



SANDUR
FLUID CONTROLS

— SINCE 1986 —



DOSING PUMPS

CONTROLLERS + SYSTEMS + AUTOMATION

ABOUT SANDUR

Sandur Fluid Controls Pvt. Ltd. is a leading manufacturer of Dosing/Metering Pumps since 1986. The superiority of the product is a result of extensive research & development based on specific market and customer requirements. The products are designed and manufactured in ISO 9001 facilities under strict quality control systems.

ELECTROMAGNETIC DOSING PUMP

E SERIES

- ✓ High quality plastic pump body
- ✓ Flow rate 0.156 LPH to 11.40 LPH
- ✓ Maximum pressure of 20 Bar
- ✓ 0% to 100% stroke frequency adjustment
- ✓ 0% to 100% stroke length adjustment
- ✓ Option to accept 4-20 mA signal for auto dosing
- ✓ Protection class IP 65



CC3 SERIES

- ✓ High quality plastic pump body
- ✓ Flow rate 0.156 LPH to 11.40 LPH
- ✓ Maximum pressure of 20 Bar
- ✓ 25%, 50%, 100% stroke frequency adjustment
- ✓ 0% to 100% stroke length adjustment
- ✓ Option to accept 4-20 mA signal for auto dosing
- ✓ Protection class IP 65



B SERIES

- ✓ Aluminium die-cast powder coated pump body
- ✓ Flow rate 1.44 LPH to 54.60 LPH
- ✓ Maximum pressure of 25 Bar
- ✓ 0% to 100% stroke frequency adjustment
- ✓ 10% to 100% stroke length adjustment
- ✓ Option to accept 4-20 mA signal for auto dosing
- ✓ Locking arrangement for stroke length adjustment knob
- ✓ Protection class IP 54



ELECTROMECHANICAL / MOTORIZED DOSING PUMP

DOSTEC SERIES

- ✓ Aluminium casting pump body
- ✓ 10% to 100% stroke length adjustment
- ✓ Option to connect VFD for providing 4-20 mA
- ✓ Flow rate 5.5 LPH to 1000 LPH
- ✓ Maximum pressure of 15 Bar
- ✓ Heavy duty & high precision
- ✓ Protection class IP 55



SKID MOUNTED DOSING SYSTEMS

DOSING SYSTEM

Dosing system can be assembled with:

- ✓ FRP/HDPE/SS/MS Tanks
- ✓ Tank capacity from 100 Ltr. To 2000 Ltr.
- ✓ Mixer/Agitator
- ✓ Calibrations columns
- ✓ Piping & valves arrangements
- ✓ PRV, Pulsation Dampeners, Flow meters etc.
- ✓ Sensors & controls

PRODUCT FEATURES (for elect. mag. pump)

- ✓ Compact Size
- ✓ Double Ball Check Valves
- ✓ High Quality, Long lasting re-inforced PTFE Diaphragm
- ✓ Maximum stroke length of only 1.25 mm, hence maintenance free
- ✓ No lubrication needed
- ✓ Discharge Rate Accuracy $\pm 2\%$
- ✓ Linearity $\pm 3\%$
- ✓ Pulse Rate Stability $\pm 1\%$
- ✓ Handles any chemical
- ✓ Can accept Potential Free Pulses and 4-20 mA signals
- ✓ Discharge Countdown
- ✓ Ratio of 1:250
- ✓ Suitable for single phase power supply of 230V(AC)

TECHNICAL SPECIFICATION - ELECTROMAGNETIC PUMPS

PUMP MODEL	PRESSURE (BAR)	CAPACITY (LPH)	STROKES PER MIN	NOMINAL POWER (WATT)	TUBING SIZE I/D X O/D(MM)	SUCTION LIFT mWG	SHIPPING WEIGHT(KG)
E 1000__ E 2001__ CC3 2001__	10.00	0.156	100	12	4 X 6	1.5	2.5
E 1201__ CC3 1201__	20.00	0.54	100	12	4 X 6	3.0	2.5
E 0803__ CC3 0803__	12.00	1.08	100	12	4 X 6	4.0	2.5
E 1002__ CC3 1002__	8.00	2.88	100	12	4 X 6	5.0	2.5
E 0407__ CC3 0407__	10.00	1.74	100	12	6 X 8	5.0	2.6
E 0212__ CC3 0212__	3.50	6.30	100	12	6 X 8	2.5	2.6
B 25001__	2.00	11.40	100	12	6 X 8	2.0	2.8
B 25005__	25.00	1.44	120	55	6 X 8	6.0	6.0
B 10006__	25.00	4.22	110	120	6 X 8	6.0	11.0
B 16010__	10.00	5.76	120	55	6 X 8	5.0	6.0
B 06012__	16.00	9.90	110	120	6 X 8	6.0	11.0
B 10013__	6.00	11.93	120	55	6 X 8	3.0	6.0
B 04017__	10.00	12.95	110	120	9 X 12	5.0	11.0
B 02035__	4.00	16.71	120	55	9 X 12	2.5	6.0
B 04026__	1.25	34.92	120	55	9 X 12	1.5	6.0
B 02055__	4.00	26.40	110	120	9 X 12	1.0	12.0
	1.50	54.60	110	120	19 X 27	1.0	12.0

MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL				
Head	PP	PVC	Teflon	Acrylic	SS
Diaphragm	Diaphragm Consists of a high quality, fabric-reinforced EPDM Elastomer with an intergrally-vulcanised steel core with a large surface area and a PTFE teflon back on the surfaces in contact with the media				
Ball	Ceramic	Ceramic	Ceramic	Ceramic	SS/Ceramic
O ring	Viton	Viton	Teflon	Viton	Teflon
Suction/Discharge Valve	PP	PVC	Teflon	PP	SS
Foot Valve	PP	PVC	Teflon	PP	SS
Dosing Valve	PP	PVC	Teflon	PP	SS
Tubing	LDPE	LDPE	LDPE/Teflon	LDPE	LDPE

TECHNICAL SPECIFICATION - ELECTROMECHANICAL PUMPS

MODEL	DESIGN FLOW (LPH)	WORKING FLOW (LPH)	PRESSURE (BAR)	POWER	SPM	STROKE LENGTH (in mm)	END CONNECTION (in mm)
60-AD11-D69__L	8	5.5	15	415V, 0.5 HP, 3 PH	22	4.5	6 X 12
60-AD21-D69__L	13	9.5	15	415V, 0.5 HP, 3 PH	36	4.5	6 X 12
60-AD31-D69__L	22	16	15	415V, 0.5 HP, 3 PH	60	4.5	6 X 12
60-AD41-D69__L	44	32	15	415V, 0.5 HP, 3 PH	120	4.5	6 X 12
60-AD51-D69__L	53	38	15	415V, 0.5 HP, 3 PH	144	4.5	6 X 12
60-AD42-D69__M	77	57	10	415V, 0.5 HP, 3 PH	120	7.5	19 X 27
60-AD43-D69__M	93	69	10	415V, 0.5 HP, 3 PH	120	9	19 X 27
60-AD51-D95__M	104	86	8	415V, 0.5 HP, 3 PH	144	4.5	19 X 27
60-AD42-D95__M	145	120	8	415V, 0.5 HP, 3 PH	120	7.5	19 X 27
60-AD43-D95__M	174	144	8	415V, 0.5 HP, 3 PH	120	9	19 X 27
60-AD53-D95__M	209	173	8	415V, 0.5 HP, 3 PH	144	9	19 X 27
60-AD42-D115__M	237	209	5	415V, 0.5 HP, 3 PH	120	7.5	19 X 27
60-AD43-D115__M	285	251	5	415V, 0.5 HP, 3 PH	120	9	19 X 27
60-AD53-D115__M	342	301	5	415V, 0.5 HP, 3 PH	144	9	19 X 27
71-LD43-D142__X	535	415	10	415V, 1 HP, 3 PH	120	9	31 X 38
71-LD43-D163__X	685	520	7	415V, 1 HP, 3 PH	120	15	31 X 38
71-LD44-D163__X	1045	870	5	415V, 1 HP, 3 PH	120	15	31 X 38
71-LD54-D163__X	1254	1080	4	415V, 1 HP, 3 PH	144	15	31 X 38





THE FIRST COMPANY IN INDIA TO MANUFACTURE ELECTRO-MAGNETIC DOSING/METERING PUMPS
AND ALSO THE FIRST TO OBTAIN ISO 9000 CERTIFICATION FOR DOSING/METERING PUMPS.

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