IR DOSING PUMP-13/18/25

DR piston metering 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

Flashlight: Stainless steel 316

Gaskets: Viton or EPDM

OPERATING CHARACTERISTICS

Flow rate: From 100 L/h to 1042 L/h, depending on 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

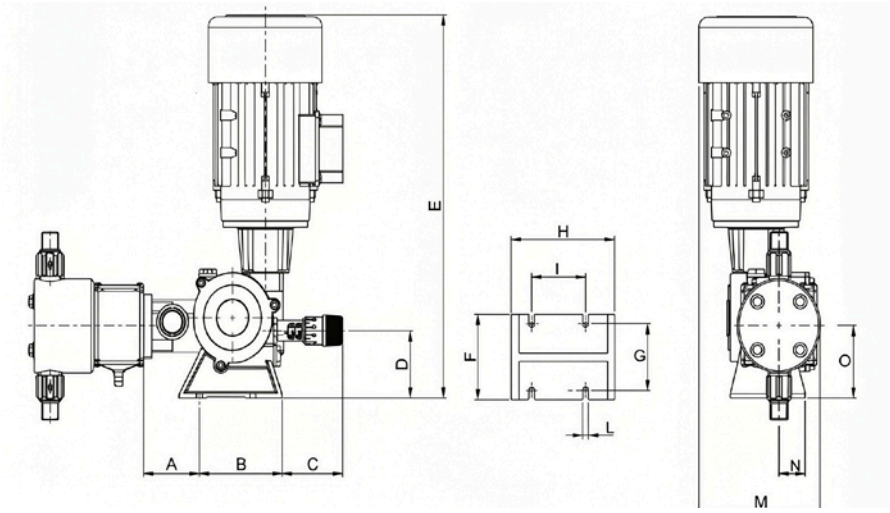
Flow regulation: Manual via rear regulator knob

Hydraulic connections: Between 1/2" and 1" depending on the model

MODELS

LITERS/H	BAR	HEAD	CONNECTION	MOTOR	CODE (MONOFÁSICO)	RRP (€) (MONOFÁSICO)	CODE (TRIFÁSICO)	RRP (€) (TRIFÁSICO)
100	9	INOX	1/2"	0,25 KW	**1307231**	1341	**1307230**	1274
144	13	INOX	1/2"	0,25 KW	**1307235**	1415	**1307234**	1365
155	5,5	INOX	1/2"	0,25 KW	**1307233**	1427	**1307232**	1352
226	8,5	INOX	1/2"	0,25 KW	**1307237**	1463	**1307236**	1378
290	6,5	INOX	1/2"	0,25 KW	**1307239**	1802	**1307238**	1742
532	9,5	INOX	3/4"	0,75 KW	**1307241**	2690	**1307240**	2600
766	6,5	INOX	1"	0,75 KW	**1307243**	2882	**1307242**	2782
1042	4,8	INOX	1"	0,75 KW	**1307245**	3090	**1307244**	2990

DIMENSIONS



LITERS	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	F (MM)	G (MM)	H (MM)	I (MM)	L (MM)	M (MM)	N (MM)	O (MM)
100	57	90	70	75	375	90	75	115	65	7	130	33	80
155	57	90	70	75	375	90	75	115	65	7	130	33	80
144	68	100	70	73	410	90	75	125	65	7	170	33	78
226	68	100	70	73	410	90	75	125	65	7	170	33	78
290	68	100	70	73	410	90	75	125	65	7	170	33	78
532	75	127	120	70	450	154	130	157	102	9	194	60	78
766	75	127	120	70	450	154	130	157	102	9	194	60	78
1042	75	127	120	70	450	154	130	157	102	9	194	60	78

hydraulic characteristics

Piston Diameter (mm)	IMP/MIN	FLOW RATE (L/H)	FLOW RATE (GL/H)	PRESSURE MAX (SS 316 - BAR)	Max Pressure (PVC - bar)	CONNECTION (SS 316)	CONNECTION (PVC)	MOTOR (KW)
38	116	100	26,42	9	9	1/2”	1/2”	0,18 (A4)
48	116	155	40,95	5,5	5,5	1/2”	1/2”	0,25 (B4)
38	120	144	38,04	13	10	1/2”	1/2”	0,25 (B4)
48	120	226	59,7	8,5	8,5	1/2”	1/2”	0,25 (B4)
54	120	290	76,61	6,5	6,5	3/4”	3/4”	0,25 (B4)
64	112	532	140,54	9,5	9,5	1”	1”	0,25 (B4)
76	112	766	202,36	6,5	6,5	1”	1”	0.75 (E4)
89	112	1042	275,27	4,8	4,8	1”	1”	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**