

Data sheet

Hydraulic data

Maximum operating pressure P_N	6 bar
Head max $H_{\max}$	15,9 m
Flow max $Q_{\max}$	74,0 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

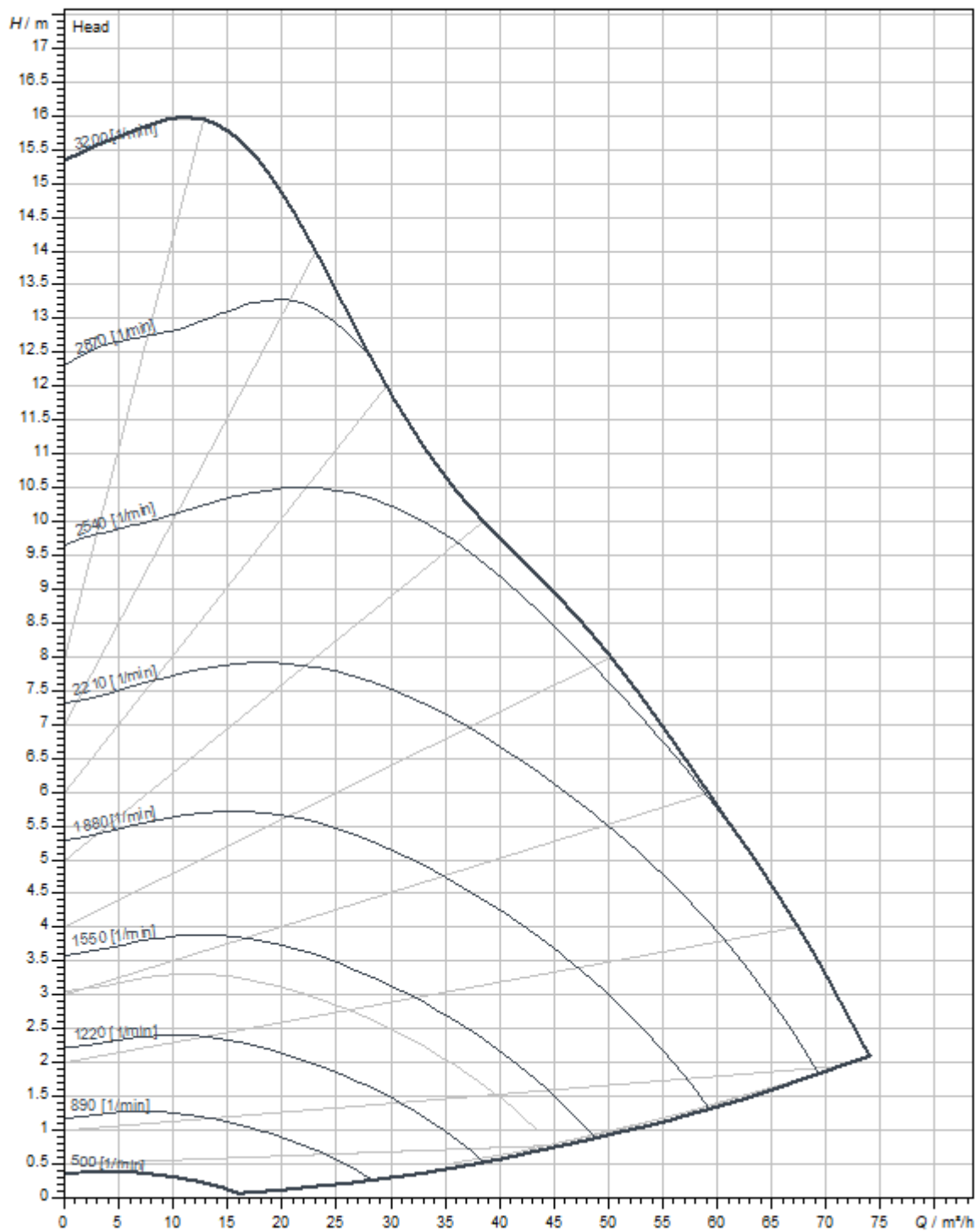
Energy efficiency index (EEI)	0,17
Mains connection	1~230 V $\pm$ 10%, 50/60 Hz
Rated power P_2	1414 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1645 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the pressure side DN_d	DN 80
Port-to-port length L_0	360 mm

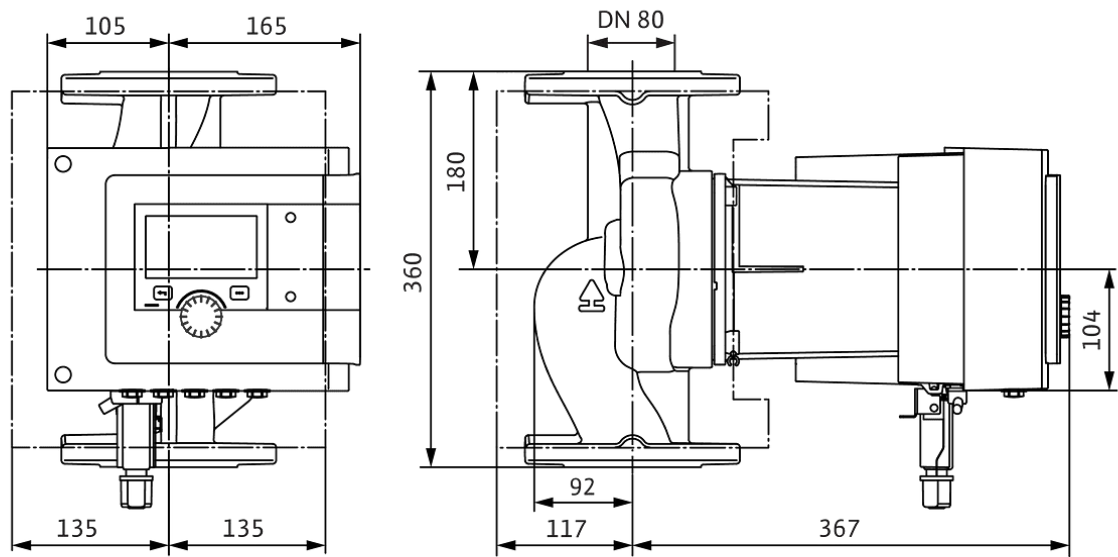
Materials

Pump housing	Cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Pump curves

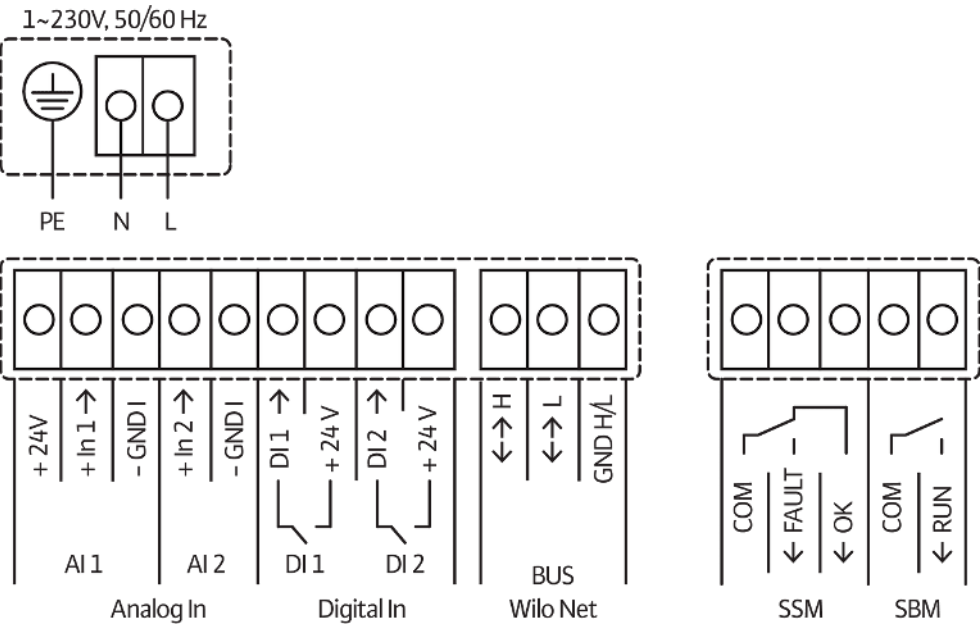
Dimensions and dimensions drawings

Stratos MAXO 80/0,5-16 PN 6



Wiring diagram

Standard: 1~ 230 V, 50/60 Hz, Option: 3~ 230 V, 50/60 Hz



SSM: Collective fault signal (NC contact in accordance with VDI 3814, load capacity 1 A, 250 V ~)