

9 Appendices

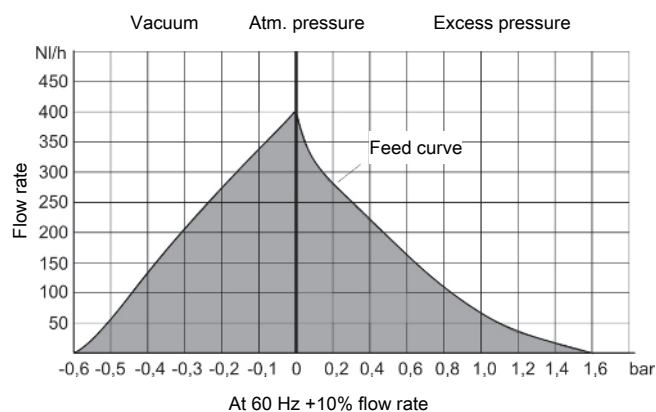
9.1 General specifications for all pumps

General Specifications

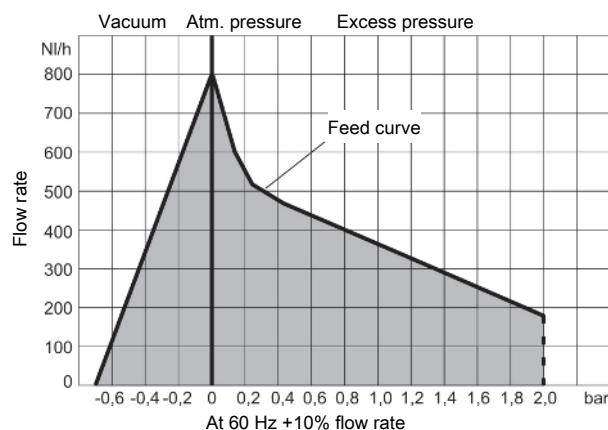
Nominal voltage:	see ordering information
Protection class:	electric IP55 mechanical IP20
Dead volume:	8.5 ml
Materials of parts in contact with media by pump type:	PTFE / PVDF (standard pump with 100 °C valves) + PEEK (standard pump with 160 °C valves) + Viton (standard pump with 100 °C valves and bypass valve) + PCTFE, Viton (standard pump with 160 °C valves and bypass valve) + 1.4571 (VA pump body) + 1.4401, Viton (VA pipe fitting) + Viton (VA pump body with bypass valve)

9.2 Feed Curves

P2.3, P2.3C, P2.4, P2.4C



P2.83, P2.84



9.3 Technical data for P2.3 and P2.83

P2.3/P2.83 Technical Data

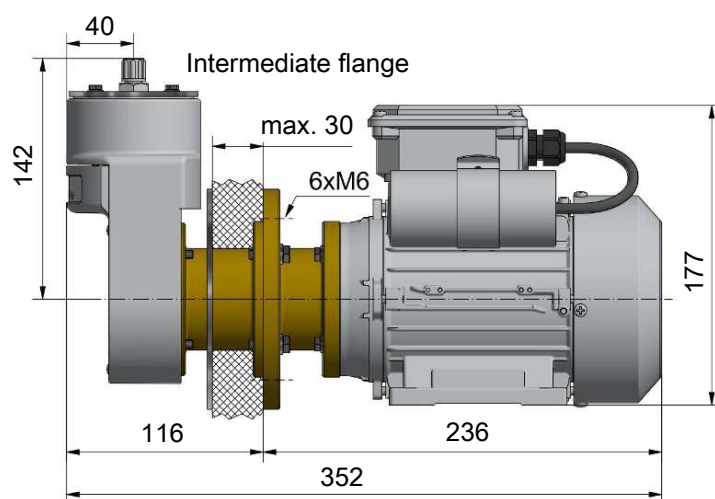
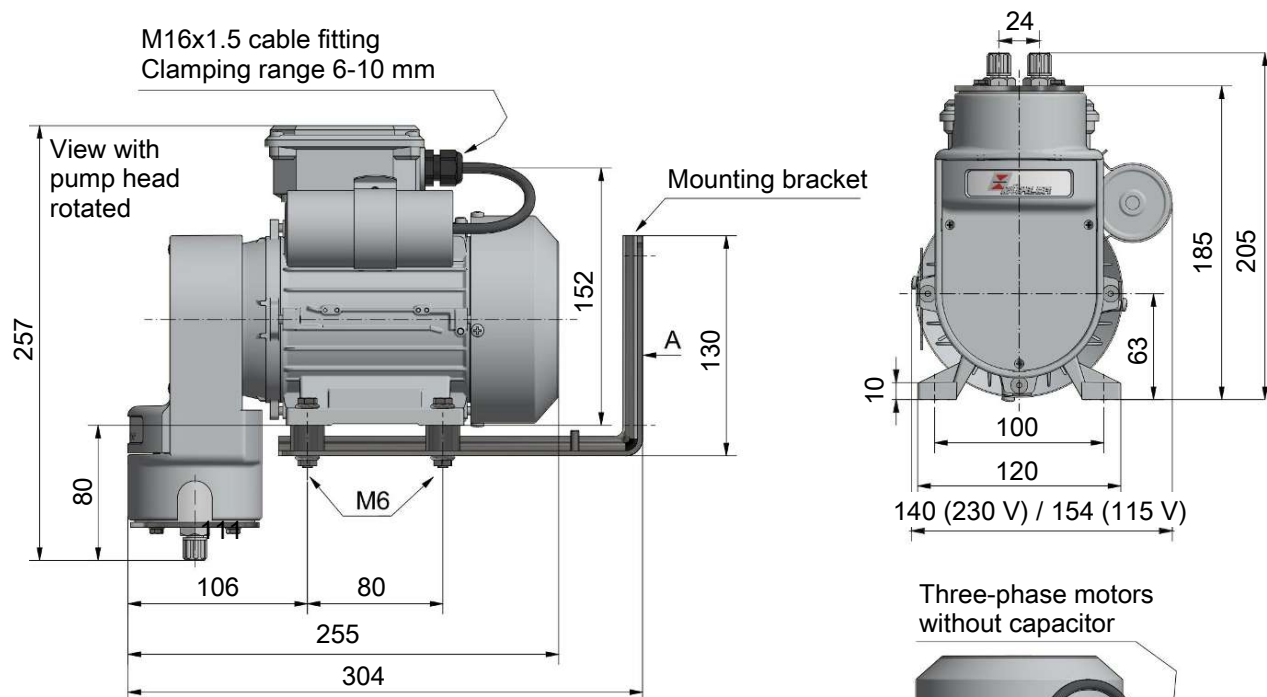
Weight:	approx. 6.5 kg
FM C-US (115 V only)	
FM approval no.:	3038101/3038101C
Ambient temperature:	max. 60 °C
Media temperature:	PTFE/PVDF valves max. 100 °C PTFE/PEEK valves max. 160 °C

9.4 Technical data for P2.4 and P2.84

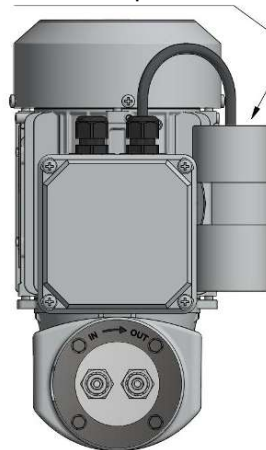
P2.4/P2.84 Technical Data

Weight:	approx. 7 kg
FM C-US (115 V only)	
FM approval no.:	3038101/3038101C
Ambient temperature	
Motor:	max. 60 °C
Pump head:	max. 100 °C
Media temperature:	PTFE/PEEK valves max. 160 °C

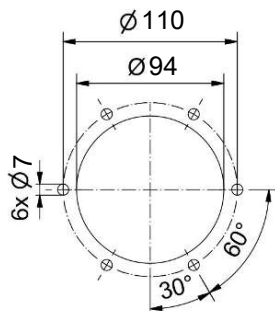
9.5 Dimensions



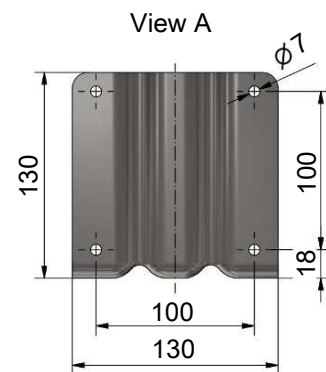
Three-phase motors
without capacitor



Cabinet cut-out for pumps with
intermediate flange



Adjustable bypass valve
(optional)



Installation notices:

- 1) This pump should be installed horizontally
- 2) If necessary, rotate the pump head during installation. When conveying gasses with condensate content it must be installed valves down.