

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 strength of compressed air to obtain higher capacities.

EMEC offers a wide range of these pumps to fulfil 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
Input Signals	None	None	Digital Pulses	Digital Pulses	Digital Pulses	mA Current
Internal Controller	Stroke speed	Stroke speed	None	Pulse Divider	Pulse Divider and Multiplier	None
Alarm output	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
Input Signals							
	None	None	Digital pulses	Digital pulses Flow sensor on demand	Digital pulses	mA Current	
	Stroke speed	Stroke speed	None	Pulse Divider	Pulse Divider and Multiplier	None	
Internal Controller	Level on demand, PV model with flow on demand						
Alarm output							

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
Input Signals	None	None	Digital pulses	Digital pulses	Digital pulses	mA Current
Internal Controller	Stroke speed	Stroke speed	None	Pulse Divider	Pulse Divider and Multiplier	None
Alarm output	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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