

Technical Data

Pump type	Pump capacity at max. back pressure			Delivery rate at medium back pressure	Delivery rate at medium back pressure	Without title (th_foerderleist_m ittl_gegendruck_ ml_hub)	Stroke rate	Stroke length
	Pump capacity at max. back pressure							
	bar	l/h	ml/stroke	bar	l/h	ml/stroke	Strokes/min	mm
50 Hz								
ALPc 1001	10	1.0	0.29	5	1.1	0.32	30	2
ALPc 0230	2	30.6	3.98	1	32.7	4.26	128	3
ALPc 0417	4	17.0	2.51	2	18.3	2.76	128	3
ALPc 0707	7	6.9	1.98	3	7.7	2.21	58	3
ALPc 1002	10	1.8	0.52	5	2.1	0.60	58	2
ALPc 1004	10	3.5	1.01	5	3.9	1.12	58	3
ALPc 1008	10	7.7	1.00	5	8.6	1.12	128	3
60 Hz								
ALPc 0230	2	34.4	3.72	1	39.2	4.24	154	3
ALPc 0417	4	20.6	2.45	2	21.9	2.75	154	3
ALPc 0707	7	8.3	2.00	3	9.2	2.22	69	3
ALPc 1001	10	1.2	0.29	5	1.3	0.31	36	2
ALPc 1002	10	2.2	0.53	5	2.6	0.63	69	2
ALPc 1004	10	4.1	0.99	5	4.7	1.14	69	3
ALPc 1008	10	8.9	0.96	5	10.4	1.13	154	3

All data calculated with water at 20 °C.

Materials in Contact with the Medium

Identity code of material	Dosing head	Connection on suction/discharge side	Ball seat	Seals	Balls
PPE	Polypropylene	Polypropylene	EPDM	EPDM	Ceramic
PPB	Polypropylene	Polypropylene	FKM A	FKM A	Ceramic
NPE	Clear acrylic	PVC	EPDM	EPDM	Ceramic
NPB	Clear acrylic	PVC	FKM A	FKM A	Ceramic
PVT	PVDF	PVDF	PVDF	PTFE	Ceramic

Metering diaphragm with PTFE coating for all designs

FKM = fluorine rubber

Motor Data

Type	Split pole motor with integrated thermal overload protection
Electrical connection	220 – 240 V, 50/60 Hz (variant A)
Output	50 W (at 230 V/50 Hz)
Power consumption	0.4 A (at 230 V/50 Hz)

Warranty: The warranties listed in the General Terms and Conditions of Sale apply; there is a warranty period of 12 months for the alpha pump drive.