REKORDMIX

L1 40-950
L2 50-1450
L3 75-1450

Application

Long-axis agitator for open and closed pits
Dry matter content up to 8 %
Substrate temperature up to 60°C
pH-value 6.5 - 8.2

Technical data

Tube length 2.25 / 2.75 / 3.25 / 3.75 / 4.25 m
Motor handle with handhold
Leg support
Sound pressure level 72 dB(A)
Agitator completely in modular design

Motor

4.0 kW (945 rpm) / 5.0 kW (1.460 rpm - IE3) /
7,5 kW (1.440 rpm)
400 V, 50 Hz
PTC thermistors 160°C as overheat protection

Accessories

Trolley standard: 100 cm width
Trolley narrow: 58 cm width
Suspension mounting frame EB2 for elevated tanks
Frame clamp for dowel fixing
Oil inspection glass for monitoring the tightness

Tube

Tube diameter Ø 70 x 3 mm in ss304
Slip-on shaft Ø 20 mm with intermediate bearings and two-sided plug connection
Tube filled with approx. 40 % sealing oil ISO VG 68

Propeller

2-blades

Rekordmix L1	4.0 kW	propeller L4 320	945 rpm
Rekordmix L2	5.0 kW	propeller L2 270	1.460 rpm
Rekordmix L3	7.5 kW	propeller L3 300	1.440 rpm

Standard is galvanized optional ss304

Bearing

2 tapered roller bearings to absorb the axial forces
Shaft sealing rings, optional: mechanical seal SiC/SiC

Control box (optional)

Star-delta-switch
(for L1 and L3 on additional ss304 support)

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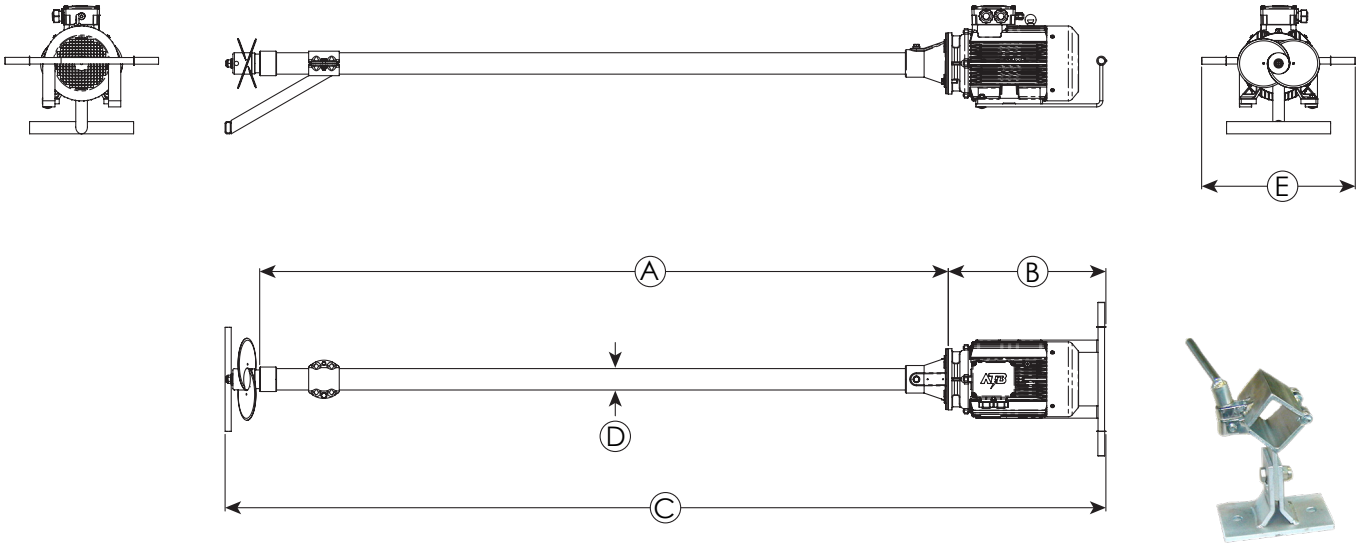

Dimensions

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]					
L1	2.250 - 4.250	510	2.920 - 4.920	70	500					
L2	2.250 - 4.250	460	2.870 - 4.870	70	500					
L3	2.250 - 4.250	510	2.920 - 4.920	70	500					

Technical data

Type	Rated Power [kW]	Rated Voltage [V]	Full load current [A]	Frequency [Hz]	Power factor cos φ	Propeller speed [rpm]	Propeller diameter [mm]	Axial force [kN]	Flow velocity [m/s] *	Pumping rate [m³/min]	Weight approx. [kg]	
L1	4.0	400	9.8	50	0.72	945	320	0.60	4.0	18	110	
L2	5.0	400	10.5	50	0.77	1.460	275	0.75	5.3	17	110	
L3	7.5	400	16.0	50	0.79	1.440	300	1.15	5.7	23	110	

Subject to technical changes
* measured in water and 1.2 m distance

Phone: +49 8376 / 92131 - 0 | Fax: - 19 | info@suma.de | www.suma.de/en

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