DOSING PUMP IRC-13/18/25

IRC-13/18/25 piston dosing pump 12v-24v/DC 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

Piston: Ceramic or stainless steel

Flashlight: Stainless steel 316

Gaskets: Viton

OPERATING CHARACTERISTICS

Flow rate: 110 L/h to 304 L/h

Maximum pressure: up to 10bar

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

Ambient working temperature: +5 °C to +45 °C

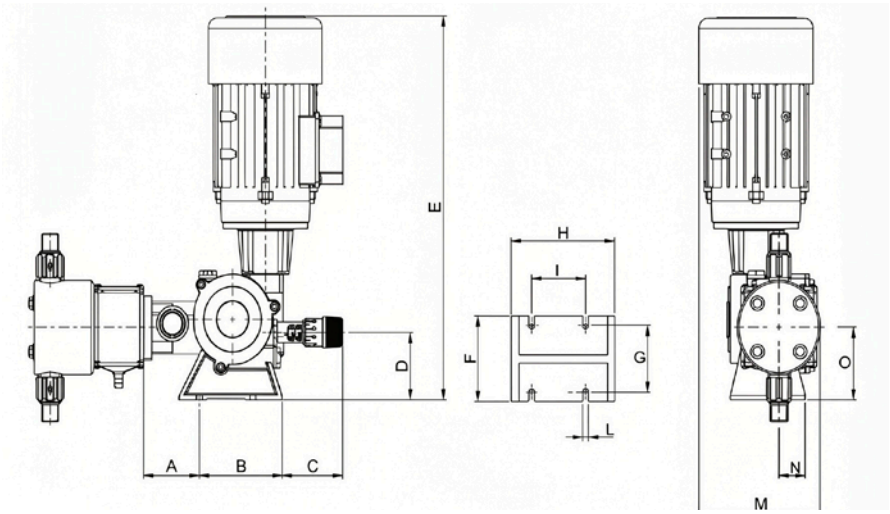
Electric motor: 22AMP AND 32AMP maximum consumption

Hydraulic connections: Between 1/2" and 3/4" depending on the model

MODELS

LITERS/H	BAR	HEAD	CONNECTION	MOTOR 12V/24V-DC	CODE (12V-DC)	RRP (€) (12V-DC)	CODE (24V-DC)	RRP (€) (24V-DC)
100	10	INOX	1/2"	22 AMP	**1307246**	1378	**1307247**	1391
100	15	INOX	1/2"	22 AMP	**1307262**	1458	**1307265**	1471
155	8	INOX	1/2"	22 AMP	**1307248**	1456	**1307249**	1469
155	10	INOX	1/2"	32 AMP	**1307263**	1536	**1307266**	1549
226	6	INOX	1/2"	22 AMP	**1307252**	1482	**1307253**	1495
226	8	INOX	1/2"	32 AMP	**1307264**	1562	**1307267**	1575
290	6	INOX	3/4"	32 KW	**1307254**	1846	**1307255**	1859

DIMENSIONS



	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

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)	ELECTRIC MOTOR (AMP)
38	116	100	26,42	9	9	1/2”	1/2”	22
48	116	155	40,95	5,5	5,5	1/2”	1/2”	22
48	120	226	59,7	8,5	8,5	1/2”	1/2”	22
54	120	290	76,61	6,5	6,5	3/4”	3/4”	32

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**