DOSING PUMP PM-100

PM-100 piston dosing pump designed to inject precise volumes of liquids or chemicals, through the movement of a piston that sucks and discharges the fluid in each cycle. Its flow rate is regulated by adjusting the length and frequency of the piston stroke, which allows exact and continuous dosing.







MATERIAL CHARACTERISTICS

Head and valves: Stainless steel or PVC

Piston: Ceramic or stainless steel

Gaskets: Viton or EPDM

Body: Aluminum

OPERATING CHARACTERISTICS

Flow rate: From 110 L/h to 1000 L/h, depending on the piston diameter

Maximum pressure: Up to 25bar

Maximum fluid temperature: INOX head: up to 90 °C PVC head: up to 40 °C

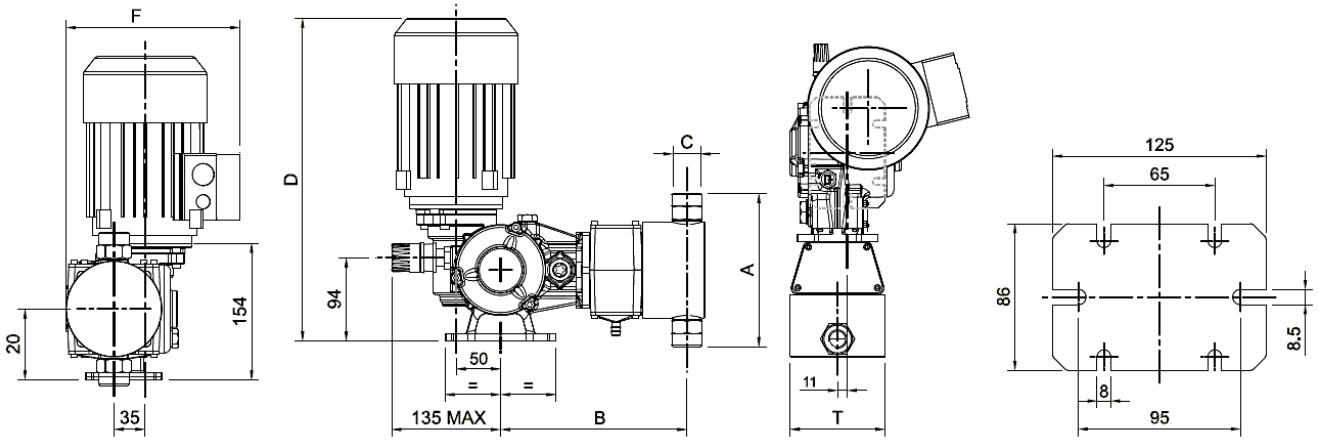
Electric motor: 0,18–0,75 kW three-phase and single-phase

Flow regulation: Manual via rear regulator knob

MODELS

LITERS/H	BAR	HEAD	CONNECTION	MOTOR	CODE (MONOFÁSICO)	RRP (€) (MONOFÁSICO)	CODE (TRIFÁSICO)	RRP (€) (TRIFÁSICO)
50	20	INOX	3/8”	0,18 KW	**13072158**	**935**	**13072159**	**863**
50	10	PVC	3/8”	0,18 KW	**13072176**	**1016**	**13072177**	**928**
110	17	INOX	3/8”	0,25 KW	**13072160**	**924**	**13072161**	**847**
110	10	PVC	3/8”	0,25 KW	**13072178**	**1016**	**13072179**	**928**
220	8	INOX	1/2”	0,25 KW	**13072162**	**1064**	**13072163**	**1014**
220	8	PVC	1/2”	0,25 KW	**13072180**	**1252**	**13072181**	**1165**
304	6	INOX	3/4”	0,25 KW	**13072164**	**1104**	**13072165**	**1085**
304	6	PVC	3/4”	0,25 KW	**13072182**	**1295**	**13072183**	**1208**
505	10	INOX	3/4”	0,75 KW	**13072166**	**2143**	**13072167**	**1974**

DIMENSIONS



MODEL	A [MM]	B [MM]	C (BSP)	T [MM]	D [MM]	E [MM]	F [MM]
50L	121	200	3/8" f	68	333	367	206
110L	164	210	3/8" f	88,5	371	390	215
220L	176	210	1/2" f	108	371	392	215
304L	195	215	3/4" f	103	371	401	215
505L	195	273	3/4" f	103	398	469	203
730L	241	288	1" f	112	398	490	212
1000L	253	288	1" f	125	398	490	225

hydraulic characteristics

Piston Diameter (mm)	STROKES/ MIN	FLOW (L/H)	FLOW (GL/H)	MAX PRESSURE (SS 316 - BAR)	Max Pressure (PVC - bar)	CONNECTION (SS 316)	CONNECTION (PVC)	MOTOR (KW)
25	116	50	13,21	25	10*	3/8" GF	3/8" GF	0,18 (A4)
30	116	70	18,49	25	10*	3/8" GF	3/8" GF	0,25 (B4)
38	116	110	29,06	25	10*	3/8" GF	3/8" GF	0,25 (B4)
48	116	170	44,91	10	10	1/2" GF	1/2" GF	0,25 (B4)
54	116	220	58,12	8	8	1/2" GF	1/2" GF	0,25 (B4)
64	116	304	80,31	6	4	3/4" GF	3/4" GF	0,25 (B4)
64	116	505	133.40	10	10	3/4" GF	3/4" GF	0.75 (E4)
76	116	730	192.85	7	7	1" GF	1" GF	0.75 (E4)
89	116	1000	264.17	5	5	1" GF	1" GF	0.75 (E4)

ACCESSORIES



DOSING BENCH		
CODE	MODEL	RRP (€)
14112003	21X15X20	**55**



PULSE DAMPER		
CODE	MODEL	RRP (€)
12042005	1,2 LITERS	**96**



BACK PRESSURE Valve		
CODE	MODEL	RRP (€)
12042001	DN25	**102**