Non contractual pictures

Para 15-130/6-43/SCU-12

Construction

Glandless circulation pump with a cast iron or composite pump housing and threaded or clipped connection. EC motor with automatic power adjustment and self-protecting modes.

Type key

Example:	Para 15-130/7-50/SCU-12
Para	Electronically controlled high-efficiency pump. Pump range adapted to requirements of the OEM market.
15-130	Nominal diameter - Pump housing length (inline cast iron) RSB = Cast iron axial pump housing KU = Composite inline pump housing KSL = Composite OEM pump housing RSL = Composite inline pump housing MSL = Composite OEM pump housing NFSL = Composite OEM pump housing HU 15 = Hydraulic unit HU 25 = Hydraulic unit
7-50	Nominal delivery head range [m] - Power consumption
SCU	SCU = self controlled pump dedicated for high-efficiency applications ; Δp-v, Δp-c, constant speed I, II, III
12	Position of electronic module

Your advantages

- → Easy handling and commissioning with adjusted predefined settings, the green push button and a LED interface
- → Flexible integration thanks to a large choice of pump housings
- → Easy installation thanks to a compact and standardised design with a front access to the signal connector and screws
- → High system protection due to integrated functionalities such as air venting, manual restart as well as reset to factory settings

Technical data (type)	
Approved liquids (other liquids upon request)	
Heating water (as per VDI 2035)	yes
Water-glycol mixtures (max. 1:1; above 20% admixture, the pumping data must be checked)	yes
Min. fluid temperature T_{min}	-10 °C
Max. fluid temperature T_{max}	95 °C
Min. ambient temperature T_{min}	-10.0 °C
Max. ambient temperature T_{max}	70.0 °C
Maximum operating pressure *PN*	10 bar
Min. suction head (to avoid cavitation at suction port at water pumping temperature)	
Minimum suction head at 50 °C *m*	0.5 m
Minimum suction head at 95 °C *m*	4.5 m
Motor data	
Energy efficiency index (EEI)	≤ 0.20

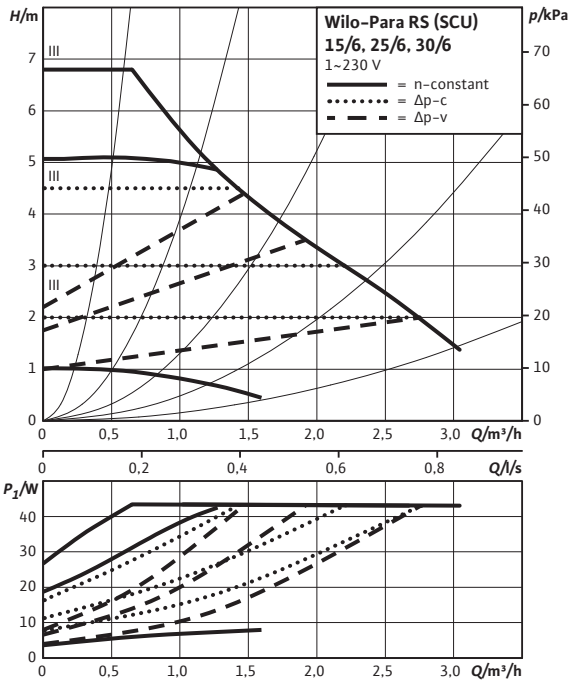
Pump operation in high ambient / fluid temperature may affect hydraulic performance. For further information please contact Wilo.

Technical data (type)	
Mains connection	1~230V +10/-15%, 50/60Hz
Approvals and markings	CE / EAC / UA
Insulation class	F
Motor protection	integrated
Power consumption $P_{1\,min}$	3 W
Power consumption $P_{1\,max}$	43 W
Max current I_{max}	0.44 A
Protection class	IPX4D
Power consumption in standby mode *P1*	≤0.5 W
Materials	
Pump housing	Cast iron with cataphoresis treatment
Impeller	PP-GF40
Shaft	Stainless steel
Bearing	Carbon

Pump operation in high ambient / fluid temperature may affect hydraulic performance. For further information please contact Wilo.

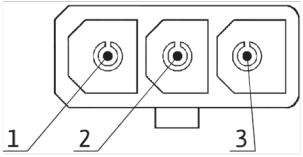
Pump curve

Wilo-Para RS SCU 15/6, 25/6, 30/6



Connector diagram

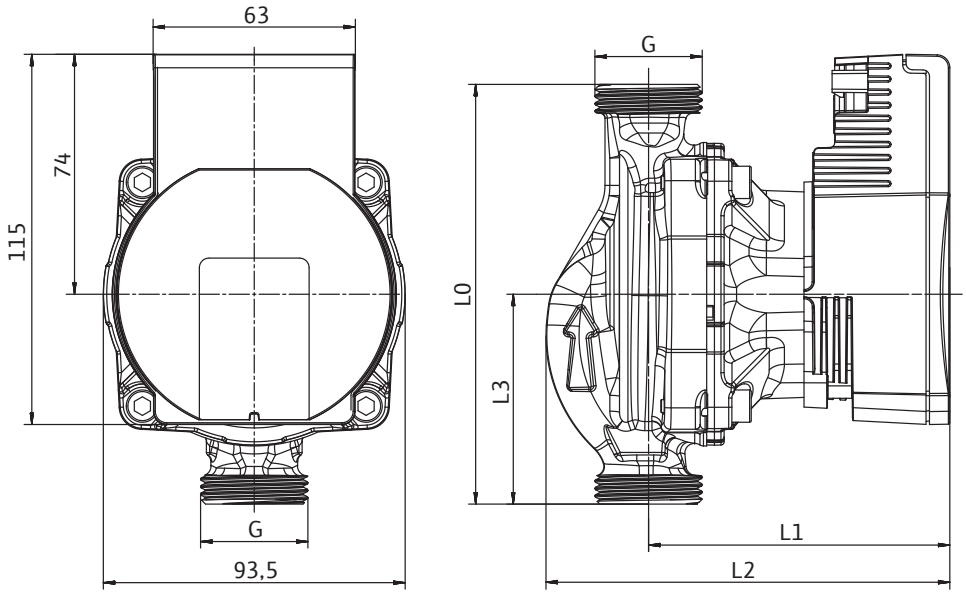
Power - Integrated 3-way connector type Molex 5025-03 for plug Facon PR60 or equivalent



1. L
2. Neutral
3. PE

Dimension drawing (variable)

Wilo-Para RS SC

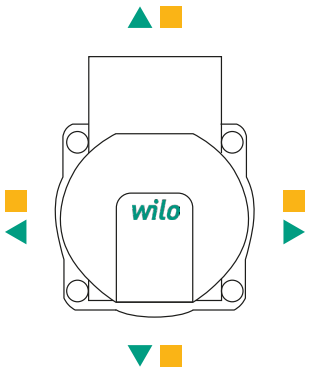


Technical data

Name	Para 15-130/6-43/SCU-12	Para 25-130/6-43/SCU-12	Para 25-180/6-43/SCU-12	Para 30-180/6-43/SCU-12
Connection input	G 1	G 1½		G 2
Connection output	G 1	G 1½		G 2
Port-to-port length *L0*	130 mm		180 mm	
Dimensions *L1*	94 mm			
Dimensions *L2*	125 mm	127 mm		
Dimensions *L3*	65 mm	65 mm	90 mm	90 mm
Gross weight, approx. *m*	1.5 kg	1.6 kg	1.8 kg	1.9 kg

Sectional drawing

Flow and terminal box orientations



Allowed positions

Flow

Terminal box