

# M E T E R I N G P U M P S



## COMPRESSED AIR PUMPS

CMS AC \* GAC \* H-AC



Compressed air pumps combine the versatility of the electronic drive with the strengthness of compressed air to obtain higher capacities.

EMEC offers a wide range of these pumps to fullfil every dosing needs.



# M E T E R I N G P U M P S

CMS AC \* H-AC

## CMS AC

WITH STROKE LENGTH ADJUSTMENT

### CMS AC-CL

Constant pump with level control, stroke speed (frequency) adjustment and stroke length adjustment

### CMS AC-CO

Constant pump with stroke speed (frequency) adjustment and stroke length adjustment

### CMS AC-IS

Constant-Proportional pump driven by external digital signal with level control: to each external pulse correspond one pump stroke

### CMS AC-IC

Constant-Proportional pump driven by current (0/4mA = 0 pulses; 20mA = max pulses) and level control

### CMS AC-PV

Constant-Proportional pump driven by external digital signal, with pulse divider mode (ratio 1 to 1000) and level control

### CMS AC-PVM

Constant-Proportional pump driven by external digital signal, level control, with pulse divider mode (ratio 1 to 100) and multiplier mode (ratio 1 to 10)



	CMS AC	CMS AC CO	CMS AC CL	CMS AC IS	CMS AC PV	CMS AC PVM	CMS AC IC
<b>Input Signals</b>	None	None	None	Digital Pulses	Digital Pulses	Digital Pulses	mA Current
<b>Internal Controller</b>	Stroke speed	Stroke speed	None	None	Pulse Divider	Pulse Divider and Multiplier	None
<b>Alarm output</b>	Level on demand						

## H - A C

WITH STROKE LENGTH ADJUSTMENT

### H-AC-CO

Constant pump with stroke speed (frequency) adjustment and stroke length adjustment

### H-AC-CL

Constant pump with level control, stroke speed (frequency) adjustment and stroke length adjustment

### H-AC-IS

Constant-Proportional pump driven by external digital signal with level control: to each external pulse correspond one pump stroke

### H-AC-IC

Constant-Proportional pump driven by current (0/4mA = 0 pulses; 20mA = max pulses) and level control

### H-AC-PV

Constant-Proportional pump driven by external digital signal, with pulse divider mode (ratio 1 to 1000) and level control

### H-AC-PVM

Constant-Proportional pump driven by external digital signal, level control, with pulse divider mode (ratio 1 to 100) and multiplier mode (ratio 1 to 10)



	H-AC	H-AC CO	H-AC CL	H-AC IS	H-AC PV	H-AC PVM	H-AC IC
<b>Input Signals</b>	None	None	None	Digital pulses	Digital pulses	Digital pulses	mA Current
<b>Internal Controller</b>	Stroke speed	Stroke speed	None	None	Pulse Divider	Pulse Divider and Multiplier	None
<b>Alarm output</b>	Level on demand, PV model with flow on demand						

# M E T E R I N G P U M P S

## GAC

# GAC

### GAC CO

Constant pump with stroke speed (frequency) adjustment and stroke length adjustment

### GAC CL

Constant pump with level control, stroke speed (frequency) adjustment

### GAC IS

Constant-Proportional pump driven by external digital signal with level control: to each external pulse correspond one pump stroke

### GAC IC

Constant-Proportional pump driven by current (0/4mA = 0 pulses; 20mA = max pulses) and level control

### GAC PV

Constant-Proportional pump driven by external digital signal, with pulse divider mode (ratio 1 to 1000) and level control

### GAC PVM

Constant-Proportional pump driven by external digital signal, level control, with pulse divider mode (ratio 1 to 100) and multiplier mode (ratio 1 to 10)



GAC	GAC CO	GAC CL	GAC IS	GAC PV	GAC PVM	GAC IC
<b>Input Signals</b>	None	None	Digital pulses	Digital pulses	Digital pulses	mA Current
<b>Internal Controller</b>	Stroke speed	Stroke speed	None	Pulse Divider	Pulse Divider and Multiplier	None
<b>Alarm output</b>	Level on demand					

# TECHNICAL DATA OF ALL MODELS

GAC	Max Capacity l/h	Max Pressure bar	Capacity l/h	Pressure bar	ml stroke	Strokes/ min	Hoses mm	Watt W	Shipping weight Kg	Air Consumption l/min	Air Supply bar
180 00	180	00	7	4	25	120	13x16 PVDF 12X15 PE	1 W	9	28	7
140 05	140	05	12	3	19,5	120	13x16 PVDF 12X15 PE	1 W	9	28	7
50 10	50	10	27	2	7	120	8X10 PVDF 8X12 PE	1 W	9	20	7

CMS AC	Max Capacity l/h	Max Pressure bar	Capacity l/h	Pressure bar	ml stroke	Strokes/ min	Hoses mm	Watt W	Shipping weight Kg	Air Consumption l/min	Air Supply bar
180 00	180	00	7	4	25	120	13x16 PVDF 12X15 PE	1 W	9	30	7
140 05	140	05	12	3	19,5	120	13x16 PVDF 12X15 PE	1 W	9	30	7
50 10	50	10	27	2	7	120	8X10 PVDF 8X12 PE	1 W	9	20	7

H AC	Max Capacity l/h	Max Pressure bar	Capacity l/h	Pressure bar	ml stroke	Strokes/ min	Hoses mm	Watt W	Shipping weight Kg	Air Consumption l/min	Air Supply bar
10 14	14	10	7	5	1,55	120	6 x 8	1 W	9	6	7

**SINCERT**



Sistema di Gestione certificato  
UNI EN ISO 9001:2000

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