Base Pump (Wilo A rated with 6m head & cable)

RADICAL UNDERFLOOR HEATING

Field of application

Heating

Para Ku 15-130 /6-43/SC-12	
WILO	**High Efficiency pump for heating application**
Ku	Inline Composite OEM pump housing
15	Threaded connection DN15 (20, 25: also available)
6	6,3 = delivery head in [m] at Q = 0 m3/h
43	Max power consumption
SC	The pump is controlled by Push button technology SC = P-v, P-c, constant speed I, II, III
12	Controlbox orientation 12 o'clock(3, 6, 9 o'clock: alsoavailable)

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)

Power

Energy Efficiency Index (EEI)	≤ 0.20
Max. delivery head	6,3 m
Max. volume flow	2,6 m3/h

Permitted field of application

Temperature range for applications in HVAC systems at max. ambient temperature. Limit values for continuous operation at maximum rated power	Of 58°C = 0 to 100°C Of 62°C = 0 to 90°C Of 66°C = 0 to 80°C Of 71°C = 0 to 70°C
Maximum static pressure	PN6

Electrical connection

Mains connection	1~230 V +10%/-15%, 50/60 Hz (IEC 60038 standard voltage)

Motor/electronics

Low voltage directive	2006/95/EC Conform EN
Electromagnetic compatibility	61800-3
Emitted interference	EN 61000-6-3 EN 61000-6-4
Interference resistance	EN 61000-6-2 EN 61000-6-1
Protection class	IPx4D
Insulation class	F Compliantbut not
RoHS/ REACH	submitted

Minimum suction head at suction port to avoid cavitationat water pumping temperature

Minimum suction head at 50/95°C	0.5/4.5 m

Motor data

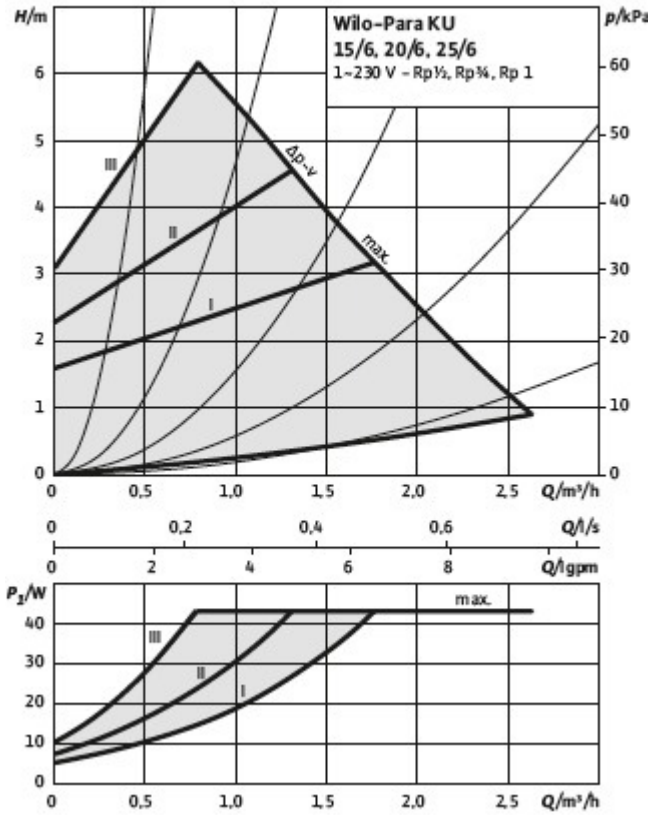
Para	Speed	Power consumption 1-230 V	Current at 1-230 V	Motor protection
	n	P1	I	-
	rpm	W	A	-
Ku 6/ SC	2430 -4300	3-43	0,04-0.39	Integrated

Materials

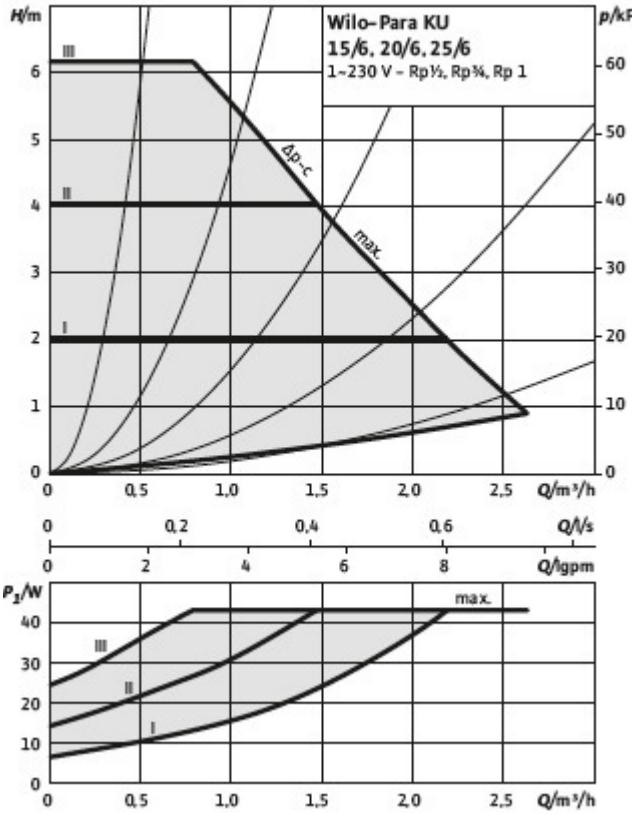
Para	Pump housing	Impeller	Pump shaft	Bearing
Ku 6/ SC	PA6.6 composite with GF 30%	PP composite with GF 40%	Stainless steel	Carbon, metal impregnated

Hydraulic operational area

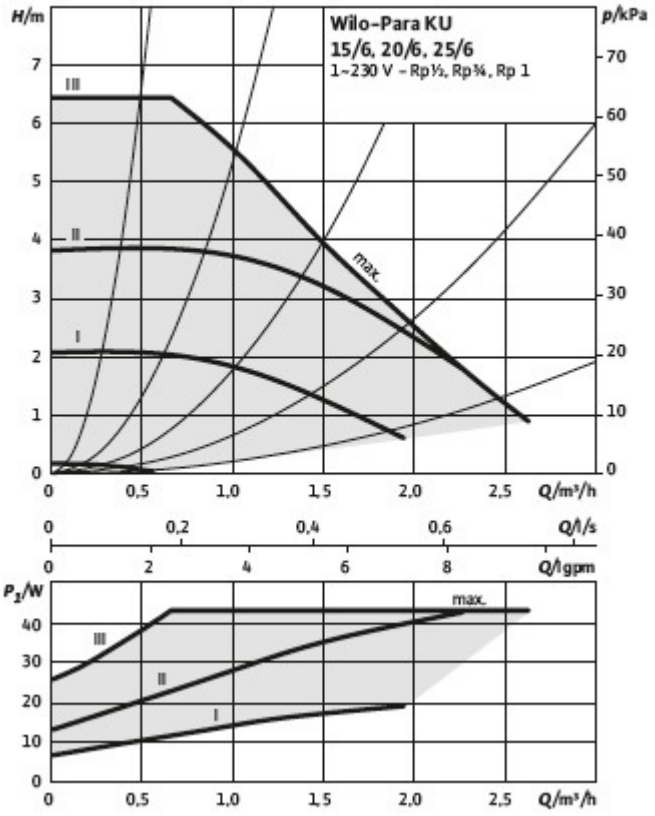
Δp-v (variable)



Δp-c (constant)

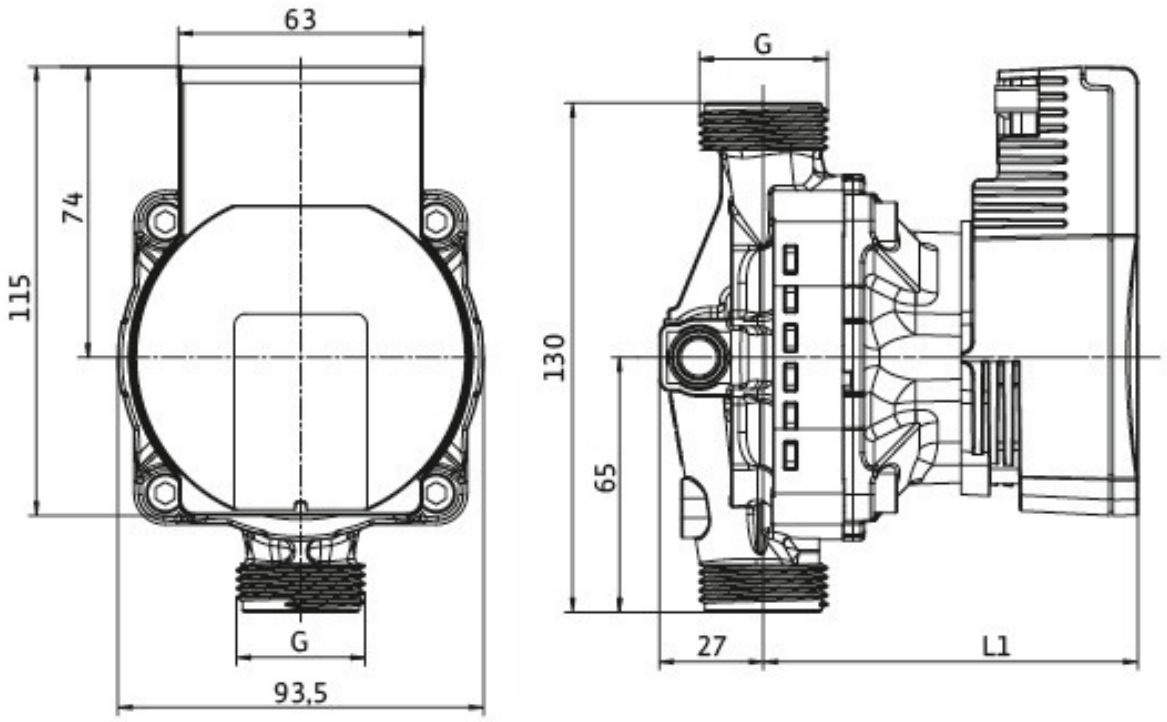


Constant speed I, II, III



Dimensions

Wilo-Para KU



Technical data			
Designation	**Para KU15-130/6-43/SC**	**Para KU15-130/7-50/SC**	**Para KU15-130/8-75/SC**
Threaded pipe union	Rp ½		
Thread	G 1		
Overall length l_o	130 mm		
Weight approx. *m*	0.9 kg		1.1 kg
Dimensions *L1*	96 mm		108 mm

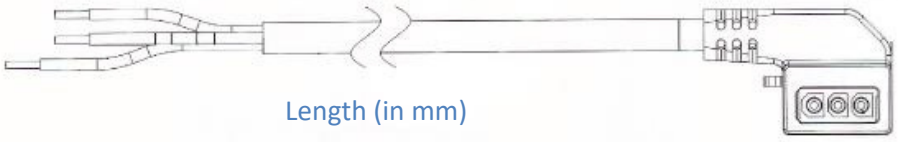
Technical data			
Designation	**Para KU20-130/6-43/SC**	**Para KU20-130/7-50/SC**	**Para KU20-130/8-75/SC**
Threaded pipe union	Rp ¾		
Thread	G 1¼		
Overall length l_o	130 mm		
Weight approx. *m*	0.9 kg		1.1 kg
Dimensions *L1*	96 mm		108 mm

Technical data			
Designation	**Para KU25-130/6-43/SC**	**Para KU25-130/7-50/SC**	**Para KU25-130/8-75/SC**
Threaded pipe union	Rp 1		
Thread	G 1½		
Overall length l_o	130 mm		
Weight approx. *m*	0.9 kg		1.1 kg
Dimensions *L1*	96 mm		108 mm

Electrical Power connections

IntegratedMolex3-way connector

Accessoriespower cable



Available mains cables			
Overmoulded power connector with brass end splices and type Facon PR260 on terminal box side (deconnection pos s ible)	cable length 500mm cable length 1000mm cable length 1500mm cable length 2000mm	453096 6 452457 8	**Not assembled**
	Molex 3 ways	453076 3 452785 7	
	WS8		

ElectricalBox orientation

▲ Flow direction