

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 (1.450 rpm - IE3) /
 7.5 kW (1,450 rpm)
 400 V, 50 Hz
 PTC thermistors 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 275	1,450 rpm
Rekordmix L3	7.5 kW	propeller L3 300	1,450 rpm

Galvanized or 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 L2)
 Holding device for hand switch (for L1 and L3)

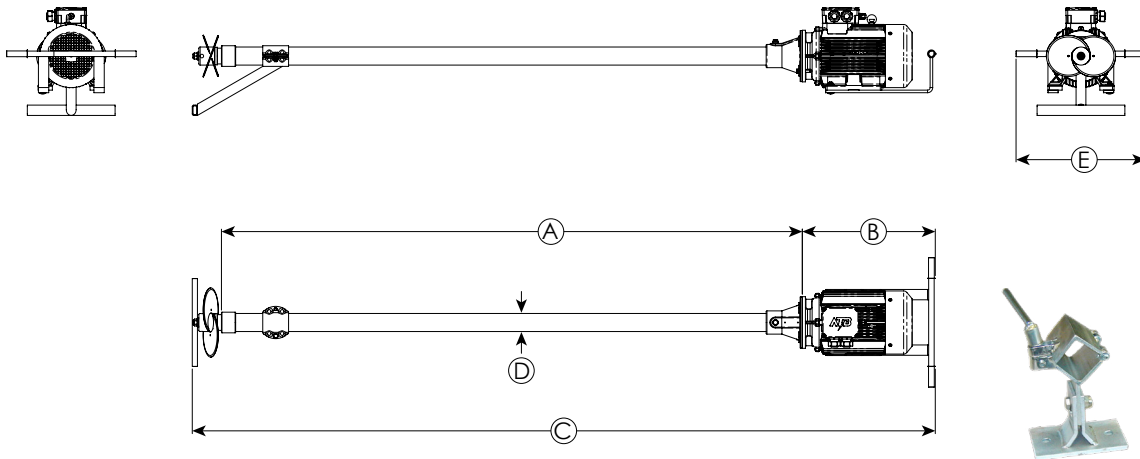


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Dimensions

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 [m ³ /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	1.450	270	0.75	5.3	17	110
L3	7.5	400	16.0	50	0.79	1.450	300	1.15	5.7	23	110

Subject to technical changes

* measured in water and 1.2 m distance