

## Data sheet

## Hydraulic data

|                                     |                        |
|-------------------------------------|------------------------|
| Maximum operating pressure $P_N$    | 10 bar                 |
| Head max $H_{\max}$                 | 11,0 m                 |
| Flow max $Q_{\max}$                 | 12,0 m <sup>3</sup> /h |
| Minimum suction head at 50 °C $m$   | 3 m                    |
| Minimum suction head at 95 °C $m$   | 10 m                   |
| Minimum suction head at 110 °C      | 16 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

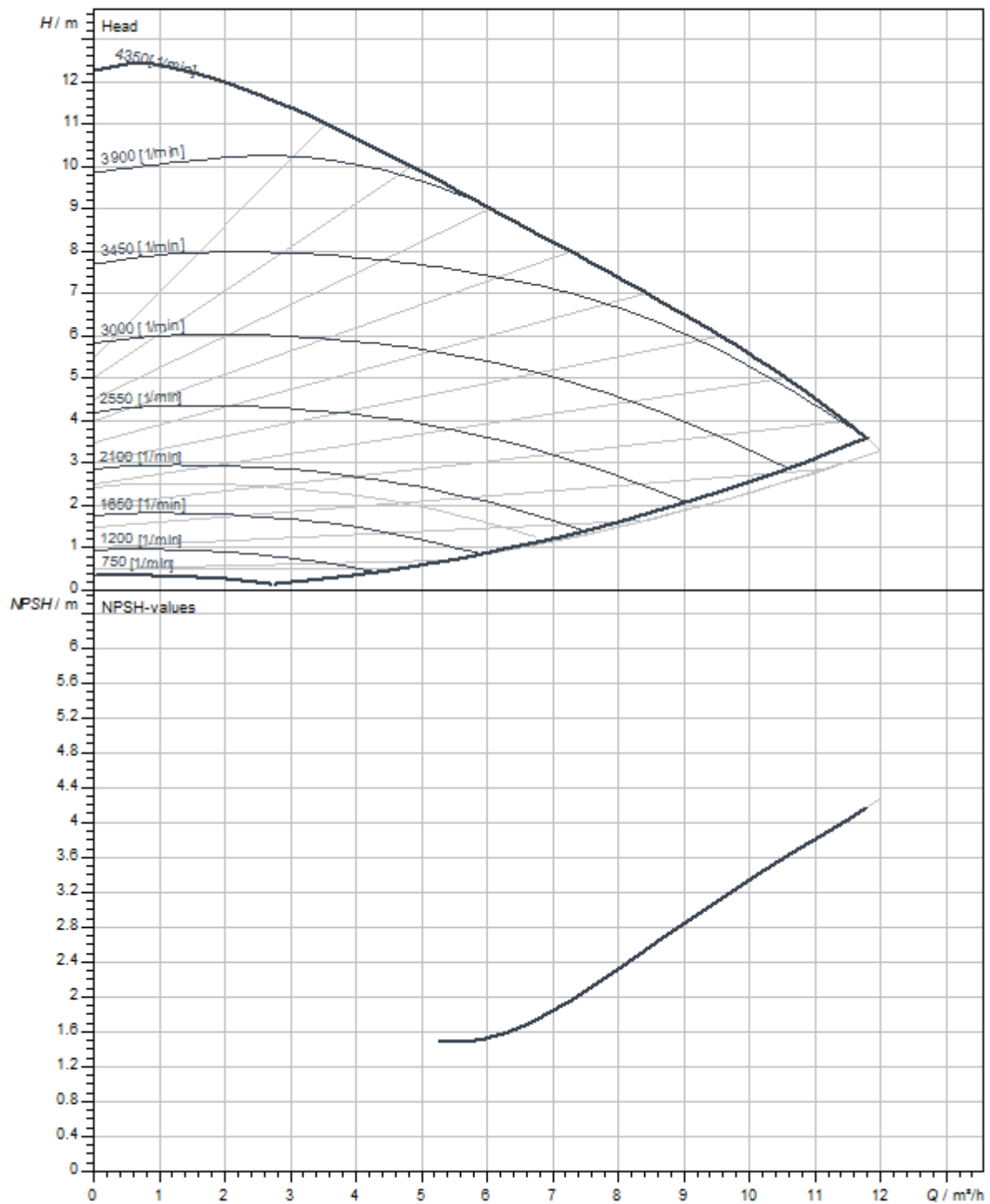
|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Energy efficiency index (EEI)  | 0,19                                                 |
| Mains connection               | 1~230 V $\pm$ 10%, 50/60 Hz                          |
| Rated power $P_2$              | 262 W                                                |
| Min. speed $n_{\min}$          | 750 1/min                                            |
| Max. speed $n_{\max}$          | 4350 1/min                                           |
| Power consumption $P_{1 \min}$ | 7 W                                                  |
| Power consumption $P_{1 \max}$ | 295 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 $DN_s$  | G 2    |
| Pipe connection on the pressure side $DN_d$ | G 2    |
| Port-to-port length $L_0$                   | 180 mm |

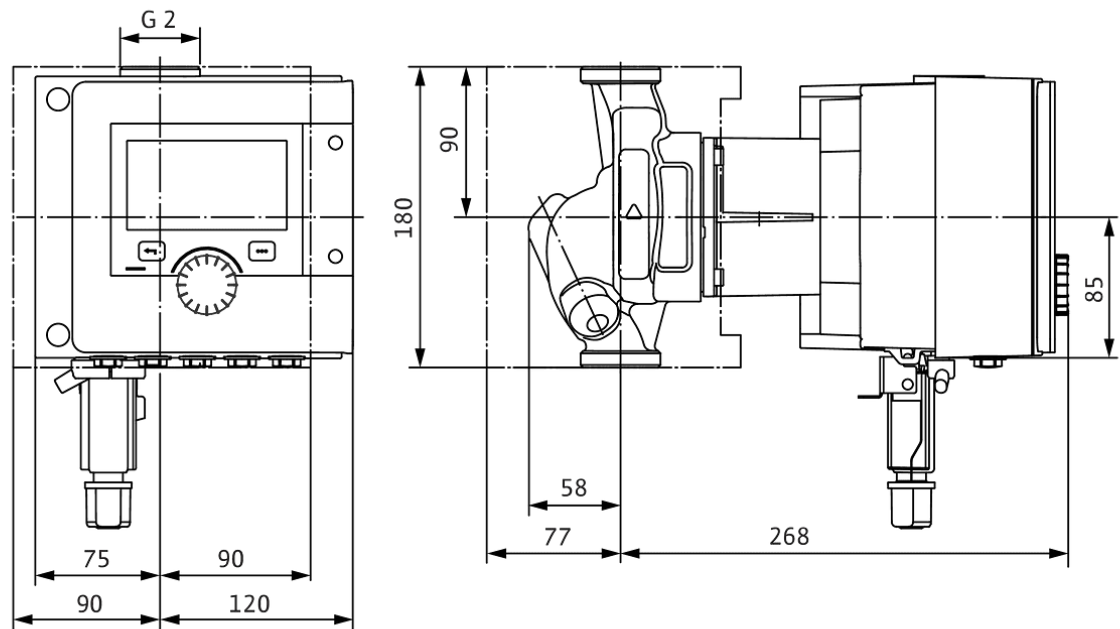
## Materials

|              |                              |
|--------------|------------------------------|
| Pump housing | Cast iron                    |
| Impeller     | PPS-GF40                     |
| Shaft        | 1.4122, DLC-coated           |
| Bearing      | Carbon, antimony-impregnated |

**Pump curves**

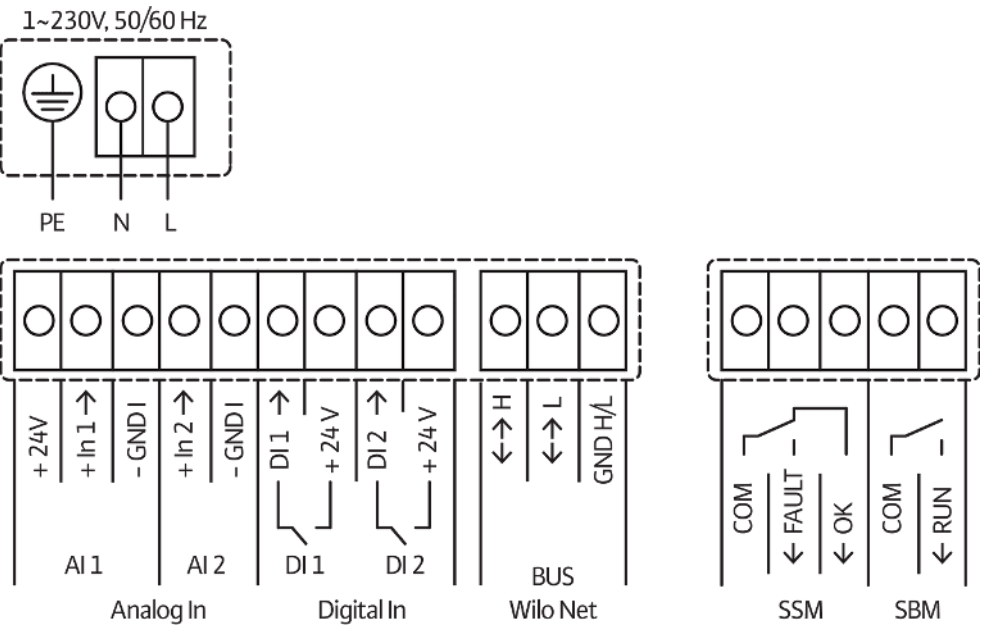
Dimensions and dimensions drawings

Stratos MAXO 30/0,5-12 PN 10



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 ~)