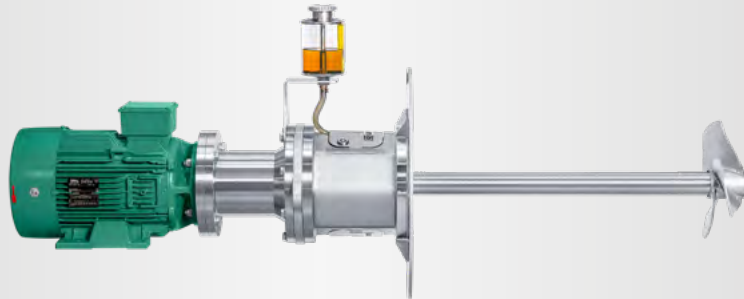


STIR-MIX-HOMOGENIZE

S-MIX 40-950




Application

Dry matter content up to 8 %
Substrate temperature up to 100°C
pH-values 5.5 - 8.2

Technical data

Sealing plate Ø 550 mm,
other dimensions on request
Sealing by Cartridge cartridge mechanical seal
SiC/SiC
Shutoff device
(Enables seal replacement when the tank is full)

Motor

Motor power: 4 kW (6-poles - 1,000 rpm*)
400 V, 50 Hz
PTC thermistors as overheat protection
Ex-Motor  II 3G Ex nA IIA T3 Gc (Ex-Zone 2)

* the actual rated speed of the motor may deviate slightly

Agitator shaft

Agitator shaft Ø 55 mm in ss304, optional in ss316
Length 0.6 / 0.8 m (other lengths on request)



Propeller

3-bladed, dynamically balanced propeller
S-MIX 40-950 | 4.0 kW | propeller LD 310 | 950 rpm
ss304, optional ss316

Bearing

2 spherical roller bearings , maintenance-free

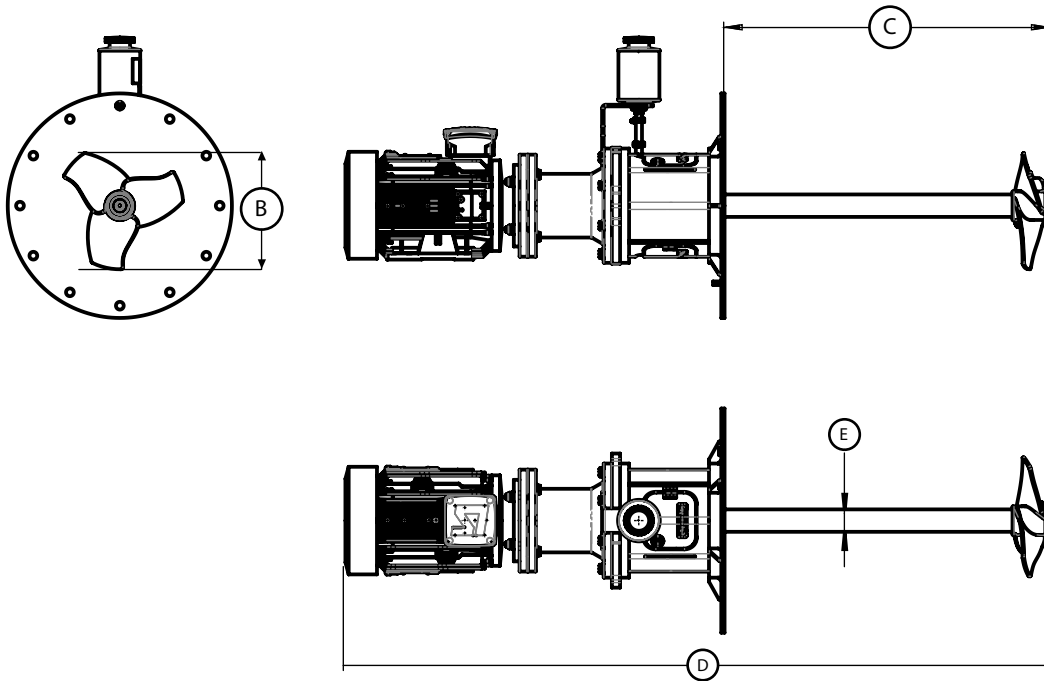
Ex-Zone

Ex-zone 2 (outside the tank) and zone 1 (inside the tank)
Classification mechanical components
  II 2G Ex h IIA T3 Gb

Control box (optional)

Star-delta-switch, soft start or frequency converter
Delivery without connecting cable

S-MIX 40-950



Dimensions

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [∅ in mm]						
S-MIX 40-950	550	310	595	1.520	55						
			795	1.720							

Technical Data

Type	Rated power [kW]	Rated Voltage [V]	Rated Current [A]	Frequency [Hz]	Power factor cos ϕ	Propeller speed [rpm]	Propeller diameter [mm]	Axial force [kN]	Flow velocity [m/s] *	Pumping rate Water [m ³ /min]	Weight approximate [kg]
S-MIX 40-950	4.0	400	9.8	50	0.72	950	310	0.70	3.0	13	140

Subject to technical changes

* measured in water and 1.2 m distance

As per: 2023-05.1

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