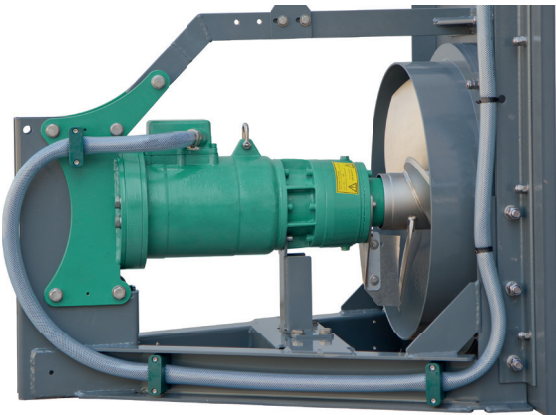




Submersible motor OPTIMIX stationär



Application

For ring and slalom channels up to 2 m depth

Plate

Mounting directly onto the concrete funnel

Funnel width opt. 700 mm

Optional guide rail in ss304 at the wall window or on-site at the wall channel with guide groove

PVC-Plate 30 mm thick and 1000 / 2000 mm high
special dimensions on request

Agitator frame galvanized and coated

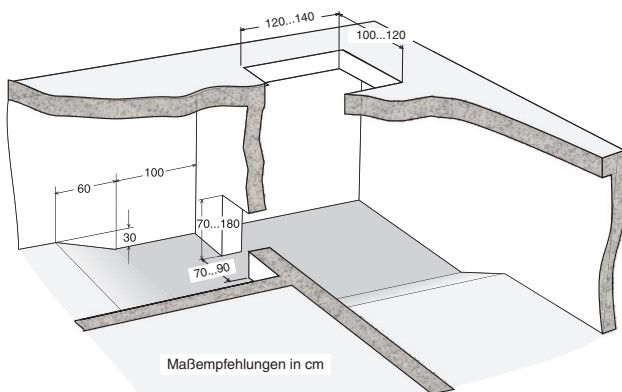
Submersible motors

Power: 9 / 13,5 / 15 kW

400 V, 50 Hz, 1430 U/min

PTC thermistors PTC 160°C (Overheat protection)

Ex-Motor (Series) II 3G Ex nA IIA T3 Gc



Propeller

Optimix 2G 9 kW / propeller HD+ 580 / 380 rpm

Optimix 2G 15 kW / propeller HD 620 / 380 rpm

Propeller galvanized, optional hardened steel or ss304

Optional ss304-version

Optimix 2A 135 - 380 completely manufactured in ss304 (13,5 kW)

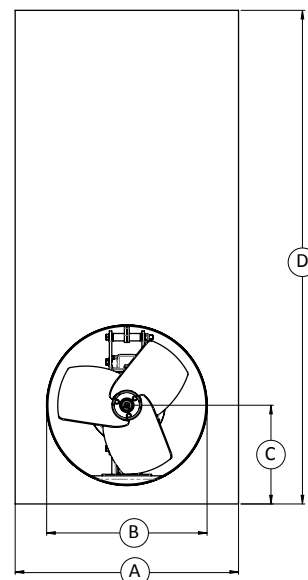
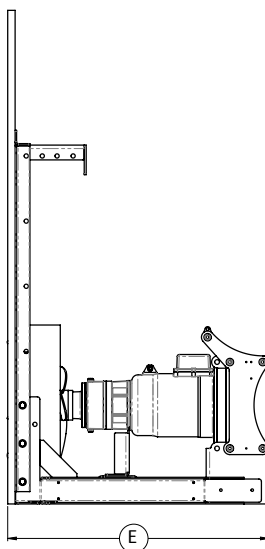
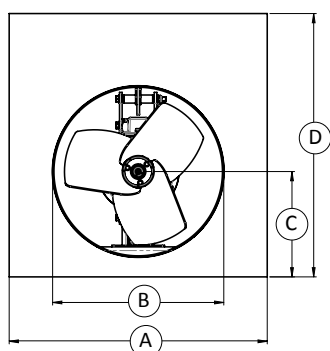
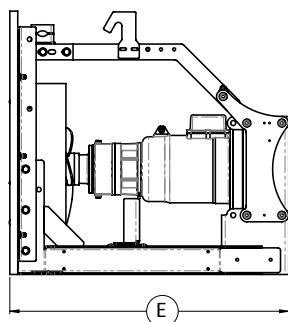
Propeller HD+ 620 in ss304

Agitator guidig frame in ss304

Cable

Compressed cable guidance, 10 m cable as standard
Cable 7 x 4 + 2 x 1,5 mm² Ø 20 mm, microbe resistant

Submersible motor OPTIMIX stationär



Dimensions

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]					
Optimix adjustable short	980	610 / 640	400	1,0	1.060					
Optimix adjustable long	980	610 / 640	400	2,0	1.060					
Optimix 2A 135-380	980	610	400	1,0 / 2,0	1.130					

Technical data

Type	Rated power [kW]	Rated Voltage [V]	Rated current [A]	Frequency [Hz]	Gear reduction ratio	Propeller speed [rpm]	Propeller diameter [mm]	Axial force [kN]	Flow velocity [m/s]*	Pumping rate water [m³/min]	Weight approximate [kg]
Optimix 2G 90-380	9	400	18.0	50	3.83	380	580	2.0	3.4	52	180
Optimix 2A 135-380	13.5	400	24.0	50	3.83	380	620	2.6	3.7	62	190
Optimix 2G 150-380	15	400	29.0	50	3.83	380	620	2.6	3.7	62	190

Subject to technical changes.

* measured in water and 1.2 m distance