



HC1 series feature LIP type head valve: standard FPM, also available in EPDM, NBR
 Cylinder Viton no-return injection valve
 Ball check valves available upon request in: Glass Pyrex, PTFE AISI 316

aqua HC 1

TECHNICAL CHARACTERISTICS

MODEL	FLOW RATE l/h	PRESSURE bar	PUMP HEAD MODEL	CC/STROKE
HC100 01.08	1	8	PP 3/8" 1	0,16
HC100 02.07	2	7	PP 3/8" 2-14	0,32
HC100 04.05	4	5	PP 3/8" 2-14	0,64
HC100 06.02	6	2	PP 3/8" 2-14	0,96



HC 100

- Constant flow rate adjustment of stroke frequency
- Double scale flow rate selector 0=20% or 0=100% of stroke frequency rate
- Analog controls

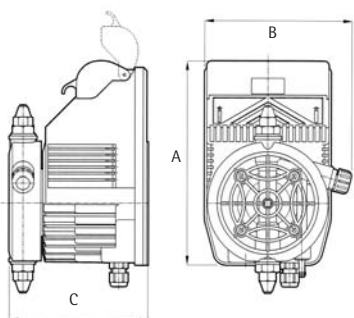
COD	MOD	HOSE DIAMETER	DIMENSIONS (mm) a x b x c	PACKING carton	VOLUME m ³	Kg
AD1000108	HC100 01.08	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1000207	HC100 02.07	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1000405	HC100 04.05	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1000602	HC100 06.02	4 x 6	208 x 134 x 127	1	0,008	2.3



HC 100 LED

- Constant flow rate adjustment of stroke frequency by means of LED signal.
- Microprocessor technology, digital controls.
- IP65 rated
- Upon request low-level control facility and Level Probe

COD	MOD	HOSE DIAMETER	DIMENSIONS (mm) a x b x c	PACKING carton	VOLUME m ³	Kg
AD1100108	HC100 LED 01.08	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1100207	HC100 LED 02.07	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1100405	HC100 LED 04.05	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1100602	HC100 LED 06.02	4 x 6	208 x 134 x 127	1	0,008	2.3



CURVES

HC1 Pump Type	Flow at max pressure		Flow at average pressure		Flow at 1 bar	
	l/h	bar	l/h	bar	l/h	bar
01-08	1	8	2,4	4	4,4	1
02-07	2	7	3	3,5	5	1
04-05	4	5	5,4	2,5	7,3	1
06-02	6	2	7,5	1,5	8	1

NOTE: flow rates obtained testing the pump with medium hardness water at rated pressure, 1,5 m suction lift, room temperature.

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TECHNICAL CHARACTERISTICS

MOD HC 100 P-I	MOD HC 100 mA	FLOW RATE l/h	PRESSURE bar	PUMP HEAD MODEL	CC/STROKE
HC100 P-I 01.08	HC100 mA 01.08	1	8	PP 3/8" 1	0,16
HC100 P-I 02.07	HC100 mA 02.07	2	7	PP 3/8" 2-14	0,32
HC100 P-I 04.05	HC100 mA 04.05	4	5	PP 3/8" 2-14	0,64
HC100 P-I 06.02	HC100 mA 06.02	6	2	PP 3/8" 2-14	0,96

HC 100 P-I

- Constant and proportional to external digital impulse divider-step down 1:n and multiplier-step up 1xn
- Microprocessor technology, digital controls and display
- IP65 rated
- Upon request low-level control facility and Level Probe

COD	MOD	HOSE DIAMETER	DIMENSIONS (mm) a x b x c	PACKING carton	VOLUME m ³	Kg	€
AD1200108	HC100 P-I 01.08	4 x 6	208 x 134 x 127	1	0,008	2.3	
AD1200207	HC100 P-I 02.07	4 x 6	208 x 134 x 127	1	0,008	2.3	
AD1200405	HC100 P-I 04.05	4 x 6	208 x 134 x 127	1	0,008	2.3	
AD1200602	HC100 P-I 06.02	4 x 6	208 x 134 x 127	1	0,008	2.3	

HC 100 mA

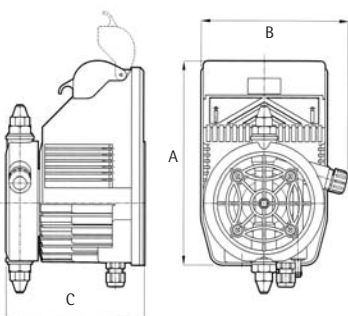
- Constant and proportional to external analogue signal 4-20mA direct or indirect
- Microprocessor technology, digital controls and display
- IP65 rated
- Upon request low-level control facility and Level Probe

COD	MOD	HOSE DIAMETER	DIMENSIONS (mm) a x b x c	PACKING carton	VOLUME m ³	Kg	€
AD1300108	HC100 mA 01.08	4 x 6	208 x 134 x 127	1	0,008	2.3	
AD1300207	HC100 mA 02.07	4 x 6	208 x 134 x 127	1	0,008	2.3	
AD1300405	HC100 mA 04.05	4 x 6	208 x 134 x 127	1	0,008	2.3	
AD1300602	HC100 mA 06.02	4 x 6	208 x 134 x 127	1	0,008	2.3	

CURVES

HC1 Pump Type	Flow at max pressure		Flow at average pressure		Flow at 1 bar	
	l/h	bar	l/h	bar	l/h	bar
01-08	1	8	2,4	4	4,4	1
02-07	2	7	3	3,5	5	1
04-05	4	5	5,4	2,5	7,3	1
06-02	6	2	7,5	1,5	8	1

NOTE: flow rates obtained testing the pump with medium hardness water at rated pressure, 1,5 m suction lift, room temperature.





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TECHNICAL CHARACTERISTICS

MOD HC 100 PH	MOD HC 100 RX	FLOW RATE l/h	PRESSURE bar	PUMP HEAD MODEL	CC/STROKE
HC100 PH 01.08	HC100 RX 01.08	1	8	PP 3/8" 1	0,16
HC100 PH 02.07	HC100 RX 02.07	2	7	PP 3/8" 2-14	0,32
HC100 PH 04.05	HC100 RX 04.05	4	5	PP 3/8" 2-14	0,64
HC100 PH 06.02	HC100 RX 06.02	6	2	PP 3/8" 2-14	0,96



HC 100 PH

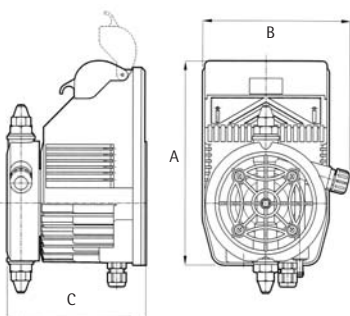
- Dosing pump with built in proportional pH meter
- Range 0÷14
- Microprocessor technology, digital controls and display
- IP65 rated
- Upon request low-level control facility and Level Probe

COD	MOD	HOSE DIAMETER	DIMENSIONS (mm) a x b x c	PACKING carton	VOLUME m ³	Kg
AD1400108	HC100 PH 01.08	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1400207	HC100 PH 02.07	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1400405	HC100 PH 04.05	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1400602	HC100 PH 06.02	4 x 6	208 x 134 x 127	1	0,008	2.3

HC 100 RX

- Dosing pump with built in proportional Redox (ORP) meter
- Redox range 0÷1000mV
- Microprocessor technology, digital controls and display
- IP65 rated
- Upon request low-level control facility and Level Probe

COD	MOD	HOSE DIAMETER	DIMENSIONS (mm) a x b x c	PACKING carton	VOLUME m ³	Kg
AD1500108	HC100 RX 01.08	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1500207	HC100 RX 02.07	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1500405	HC100 RX 04.05	4 x 6	208 x 134 x 127	1	0,008	2.3
AD1500602	HC100 RX 06.02	4 x 6	208 x 134 x 127	1	0,008	2.3



CURVES

HC1 Pump Type	Flow at max pressure		Flow at average pressure		Flow at 1 bar	
	l/h	bar	l/h	bar	l/h	bar
01-08	1	8	2,4	4	4,4	1
02-07	2	7	3	3,5	5	1
04-05	4	5	5,4	2,5	7,3	1
06-02	6	2	7,5	1,5	8	1

NOTE: flow rates obtained testing the pump with medium hardness water at rated pressure, 1,5 m suction lift, room temperature.