Data sheet

Hydraulic data

Maximum operating pressure *PN*	10 bar
Head max H_{max}	4.0 m
Flow max Q_{max}	1.5 m³/h
Minimum suction head at 50 °C *m*	0.5 m
Minimum suction head at 95 °C *m*	3 m
Minimum suction head at 110 °C	10 m
Min. fluid temperature T_{min}	2 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.16
Mains connection	1~230 V ±10%, 50/60 Hz
Rated power P_2	16 W
Min. speed n_{min}	1200 1/min
Max. speed n_{max}	3500 1/min
Power consumption $P_{1\ min}$	3 W
Power consumption $P_{1\ max}$	25 W
Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Electromagnetic compatibility	EN 61800-3
Threaded cable connection	1 x PG11
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-GF40
Shaft	Stainless steel
Bearing	Carbon, metal-impregnated

Installation dimensions

Pipe connection on the discharge side *DNd*	G 2
Pipe connection on the suction side *DNs*	G 2
Port-to-port length *L0*	180 mm

Equipment/function

Function

Control mode	Δp-v for variable differential pressure Δp-c for constant differential pressure
Special features of the series	Night set back

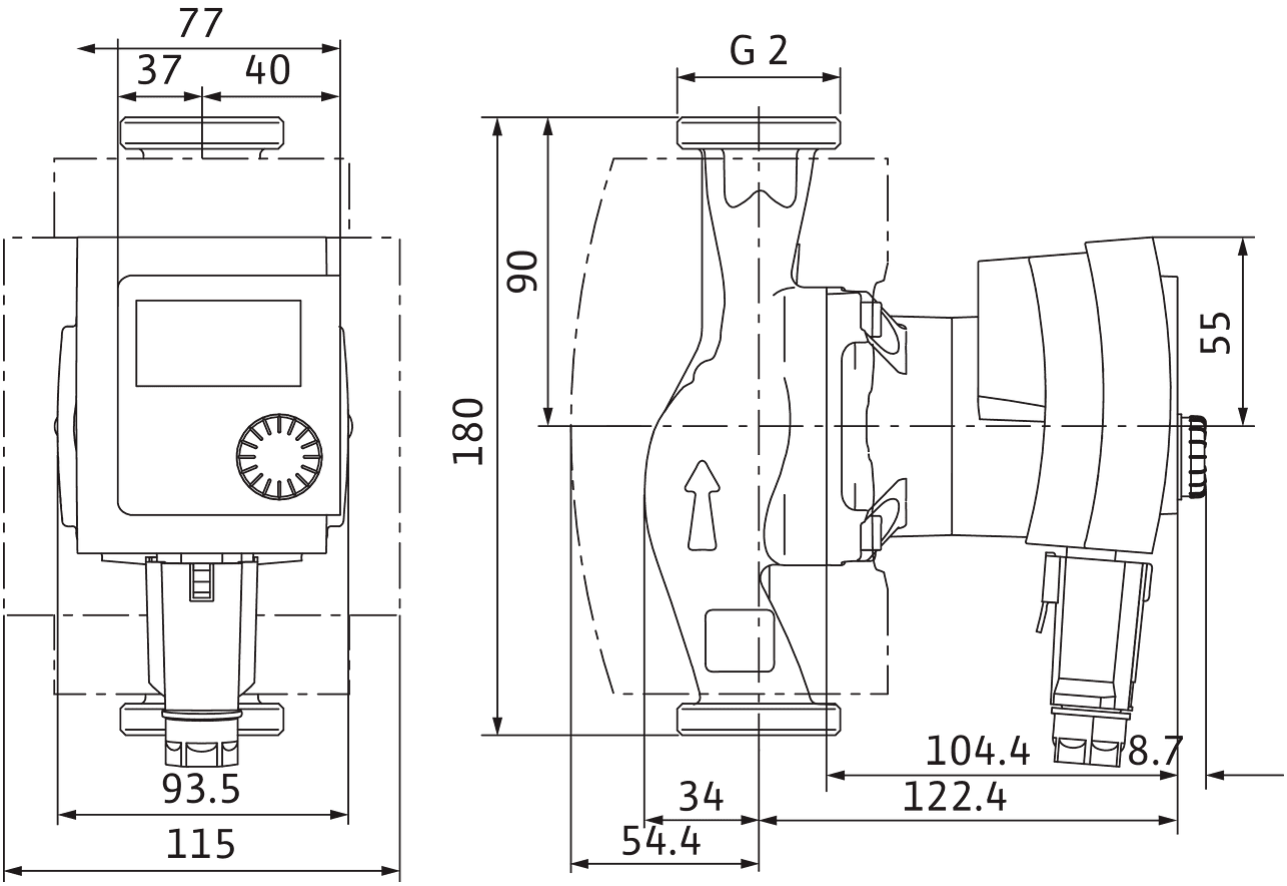
Equipment

Display	LCD display
Display information	Standard Version: LC Display for showing head, actual and cumulated current
Pump control	Electronic-controlled pump

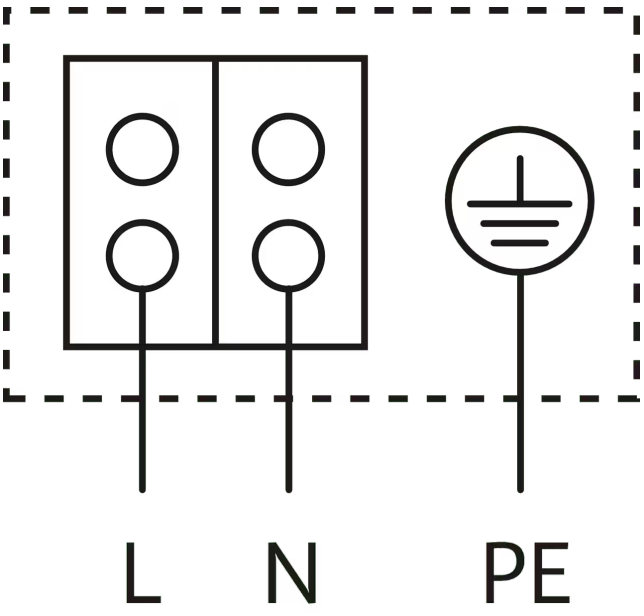
Pump curves

Dimensions and dimensions drawings

4216614_ConGraph_stratos_pico_180__dim_01



Wiring diagram



Blocking current-proof motor

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