Pioneering for You

HVAC OEM Competence Centre

Wilo-Para **-***/8-75/SC
Datasheet



Wilo-Para **-***/8-75/SC

Heating





Field of application

Heating

Para 15-130/8-75/SC-12	
WILO	**High Efficiency pump for heating application**
-	Inline cast iron pump housing
15	Threaded connection DN15 (25, 30: also available)
130	Pump housing length 130 (180: also available)
8	8,4= delivery head in [m] at Q = 0 m^3/h
75	Max power consumption
SC	The pump is controlled by Push button technology SC = ΔP-v, ΔP-c, constant speed I, II, III
12	Control box orientation 12 o'clock (3, 6, 9 o'clock: also available)

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Heating

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)	≤ 0.21
Max. delivery head	8,4 m
Max. volume flow	4 m^3/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 50°C = 0 to 105°C Of 55°C = 0 to 90°C Of 60°C = 0 to 77°C Of 65°C = 0 to 60°C
Maximum static pressure	PN 10

Electrical connection

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

Motor/electronics

Low voltage directive	2014/95/EC Conform
Electromagnetic compatibility	EN 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
RoHS / REACH	Compliant but not submitted

Minimum suction head at suction port to avoid cavitation at 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	-
** /8-75/SC	3000 - 4800	10-75	0.03-0.66	Integrated

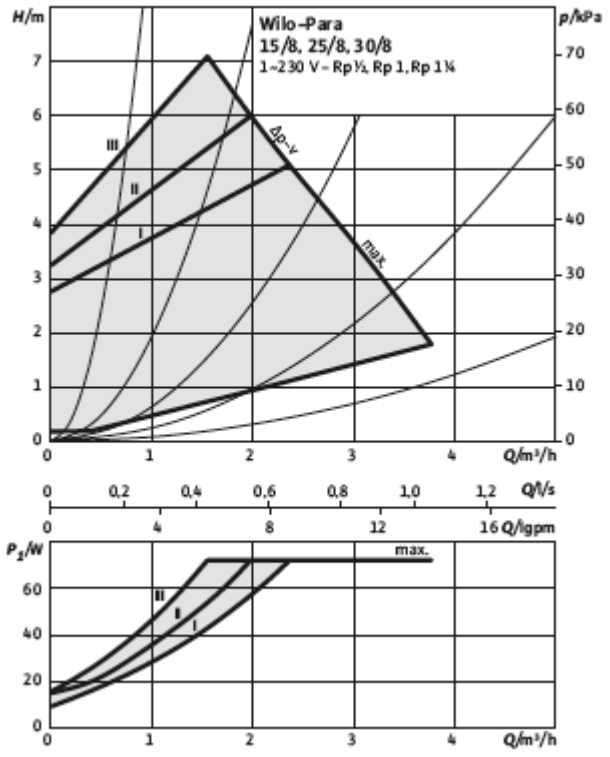
Materials

Para	Pump housing	Impeller	Pump shaft	Bearing
** /8-75/ SC	Cast iron with cataphoresis treatment	PP composite with GF 40%	Stainless steel	Carbon, metal impregnated

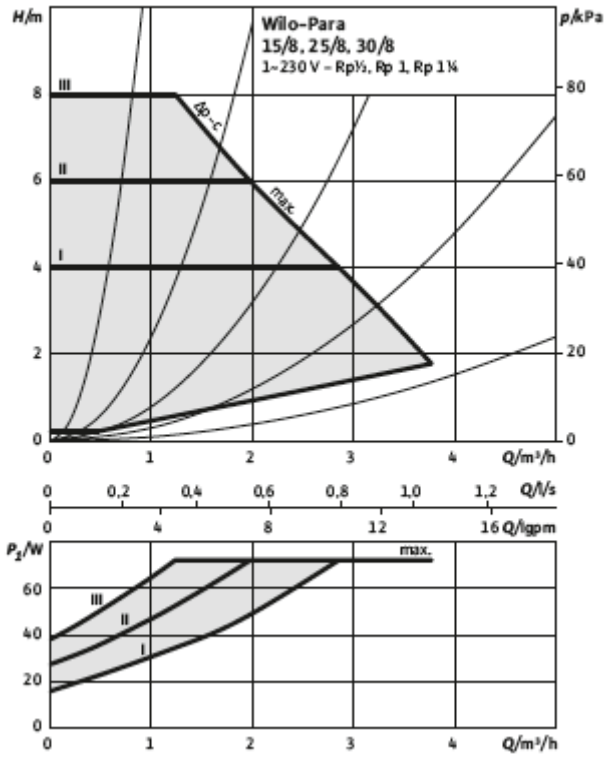
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Hydraulic operational area

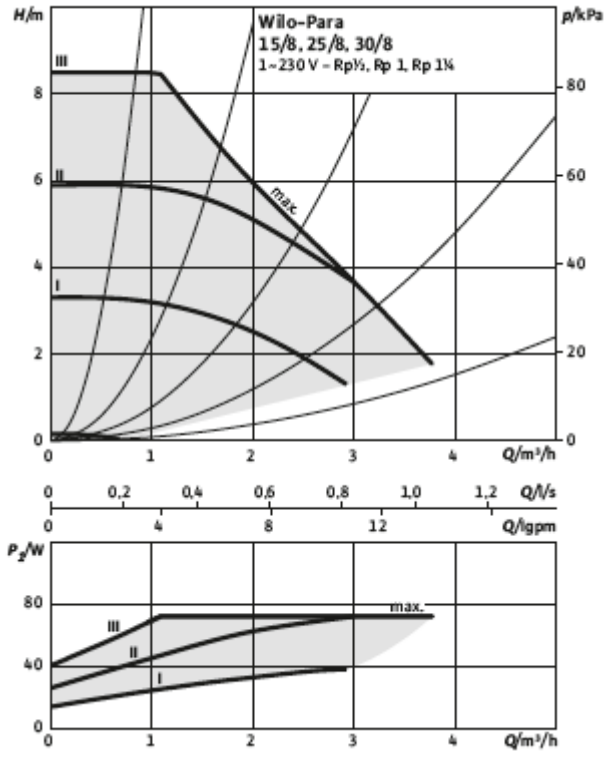
Δp-v (variable)



Δp-c (constant)



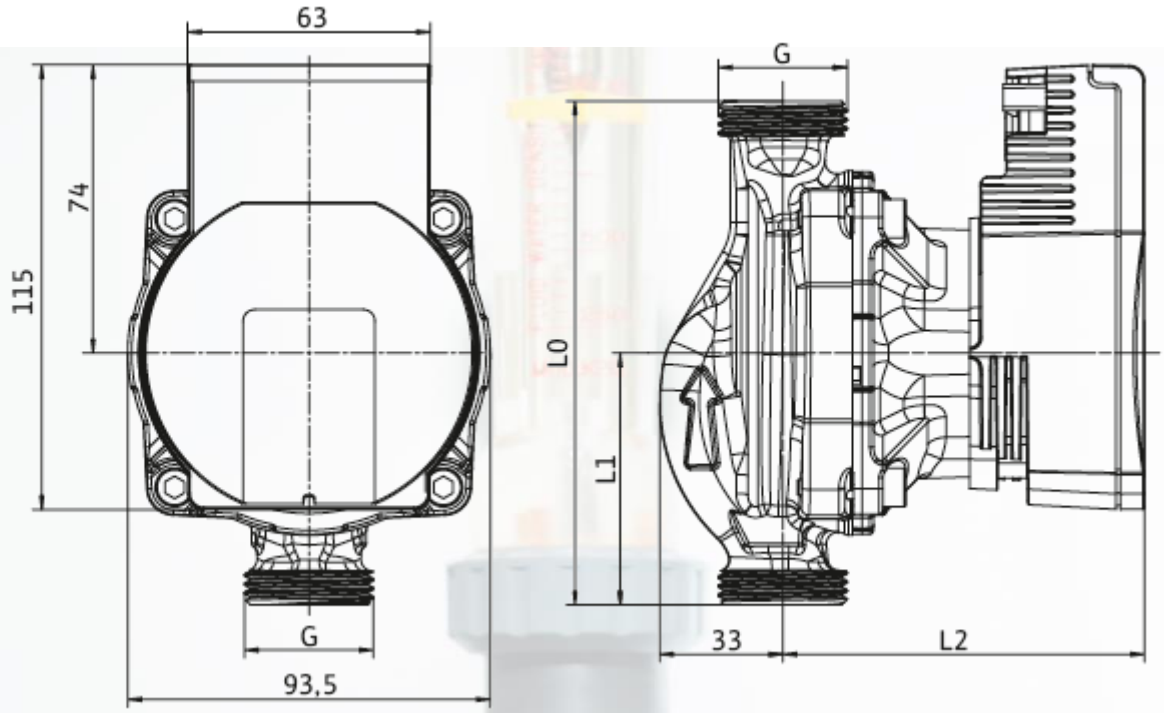
Constant speed I, II, III





Dimensions

Wilo-Para



Heating

Technical data									
Designation	Para 15-130/4-20/SC	Para 15-130/6-43/SC		Para 15-130/7-50/SC		Para 15-130/8-75/SC			
Threaded pipe union	Rp ½								
Thread	G 1								
Overall length l_o	130 mm								
Dimensions *L1*	65 mm								
Dimensions *L2*	94 mm					105 mm			
Weight approx. *m*	1.54 kg					1.7 kg			

Technical data									
Designation	Para 25-130/4-20/SC	Para 25-130/6-43/SC	Para 25-180/6-43/SC	Para 25-130/7-50/SC	Para 25-180/7-50/SC	Para 25-130/8-75/SC	Para 25-180/8-75/SC	Para 25-130/9-87/SC	Para 25-180/9-87/SC
Threaded pipe union	Rp 1								
Thread	G 1½								
Overall length l_o	130 mm		180 mm	130 mm	180 mm	130 mm	180 mm	130 mm	180 mm
Dimensions *L1*	65 mm		90 mm	65 mm	90 mm	65 mm	90 mm	65 mm	90 mm
Dimensions *L2*	94 mm					105 mm			
Weight approx. *m*	1.66 kg		1.78 kg	1.66 kg	1.78 kg	1.8 kg	2 kg	2 kg	2,2 kg

Technical data					
Designation	Para 30-180/6-43/SC		Para 30-180/7-50/SC		Para 30-180/8-75/SC
Threaded pipe union	Rp 1¼				
Thread	G 2				
Overall length l_o	180 mm				
Dimensions *L1*	90 mm				
Dimensions *L2*	94 mm				105 mm
Weight approx. *m*	1.96 kg				2.1 kg

Electrical Power connections

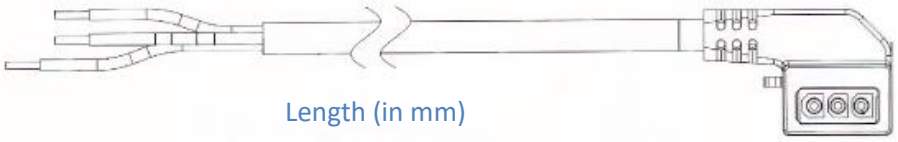
Integrated Molex 3-way connector





Heating

Accessories power cable



Available mains cables

Overmoulded power connector with brass end splices and type Facon PR260 on terminal box side (deconnection possible)	cable length 500mm	4530966	**Not assembled**
	cable length 1000mm	4524578	
	cable length 1500mm	4530763	
	cable length 2000mm	4527857	

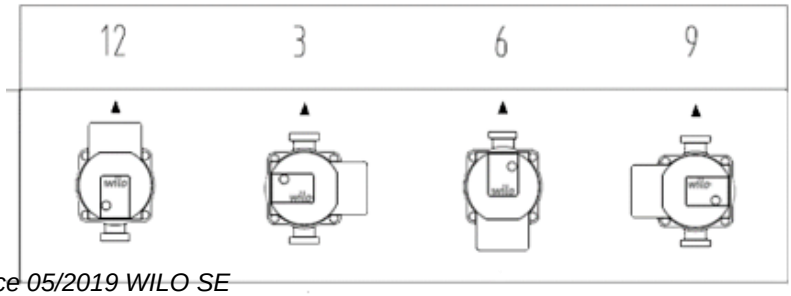


Molex 3 ways



WS8

Electrical Box orientation



▲ Flow direction

wilo

Pioneering for You

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