

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	6.0 m
Flow max $Q_{\max}$	3.6 m³/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	30 W
Min. speed $n_{\min}$	700 1/min
Max. speed $n_{\max}$	4200 1/min
Power consumption $P_{1 \min}$	4 W
Power consumption $P_{1 \max}$	40 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

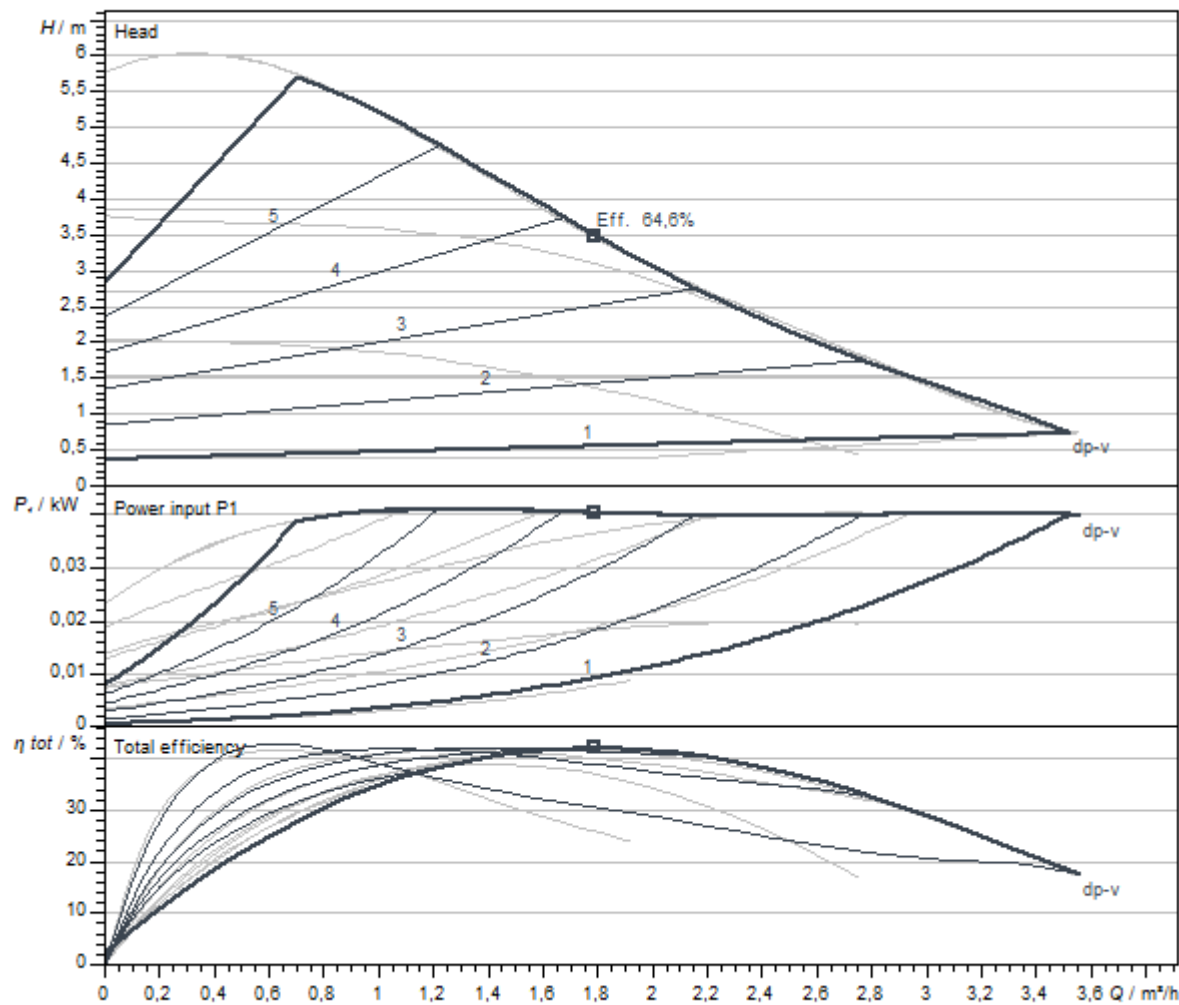
Materials

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

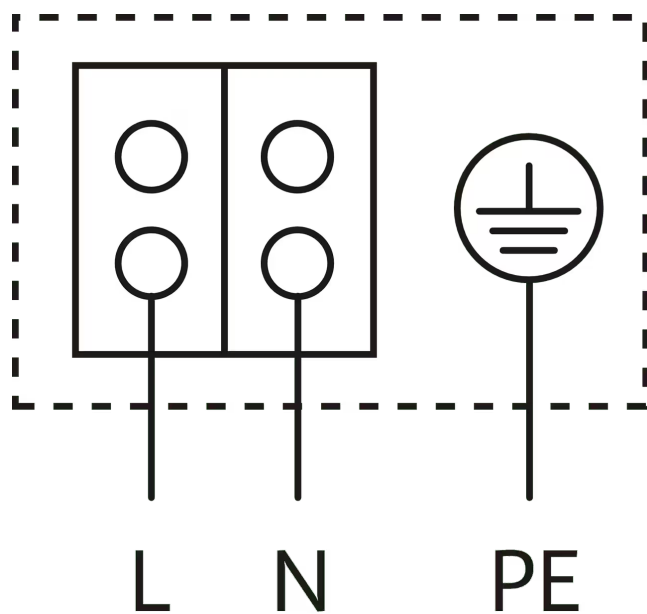
Installation dimensions

Pipe connection on the discharge side DN_d	G 1½
Pipe connection on the suction side DN_s	G 1½
Port-to-port length L_0	130 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