



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Flow max Q_{max}	2.7 m ³ /h
Minimum suction head at 50 °C m	0.5 m
Minimum suction head at 95 °C m	3 m
Minimum suction head at 110 °C	10 m
Min. fluid temperature T_{min}	-10 °C
Max. fluid temperature T_{max}	95 °C
Max. fluid temperature at max. ambient temperature of +25 °C T_{max}	95 °C
Max. fluid temperature at max. ambient temperature of +40 °C T_{max}	95 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Rated power P_2	15 W
Min. speed n_{min}	700 1/min
Max. speed n_{max}	3400 1/min
Power consumption P_{1min}	4 W
Power consumption P_{1max}	20 W
Interference emission	EN 61000-6-3
Interference immunity	EN 61000-6-2
Electromagnetic compatibility	EN 61800-3
Threaded cable connection	1 x PG11
Insulation class	F
Protection class	IPX4D

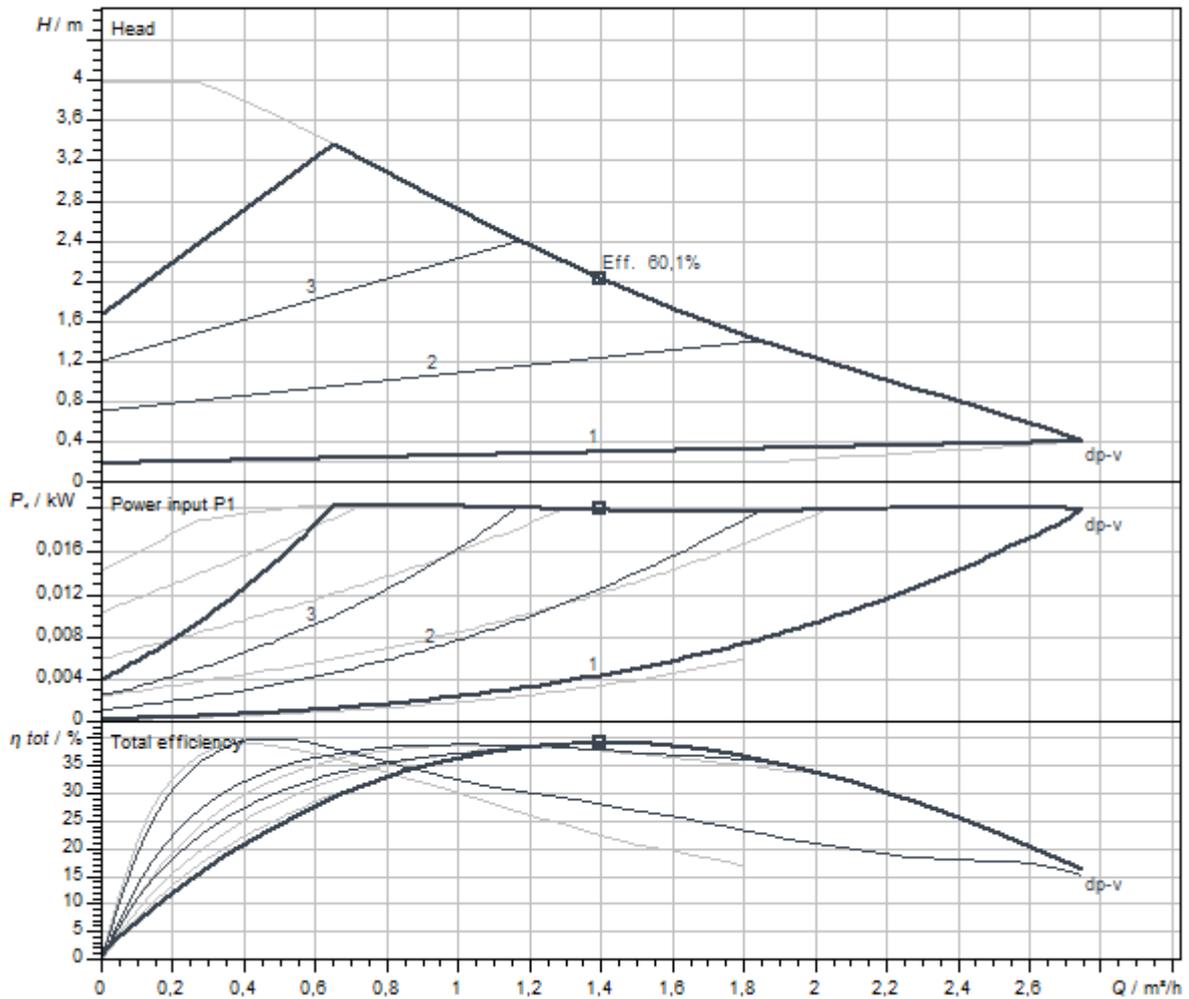
Materials

Pump housing	Grey cast iron
Impeller	PP-GF40
Shaft	Stainless steel
Bearing	Carbon, metal-impregnated

Installation dimensions

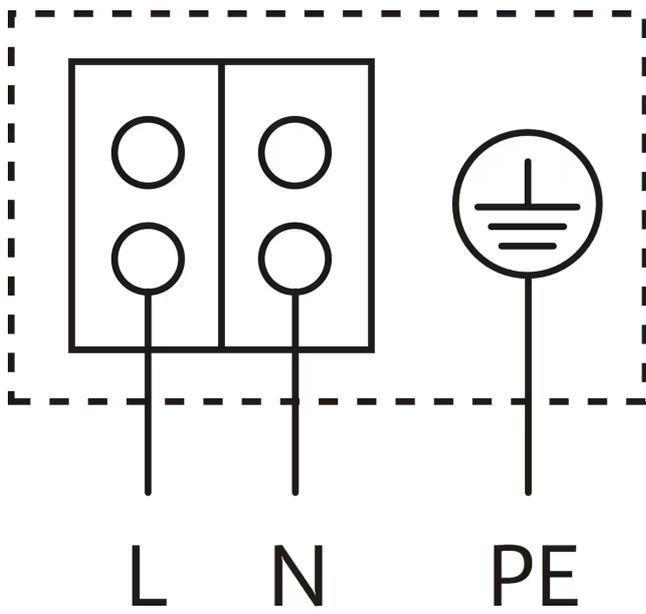
Pipe connection on the discharge side DNd	G 1½
Pipe connection on the suction side DNs	G 1½
Port-to-port length LO	180 mm

Pump curves



Fluid media	Water 100 %
Fluid temperature T	20,00 °C
speed at duty point $n_{hydr. @ OP}$	2.900 1/min

Wiring diagram



Blocking current-proof motor

Single-phase motor (EM) 2-pole - 1~230 V, 50 Hz