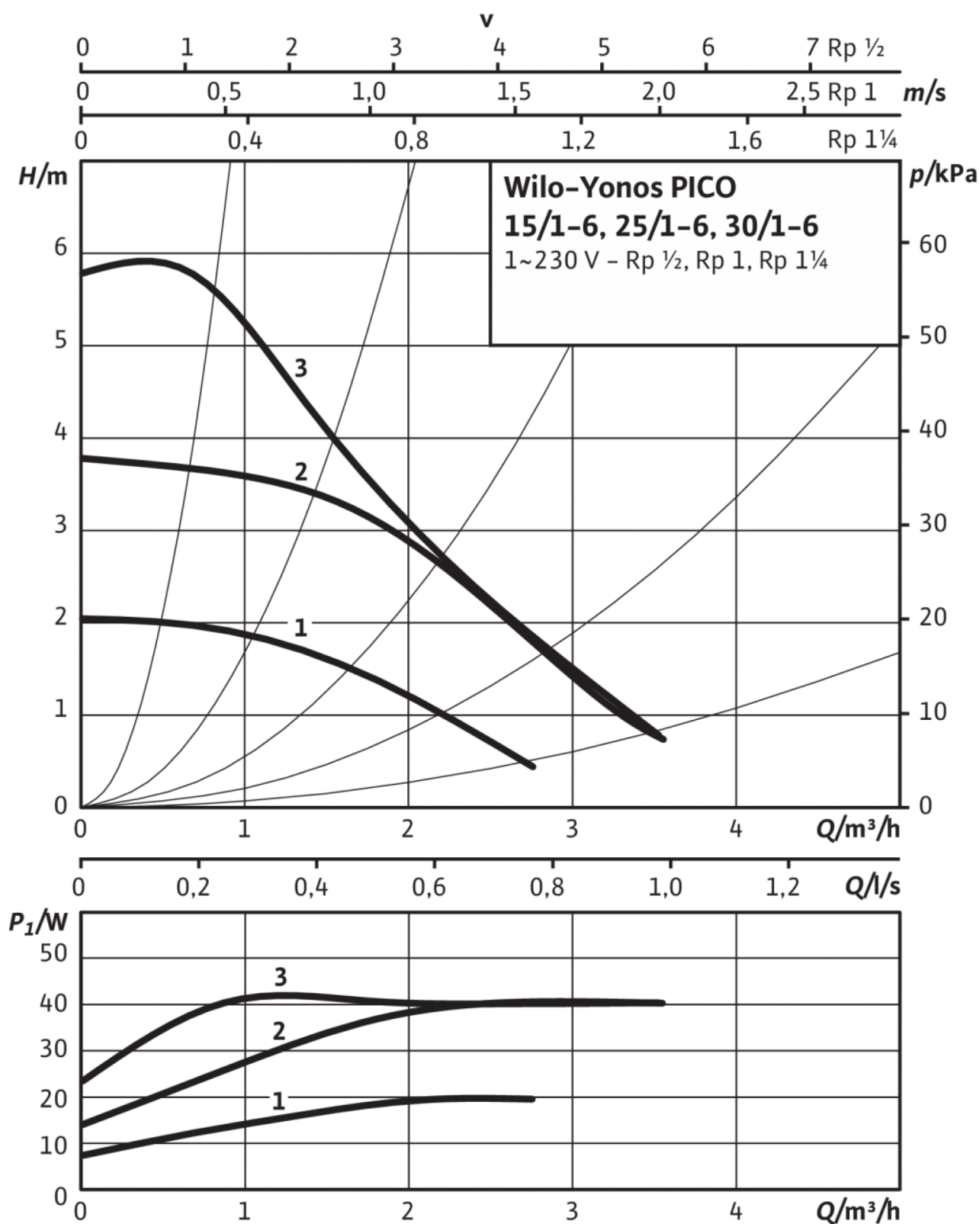
Yonos PICO 15/1-6, 25/1-6, 30/1-6, $\Delta p-v$ (variable)



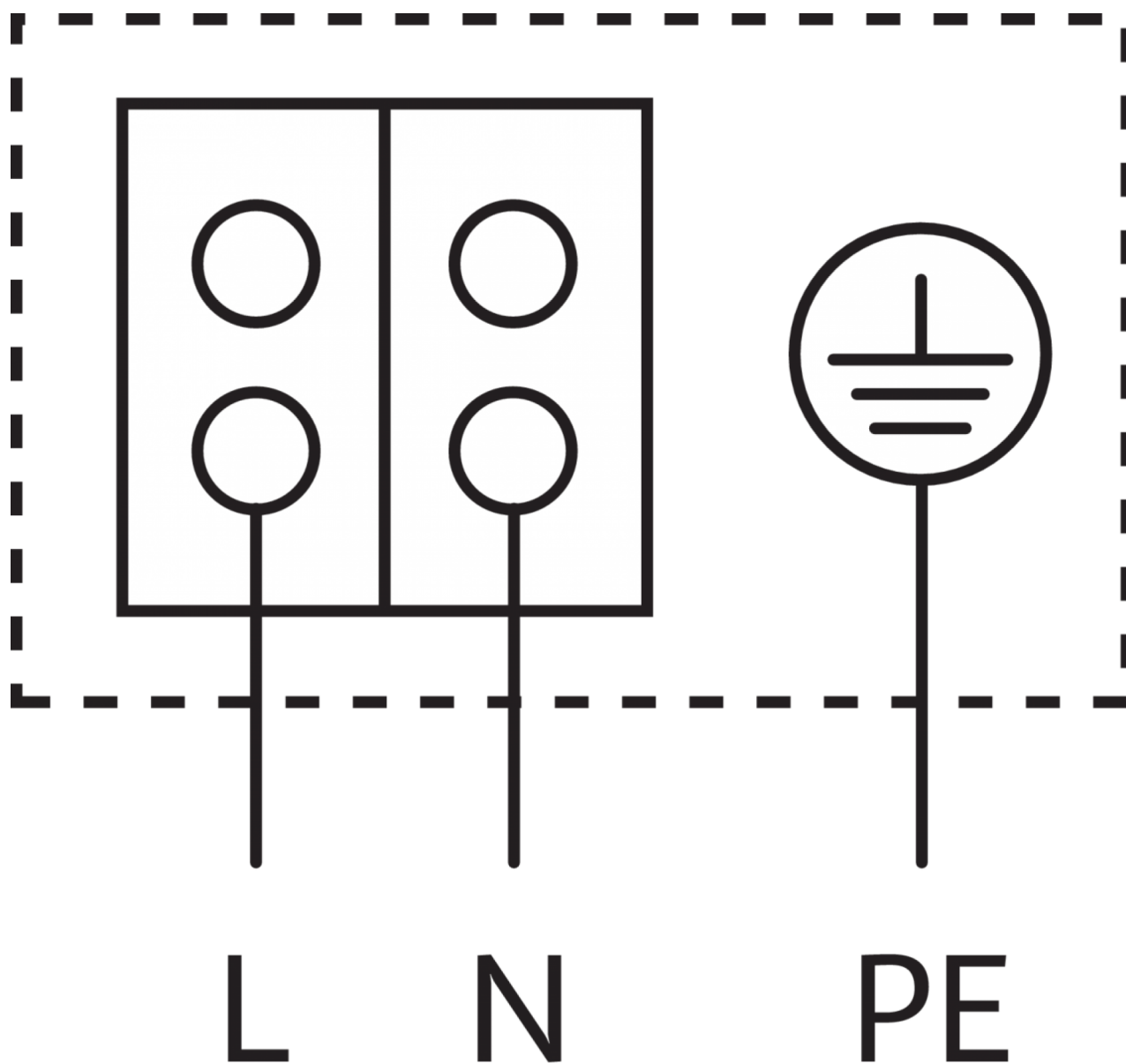
Yonos PICO 15/1-6, 25/1-6, 30/1-6, $\Delta p-c$ (constant)

Pump curves: Yonos PICO 25/1-6

Yonos PICO 15/1-6, 25/1-6, 30/1-6, Δp -c (constant)



Wiring diagram: Yonos PICO 25/1-6



Blocking current-proof motor

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

Tender text: Yonos PICO 25/1-6

High-efficiency pump Wilo-Yonos PICO, electronically controlled. Maintenance-free glandless circulator with screwed connection, blocking-current proof synchronous motor according to ECM technology and built-in electronic power control for variable differential pressure control. Can be used for all heating and air-conditioning applications. Control mode can be selected in accordance with the radiator/underfloor heating application.

Standard-equipped with:

- Preselectable control modes for optimum load adjustment: Differential pressure constant (Δp -c), differential pressure variable (Δp -v), constant speed (3 pump curves)
- Integrated motor protection
- LED for setting the setpoint and displaying the current consumption in watts
- Automatic deblocking function
- Manual pump venting function for venting the rotor chamber
- Manual restart

Materials		Operating data	
Pump housing	5.1300, EN-GJL-200	Fluid media	Water
Impeller	PP-GF40	Min. fluid temperature T	-10 °C
Shaft	1.4122, X39CrMo17-1	Max. fluid temperature T	95 °C
Bearing	Total carbon	Maximum operating pressure PN	10 bar
		Minimum suction head at 50 °C	0.5
		Minimum suction head at 95 °C	3
		Minimum suction head at 110 °C	10
		Max. ambient temperature T	40 °C
Motor data		Installation dimensions	
Energy efficiency index (EEI)	0.20	Pipe connection on the suction side	G 1½
Emitted interference	EN 61000-6-3	Port-to-port length l_0	180 mm
Interference resistance	EN 61000-6-2		
Mains connection	1~230 V, 50/60 Hz		
Power consumption $P_{1 \max}$	40 W		
Min. speed $n_{\min}$	800 rpm		
Max. speed $n_{\max}$	4200 rpm		
Protection class motor	IPX2D		
Information for order placements			
Net weight, approx. m	2 kg		
Brand	Wilo		
Product description	Yonos PICO 25/1-6		
Article number	4215515		