

9 Appendices

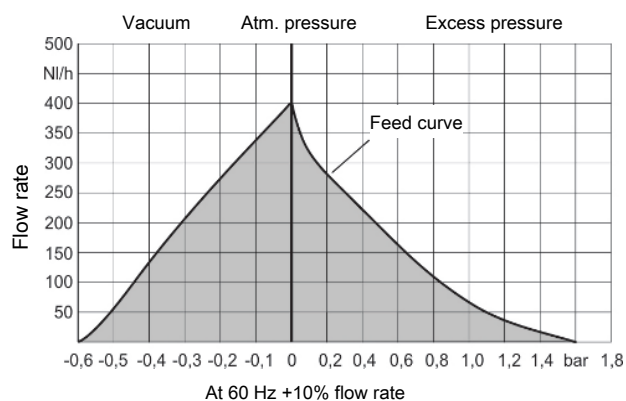
9.1 Technical Data

P4.3/P4.83 Technical Data

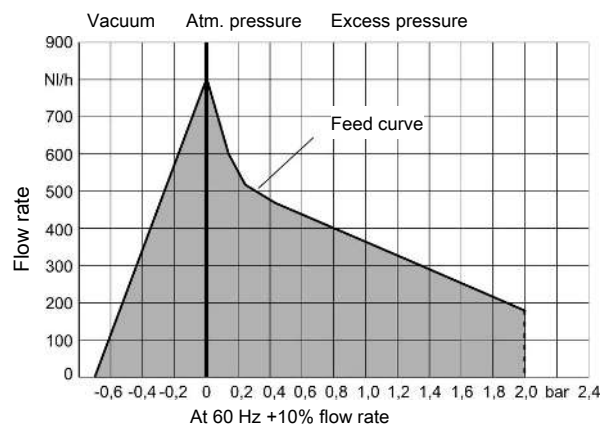
Nominal voltage:	see ordering information
Nominal current:	see ordering information
Protection class:	electric IP55 mechanical IP20
Weight:	approx. 12.5 kg
Dead volume:	2 x 8.5 ml
FM C-US (115 V only)	
FM approval no.:	3038101/3038101C
Ambient temperature:	max. 60 °C
Media temperature:	PTFE/PVDF valves max. 100 °C PTFE/PEEK valves max. 160 °C
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

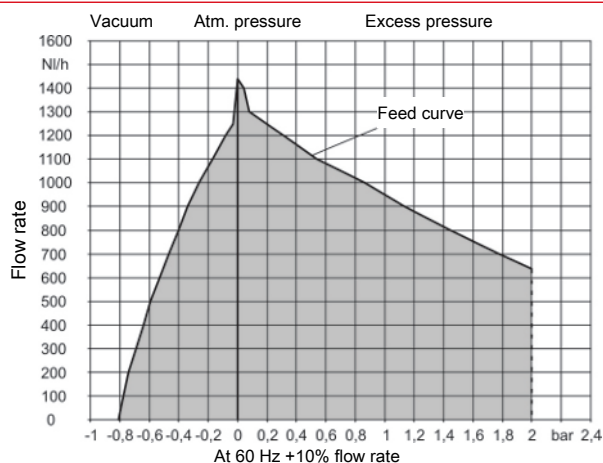
P4.3 (per head)



P4.83 (per head)



P4.83 (parallel circuit)



9.4 Dimensions piping kit/tubing kit for P4.83 with parallel operation

