

DLX & DLXB SERIES



The high reliability and the price competitiveness make the DLX series the best proposal in dosing systems market. On request, DLXB (foot mounted) series can be supplied with a stroke length control, which enables - by a knob - to adjust the dosing volume between 20-100%.

Common Features:

- Anti-acid plastic casing
- IP65 protection degree
- Up to 20 l/h and 20 bar
- Wall (DLX) and Foot mounted (DLXB):
- Standard pump head: PP body, PTFE diaphragm, ceramic balls, FPM sealings*
- Power Supply: 220-240V - 120V (on request)
- Strokes frequency: 120 strokes/min (from 1l/h to 15l/h) - 150 strokes/m (20 l/h)
- CE (standard) and CSA certified (on request)



MA/AD

“Analogue dosing pump with manual flow rate regulation”

The DLX MA/AD model consists of series of metering pumps enabling manual regulation by knob.

General Features

- Double Manual regulation by knob
- Selectable regulation range: 0-20% or 0-100%
- Level sensor input (on request)



DLX MA/AD			Version	DLXB MA/AD			Version
PP	PVDF			PP	PVDF		
PLX 23 222 AA	PLX 23 222 5E	0115		PBX 23 222 AA	PBX 23 222 5E	0115	
PLX 23 032 01	PLX 23 032 01	0220		PBX 23 032 01	PBX 23 032 01	0220	
PLX 23 038 AA	PLX 23 038 5E	0507		PBX 23 038 AA	PBX 23 038 5E	0507	
PLX 23 228 AA	PLX 23 228 5E	0810		PBX 23 228 AA	PBX 23 228 5E	0810	
PLX 23 231 AA	PLX 23 231 5E	1504		PBX 23 231 AA	PBX 23 231 5E	1504	
PLX 23 220 01	PLX 23 220 01	2003		PBX 23 220 01	PBX 23 220 01	2003	



MA/MB

“Digital dosing pump with manual flow rate regulation”

The DLX MA/MB model consists of a series of microcontroller metering pumps enabling digital manual regulation

General Features

- 7 segments display
- Manual flow rate adjustment
- Level input (supplied without probe)
- Flow sensor (also available w/o)



DLX MA/MB			Version	DLXB MA/MB			Version
PP	PVDF			PP	PVDF		
PLX 24 222 AA	PLX 24 222 5E	0115		PBX 24 222 AA	PBX 24 222 5E	0115	
PLX 24 032 01	PLX 24 032 01	0220		PBX 24 032 01	PBX 24 032 01	0220	
PLX 24 038 AA	PLX 24 038 5E	0507		PBX 24 038 AA	PBX 24 038 5E	0507	
PLX 24 228 AA	PLX 24 228 5E	0810		PBX 24 228 AA	PBX 24 228 5E	0810	
PLX 24 231 AA	PLX 24 231 5E	1504		PBX 24 231 AA	PBX 24 231 5E	1504	
PLX 24 220 01	PLX 24 220 01	2003		PBX 24 220 01	PBX 24 220 01	2003	



VFT/MBB

“Volumetric digital solenoid dosing pump”

DLX VFT/MBB model consists of a series of metering pumps performing a proportional dosing via a contact water meter

General Features

- 7 segments display
- Operating functions:
 - Digital Manual flow rate adjustment from 0÷100%
 - Proportional dosing functions by reed water meter: 1xn; 1xn (m) 1:n;
- Manual air bleed pump head; from 5 to 15l/h automatic air bleed available on request
- Relay Output
- Level switch connector



DLX VFT/MBB			Version	DLXB VFT/MBB			Version
PP	PVDF			PP	PVDF		
PLX 39 222 AA	PLX 39 222 5E	0115		PBX 39 222 AA	PBX 39 222 5E	0115	
PLX 39 032 01	PLX 39 032 01	0220		PBX 39 032 01	PBX 39 032 01	0220	
PLX 39 038 AA	PLX 39 038 5E	0507		PBX 39 038 AA	PBX 39 038 5E	0507	
PLX 39 228 AA	PLX 39 228 5E	0810		PBX 39 228 AA	PBX 39 228 5E	0810	
PLX 39 231 AA	PLX 39 231 5E	1504		PBX 39 231 AA	PBX 39 231 5E	1504	
PLX 39 220 01	PLX 39 220 01	2003		PBX 39 220 01	PBX 39 220 01	2003	



MF/M

“Multifunction Digital solenoid dosing pump”

DLX MF/M model consists of a series of multifunction dosing pumps with a microprocessor and a liquid crystal display enabling an accurate injection pulses choice

General Features

- Manual air bleed pump head; from 5 to 15l/h automatic air bleed available on request
- Daily and weekly timer programming (8 programmes/day)
- Operating functions:
 - ON/OFF proportional operating modes,
 - Proportional dosing functions by reed water meter: 1xn; 1xn (m) 1:n; PPM
 - Adjustable 0/4-20mA control
- Flow Sensor input (Alarm)
- Relay Output
- Level probe input
- Clock and Buzzer



DLX MF/M			Version	DLXB MF/M			Version
PP	PVDF			PP	PVDF		
PLX 17 222 AA	PLX 17 222 5E	0115		PBX 17 222 AA	PBX 17 222 5E	0115	
PLX 17 032 01	PLX 17 032 01	0220		PBX 17 032 01	PBX 17 032 01	0220	
PLX 17 038 AA	PLX 17 038 5E	0507		PBX 17 038 AA	PBX 17 038 5E	0507	
PLX 17 228 AA	PLX 17 228 5E	0810		PBX 17 228 AA	PBX 17 228 5E	0810	
PLX 17 231 AA	PLX 17 231 5E	1504		PBX 17 231 AA	PBX 17 231 5E	1504	
PLX 17 220 01	PLX 17 220 01	2003		PBX 17 220 01	PBX 17 220 01	2003	



pH-Rx-Cl/M

“Integrated Instrumental dosing pump”

DLX pH-Rx-Cl/M model consists of a series of microcontroller dosing pumps with pH, RX (mV), free Chlorine control and regulation built-in instrument

General Features

- Backlight LCD display
- ON/OFF or proportional operating modes
- pH - RX - Cl inputs. Measuring ranges: 0÷14pH; -1000 ÷ +1400mV; 0÷2ppm; 0÷20ppm; 0÷200ppm; 0÷2000ppm
- Manual air bleed pump head; from 5 to 15l/h automatic air bleed available on request
- Manual/Automatic Temperature compensation 0÷100°C
- Basic and Full Menu
- Hysteresis
- Delay Setpoint setting
- Relay output
- 4 ÷ 20 mA output
- Level probe input
- Proximity switch input
- Alarm setting



DLX pH-Rx-Cl/M			Version	DLXB pH-Rx-Cl/M			Version
PP	PVDF			PP	PVDF		
PLX 27 222 AA	PLX 27 222 5E	0115		PBX 27 222 AA	PBX 27 222 5E	0115	
PLX 27 032 01	PLX 27 032 01	0220		PBX 27 032 01	PBX 27 032 01	0220	
PLX 27 038 AA	PLX 27 038 5E	0507		PBX 27 038 AA	PBX 27 038 5E	0507	
PLX 27 228 AA	PLX 27 228 5E	0810		PBX 27 228 AA	PBX 27 228 5E	0810	
PLX 27 231 AA	PLX 27 231 5E	1504		PBX 27 231 AA	PBX 27 231 5E	1504	
PLX 27 220 01	PLX 27 220 01	2003		PBX 27 220 01	PBX 27 220 01	2003	



pH-Rx/MBB

“Integrated Instrumental dosing pump”

DLX pH-Rx/MBB model consists of a series of microcontroller dosing pumps with pH or RX (mV), control and regulation built-in instrument.

General Features

- Backlight LCD display
- Manual air bleed pump head; from 5 to 15l/h automatic air bleed available on request
- pH and RX inputs. Measuring ranges: 0÷14pH; -1000 ÷ +1400mV;
- Manual (only) Temperature compensation 0÷100°C
- ON/OFF or proportional operating modes
- Hysteresis
- Switching-on delay
- Level probe input
- Alarms setting

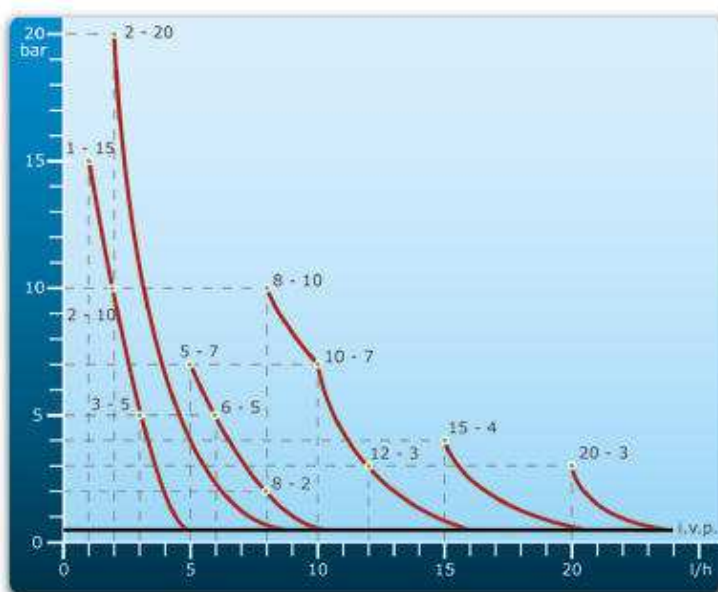


DLX pH-Rx/MBB			Version	DLXB pH-Rx/MBB			Version
PP	PVDF			PP	PVDF		
PLX 36 222 AA	PLX 36 222 5E	0115		PBX 36 222 AA	PBX 36 222 5E	0115	
PLX 36 032 01	PLX 36 032 01	0220		PBX 36 032 01	PBX 36 032 01	0220	
PLX 36 038 AA	PLX 36 038 5E	0507		PBX 36 038 AA	PBX 36 038 5E	0507	
PLX 36 228 AA	PLX 36 228 5E	0810		PBX 36 228 AA	PBX 36 228 5E	0810	
PLX 36 231 AA	PLX 36 231 5E	1504		PBX 36 231 AA	PBX 36 231 5E	1504	
PLX 36 220 01	PLX 36 220 01	2003		PBX 36 220 01	PBX 36 220 01	2003	

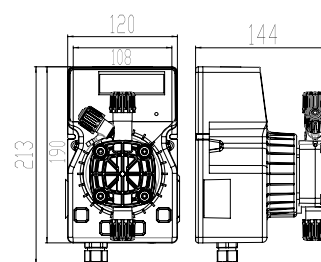
Technical Features

Version	Flow rate	Pressure	Max Frequency	Injection Volume	Power supply	Power consumption	Net Weight
	l/h (US Gal/h)	bar (psi)	imp/min	cc per stroke		W	
0115	1 (0.26)	15 (217)	120	0,14	230V - 50 - 60 Hz	37	2.3
	2 (0.53)	10 (145)		0,28			
	3 (0.78)	5 (72)		0,42			
0220	2 (0.53)	20 (290)	120	0,28	230V - 50 - 60 Hz	58	2.9
0507	5 (1.32)	7 (101)	120	0,69	230V - 50 - 60 Hz	37	2.3
	6 (1.59)	5 (72)		0,83			
	8 (2.12)	2 (29)		1,11			
0810	8 (2.12)	10 (145)	120	1,11	230V - 50 - 60 Hz	58	2.9
	10 (2.64)	7 (101)		1,39			
	12 (3.17)	3 (43)		1,67			
1504	15 (3.96)	4 (58)	120	2,08	230V - 50 - 60 Hz	58	2.9
2003	20 (5.26)	3 (43)	150	2,60	230V - 50 - 60 Hz	58	2.9

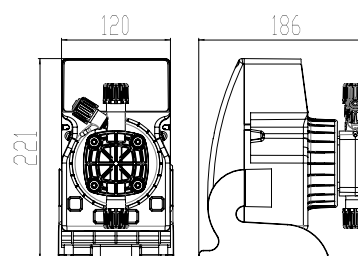
Pressure (bar) – Flow Rate (l/h) Chart



Overall Dimensions



DLX



DLXB



PP-FPM kit 1-15 L

ALL DLX are supplied with a standard PP-FPM installation kit, made up of 2m discharge PE tube (4x6mm), 2m suction + 2m bleeding PVC crystal tube (4x6mm), PP foot-filter, PP injection valve. Other configurations are available upon request.

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Stroke Length Adjustment

The Stroke Length Adjustment mechanism is available for DLXB foot mounting version only. It allows to regulate the plunger's stroke length from 20 to 100% by pressing and turning the knob up to the stroke length adjustment required. This way is possible to adjust the quantity of product delivered for each injection, performing a more accurate dosing.