

DOSTEC AC

Highlights

- **Flow:** 3-317 g/h Piston Series
- **Flow:** 3-276 g/h Diaphragm Series
- **Maximum pressure:** 290 PSI
- Analogue control (0/4-20mA)
- Proportional pulse control
- Batch dosing control
- ModBus supervisory control
- Manual flow control



Dostec AC is a diaphragm or piston dosing pump with advanced control for an accurate and efficient automatic dosing.

This series allows many dosing possibilities depending on the chosen head. The flow range covers from 3 to 1200 l/h (317 gph) up to pressures of 20 bar (290 psi). The correct selection of head's materials, PP, PVDF or S.S., makes this pump suitable for the most chemicals products used in water treatment, chemical industry, food and beverage and agriculture.

Operation modes

- **Manual:** manual flow adjustment through the keyboard
- **Analogue:** dosing flow proportional to a 0/4-20mA signal
- **Proportional to flow:** proportional dosing to a water flow
- **Proportional to pulses:** stroke frequency proportional to input pulses
- **Batch control, by volume:** dosing a defined volume, after a manual, remote or time pre-set start
- **Batch control, by time:** dosing for a defined time, after a manual, remote or time pre-set start
- **ModBus:** dosing control through ModBus RTU protocol

*****Ask about Dostec AC app**



DOSTEC AC PISTON PUMPS



Model # 73-AC1P44-P24PBM
Flow: 16 g/h
Pressure: 217 psi

DOSTEC AC AVAILABLE MOTOR

- 1 PHASE (110 VOLTS)
- 1 PHASE (220 VOLTS)



Model # 73-AC1P44-P34PBM
Flow: 31.7 g/h
Pressure: 217 psi

KEY NOTES

PISTON PUMPS CAN BE USED FOR FERTILIZERS AND LIGHT ACIDS.

FOR SULFURIC ACID, USE DIAPHRAGM PUMPS.



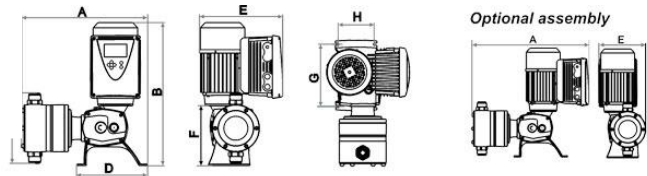
Model # 73-AC1P44-P49PBM
Flow: 63.4 g/h
Pressure: 160 psi



Model # 73-AC1P44-P61PBM
Flow: 95 g/h
Pressure: 102 psi



Model # 73-AC1P44-P77PBM
Flow: 159 g/h
Pressure: 65 psi



Piston	A	B	C	D	E	F	G	H	
AC3	429	490	230	241	285	210	212	122	mm
	16.8	19.3	9	9.5	11.2	8.2	8.3	4.8	in
AC2 /1	306	400	154	180	270	150	155	90	mm
	12	15.7	6	7	10.6	5.9	6.1	3.5	in

	A	E	
AC3	525	205	mm
	9.9	8.1	in
AC2 /1	422	155	mm
	16.6	6.1	in

Diaphragm	A	B	C	D	E	F	G	H	
D163	395	490	270	241	285	210	212	122	mm
	15.5	19.3	10.6	9.5	11.2	8.2	8.3	4.8	in
D142	394	490	250	241	285	210	212	122	mm
	15.5	19.3	9.8	9.5	11.2	8.2	8.3	4.8	in
D115	270	400	204	180	270	150	155	90	mm
	10.6	15.7	8	7	10.6	5.9	6.1	3.5	in
D95	270	400	184	180	270	150	155	90	mm
	10.6	15.7	7.2	7	10.6	5.9	6.1	3.5	in
D69	274	400	154	180	270	150	155	90	mm
	10.6	15.7	6	7	10.6	5.9	6.1	3.5	in

	A	E	
D163	490	225	mm
	19.3	8.8	in
D142	489	215	mm
	19.2	8.4	in
D115	386	180	mm
	15.1	7.1	in
D95	386	170	mm
	15.1	6.7	in
D69	390	155	mm
	15.3	6.1	in

DOSTEC AC DIAPHRAGM PUMPS



Model # 73-AC1D42-D69PBM
Flow: 18-24.6 g/h
Pressure: 145 psi



Model # 73-AC1D43-D69PBM
Flow: 22-29 g/h
Pressure: 145 psi



Model # 73-AC1D42-D95PBM
Flow: 38-45 g/h
Pressure: 116 psi



Model # 73-AC1D43-D95PBM
Flow: 45-55 g/h
Pressure: 116 psi



Model # 73-AC1D42-D115PBM
Flow: 66-75 g/h
Pressure: 72 psi



Model # 73-AC1D43-D115PBM
Flow: 79-90 g/h
Pressure: 72 psi

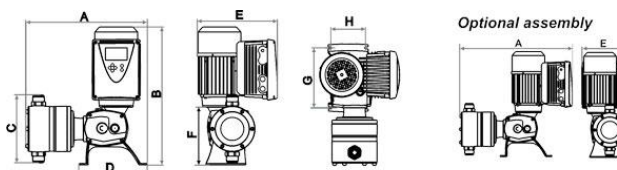
DOSTEC AC AVAILABLE MOTOR

- 1 PHASE (110 VOLTS)
- 1 PHASE (220 VOLTS)

KEY NOTES

DIAPHRAGM PUMPS CAN BE USED FOR FERTILIZERS AND STONG ACIDS.

FOR SULFURIC ACID, CONTACT DEALER TO REPLACE HEAD WITH PVDF MATERIAL. ALSO AVAILABLE WITH STAINLESS STEEL HEAD.



Piston	A	B	C	D	E	F	G	H	
AC3	429	490	230	241	285	210	212	122	mm
	16.8	19.3	9	9.5	11.2	8.2	8.3	4.8	in
AC2 /1	306	400	154	180	270	150	155	90	mm
	12	15.7	6	7	10.6	5.9	6.1	3.5	in

	A	E	
AC3	525	205	mm
	9.9	8.1	in
AC2 /1	422	155	mm
	16.6	6.1	in

Diaphragm	A	B	C	D	E	F	G	H	
D163	395	490	270	241	285	210	212	122	mm
	15.5	19.3	10.6	9.5	11.2	8.2	8.3	4.8	in
D142	394	490	250	241	285	210	212	122	mm
	15.5	19.3	9.8	9.5	11.2	8.2	8.3	4.8	in
D115	270	400	204	180	270	150	155	90	mm
	10.6	15.7	8	7	10.6	5.9	6.1	3.5	in
D95	270	400	184	180	270	150	155	90	mm
	10.6	15.7	7.2	7	10.6	5.9	6.1	3.5	in
D69	274	400	154	180	270	150	155	90	mm
	10.6	15.7	6	7	10.6	5.9	6.1	3.5	in

	A	E	
D163	490	225	mm
	19.3	8.8	in
D142	489	215	mm
	19.2	8.4	in
D115	386	180	mm
	15.1	7.1	in
D95	386	170	mm
	15.1	6.7	in
D69	390	155	mm
	15.3	6.1	in

DOSTEC AC/50 PISTON PUMPS



Model # 73-AC3P43-P77PPX
Flow: 106 g/h
Pressure: 174 psi

DOSTEC AC/50 AVAILABLE MOTOR

- 1 PHASE(220 VOLTS)



Model # 73-AC3P44-P77PPX
Flow: 159 g/h
Pressure: 160 psi

KEY NOTES

HIGHER DOSING VOLUME.

PISTON PUMPS CAN BE USED FOR FERTILIZERS AND LIGHT ACIDS.

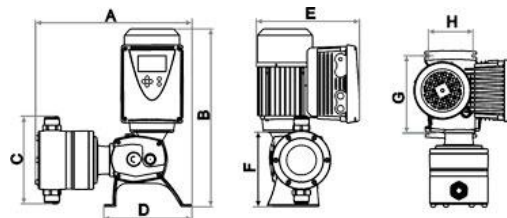


Model # 73-AC3P44-P95PPX
Flow: 238 g/h
Pressure: 109 psi

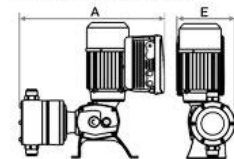
FOR **SULFURIC ACID**, USE DIAPHRAGM PUMPS.



Model # 73-AC3P44-P110PPX
Flow: 317 g/h
Pressure: 80 psi



Optional assembly



Piston	A	B	C	D	E	F	G	H		
	AC3	429	490	230	241	285	210	212	122	mm
		16.8	19.3	9	9.5	11.2	8.2	8.3	4.8	in
	AC2/1	306	400	154	180	270	150	155	90	mm
		12	15.7	6	7	10.6	5.9	6.1	3.5	in

	A	E	
AC3	525	205	mm
	9.9	8.1	in
AC2/1	422	155	mm
	16.6	6.1	in

Diaphragm	A	B	C	D	E	F	G	H		
	D163	395	490	270	241	285	210	212	122	mm
		15.5	19.3	10.6	9.5	11.2	8.2	8.3	4.8	in
	D142	394	490	250	241	285	210	212	122	mm
		15.5	19.3	9.8	9.5	11.2	8.2	8.3	4.8	in
	D115	270	400	204	180	270	150	155	90	mm
		10.6	15.7	8	7	10.6	5.9	6.1	3.5	in
	D95	270	400	184	180	270	150	155	90	mm
		10.6	15.7	7.2	7	10.6	5.9	6.1	3.5	in
	D69	274	400	154	180	270	150	155	90	mm
		10.6	15.7	6	7	10.6	5.9	6.1	3.5	in

	A	E	
D163	490	225	mm
	19.3	8.8	in
D142	489	215	mm
	19.2	8.4	in
D115	386	180	mm
	15.1	7.1	in
D95	386	170	mm
	15.1	6.7	in
D69	390	155	mm
	15.3	6.1	in

DOSTEC AC/50 DIAPHRAGM PUMPS



Model # 73-AC3D42-D142PPX
Flow: 99-127 g/h
Pressure: 145 psi

DOSTEC AC/50 AVAILABLE MOTOR

- 1 PHASE(220 VOLTS)



Model # 73-AC3D43-D142PPX
Flow: 132-170 g/h
Pressure: 145 psi

KEY NOTES

HIGHER DOSING VOLUME

DIAPHRAGM PUMPS CAN BE USED FOR FERTILIZERS AND STONG ACIDS.

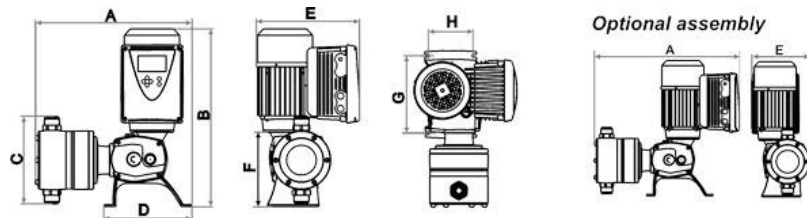


Model # 73-AC3D43-D163PPX
Flow: 165-217 g/h
Pressure: 102 psi

FOR **SULFURIC ACID**, CONTACT DEALER TO REPLACE HEAD WITH PVDF MATERIAL. ALSO AVAILABLE WITH STAINLESS STEEL HEAD.



Model # 73-AC3D44-D163PPX
Flow: 276-331 g/h
Pressure: 73 psi



Piston		A	B	C	D	E	F	G	H	
	AC3	429	490	230	241	285	210	212	122	mm
		16.8	19.3	9	9.5	11.2	8.2	8.3	4.8	in
	AC2/1	306	400	154	180	270	150	155	90	mm
		12	15.7	6	7	10.6	5.9	6.1	3.5	in

Optional assembly		A	E	
AC3		525	205	mm
		9.9	8.1	in
AC2/1		422	155	mm
		16.6	6.1	in

Diaphragm		A	B	C	D	E	F	G	H	
	D163	395	490	270	241	285	210	212	122	mm
			15.5	19.3	10.6	9.5	11.2	8.2	8.3	4.8
	D142	394	490	250	241	285	210	212	122	mm
			15.5	19.3	9.8	9.5	11.2	8.2	8.3	4.8
	D115	270	400	204	180	270	150	155	90	mm
		10.6	15.7	8	7	10.6	5.9	6.1	3.5	in
D95	270	400	184	180	270	150	155	90	mm	
		10.6	15.7	7.2	7	10.6	5.9	6.1	3.5	in
D69	274	400	154	180	270	150	155	90	mm	
		10.6	15.7	6	7	10.6	5.9	6.1	3.5	in

Optional assembly		A	E	
D163		490	225	mm
		19.3	8.8	in
D142		489	215	mm
		19.2	8.4	in
D115		386	180	mm
		15.1	7.1	in
D95		386	170	mm
		15.1	6.7	in
D69		390	155	mm
		15.3	6.1	in