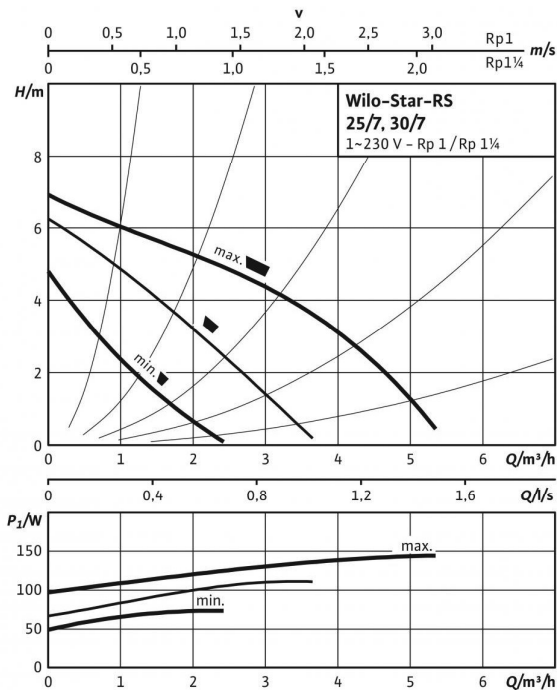
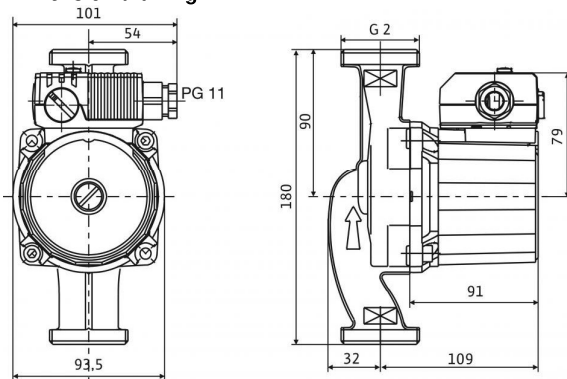


Data sheet: Star-RS 30/7

Pump curves

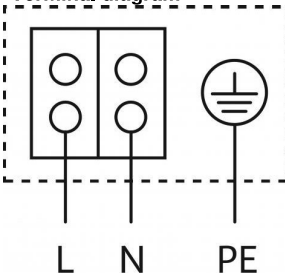


Dimension drawing



Motor horizontal
 Terminal box positions for 3, 6, 9 and 12 o'clock possible

Terminal diagram



Blocking current-proof motor
 Single-phase motor (EM) 2-pole - 1~230 V, 50 Hz
 With built-in capacitor

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)	•
Permitted field of application	
Temperature range at max. ambient temperature +40 °C	-10...+110 °C
Maximum permissible operating pressure P_{max}	10 bar
Pipe connections	
Threaded pipe union	Rp 1½
Thread	G 2
Overall length L_0	180 mm
Motor/electronics	
Electromagnetic compatibility	EN 61800-3
Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Speed control	-
Protection class	IP 44
Insulation class	F
Mains connection	1~230 V, 50 Hz
Speed n	2300 / 2650 / 2800 rpm
Power consumption P_1	68 / 95 / 132 W
Current consumption I	0.30 / 0.42 / 0.58 A
Motor protection	Not required (blocking-current proof)
Threaded cable connection PG	1x11
Materials	
Pump housing	Grey cast iron
Impeller	Fibreglass-reinforced PP
Pump shaft	Stainless steel (X40Cr13)
Bearing	Carbon, metal impregnated
Minimum suction head at suction port for avoiding cavitation at water pumping temperature	
Minimum suction head at 50 / 95 / 110 °C	0.5 / 3 / 10 m

Information for order placements	
Make	Wilo
Art no.	4037311
Type	Star-RS 30/7
Weight approx. m	3 kg
Version ...RG with pump housing made of red brass	
Version ...L with connection for quick aspirator	