



Similar to figure

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Delivery head for Q_{min} $H_{Q_{min}}$	9.3 m
Max. volume flow Q_{max}	9.5 m ³ /h
Min. fluid temperature for HVAC applications T_{min}	0 °C
Max. fluid temperature for HVAC applications T_{max}	80 °C
Min. fluid temperature for drinking water applications T_{min}	0
Max. fluid temperature for drinking water applications T_{max}	80
Max. fluid temperature for drinking water applications in short-time duty (2 hours) T_{max}	110 °C
Min. ambient temperature T_{min}	0 °C
Max. ambient temperature T_{max}	40 °C
Max. permitted total water hardness	3.57 mmol/l (20°dH) (3.21 mmol/l (18°dH) for 20/4 + 25/6)

Motor data

Mains connection	1~230 V, 50 Hz
Rated power P_2	180 W
Rated current I_N	1.62 A
Max. speed n_{max}	2800 1/min
Power consumption $P_{1 min}$	150 W
Power consumption $P_{1 max}$	335 W
Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Protection class motor	IPX4D
Insulation class	H
Threaded cable connection	2 x PG13.5
Motor protection	External protection WSK

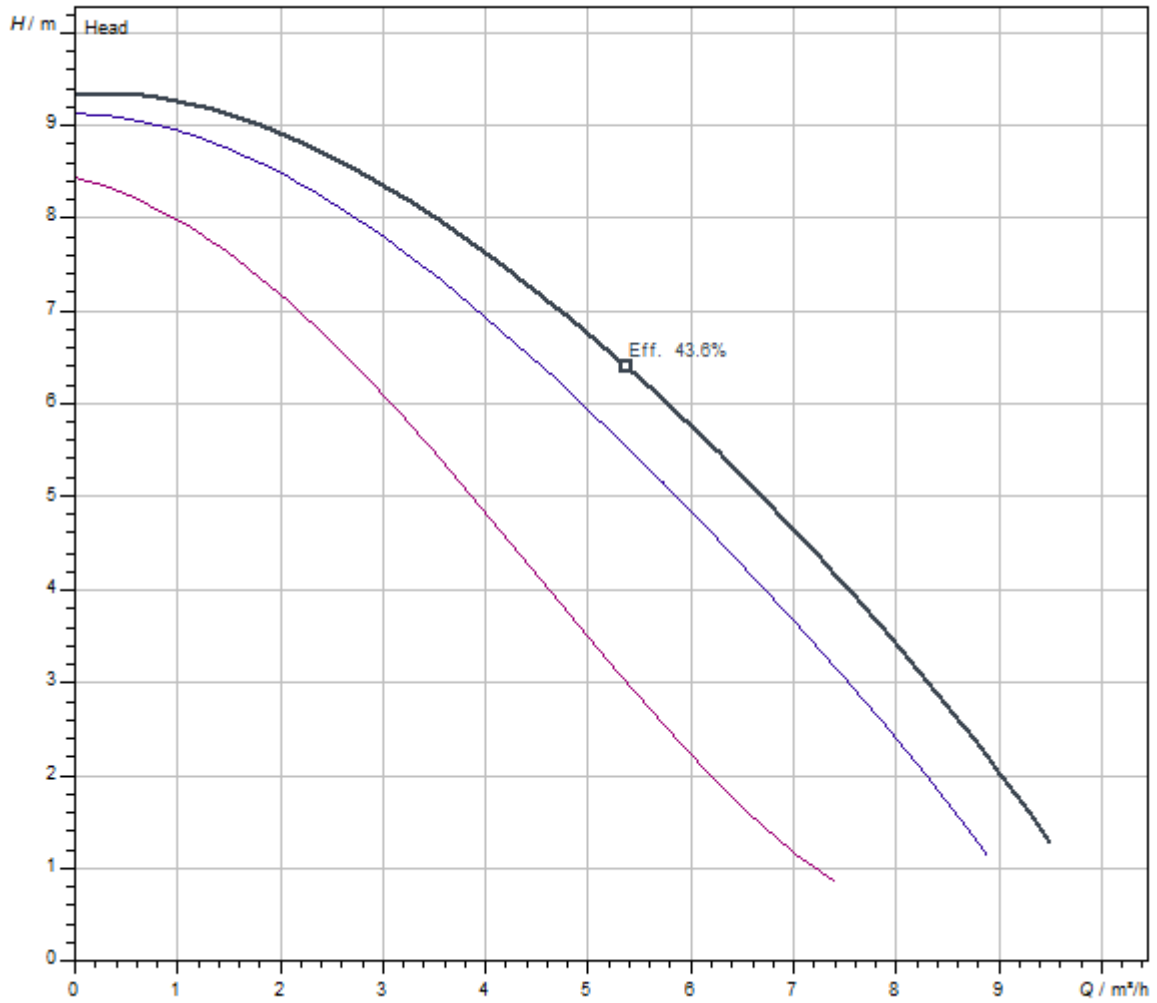
Materials

Pump housing	Bronze, CC499K
Impeller	PPE-GF30
Shaft	Stainless steel
Bearing	Carbon, synthetic resin-impregnated

Installation dimensions

Pipe connection on the suction side D_Ns	G 1½
Pipe connection on the discharge side D_Nd	G 1½
Port-to-port length L_0	180 mm

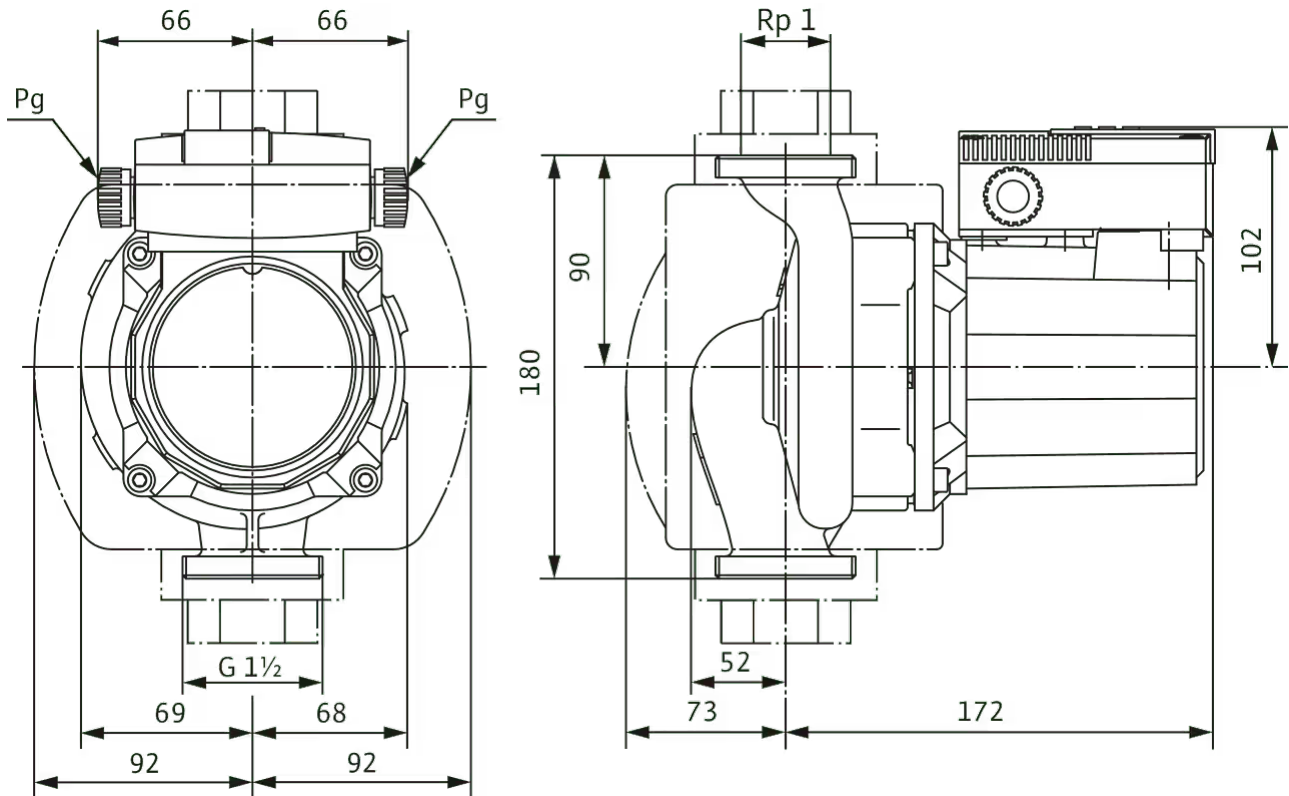
Pump curves

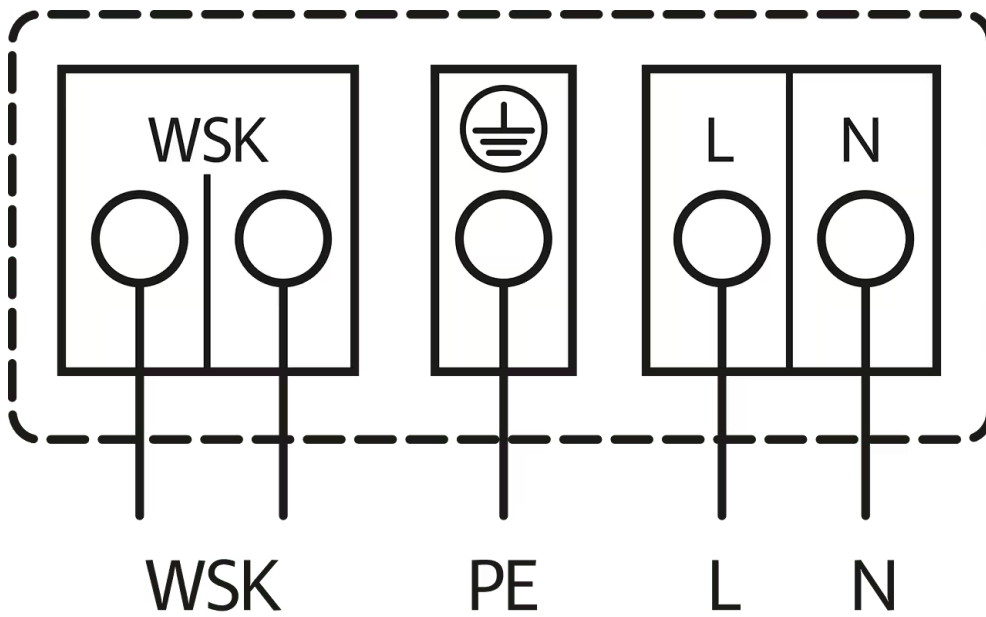


Fluid media	Water 100 %
Fluid temperature T	20.00 °C
speed at duty point $n_{hydr. @ OP}$	2,700 1/min

Dimensions and dimensions drawings

TOP-S



Wiring diagram

Mains connection, 1~230 V, 50 Hz

WSK = thermal winding contact

Full motor protection at all speed stages with optional tripping unit

SK 602N/SK 622N or other switchgear/control devices with WSK connection option

Triggering: External tripping at switchgear/control device

Reset: Automatic fault acknowledgement after cooling off of the motor

Automatic