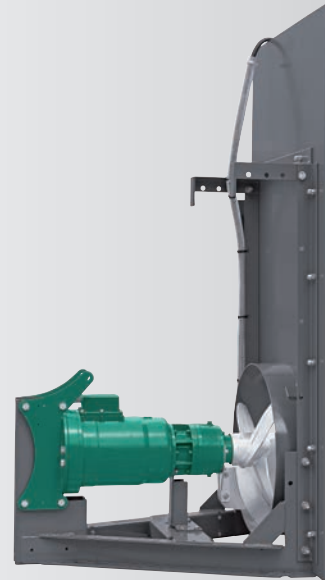
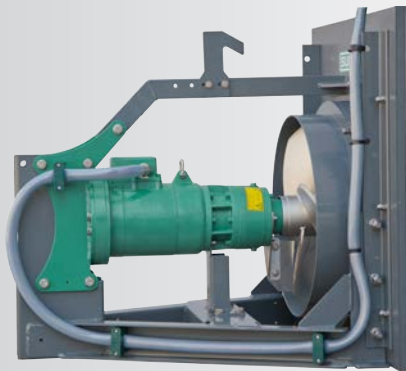
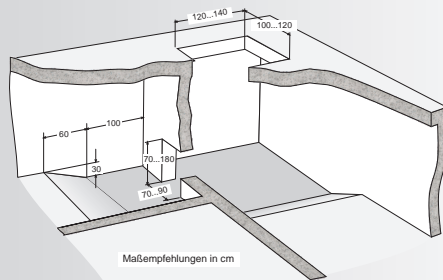


OPTIMIX STATIONARY



Application

Submersible motor for ring and slalom channels up to 2 m depth

Propeller

Optimix 2G	9.0 kW	propeller HD+ 580	380 rpm
Optimix 2A	13,5 kW	propeller HD+ 620	380 rpm
Optimix 2G	15.0 kW	propeller HD+ 620	380 rpm

Galvanized, hardened steel or ss304

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

Optional ss304-version

Optimix 2A 135 - 380 completely manufactured in ss304 (13,5 kW)
 Propeller HD+ 620 in ss304
 Agitator guidig frame in ss304

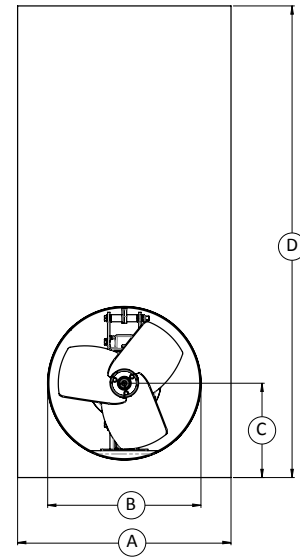
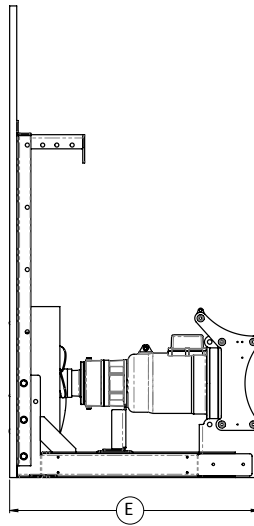
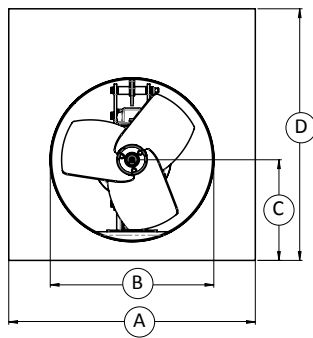
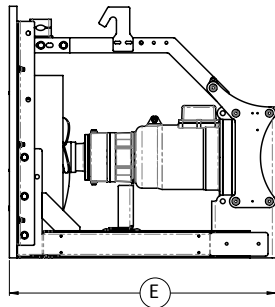
Submersible motors

Power: 9 / 13.5 / 15 kW
 400 V, 50 Hz, 1,430 U/min
 PTC thermistors PTC 130°C as overheat protection
Accessory: POM protection to minimize abrasion

Cable

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

OPTIMIX STATIONARY



Dimensions / Weight

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Weight approx. [kg]			
Optimix adjustable short	980	610 / 640	400	1.000	1,060	180			
Optimix adjustable long	980	610 / 640	400	2.000	1,060	190			
Optimix 2A 135-380	980	640	400	1.000 / 2.000	1,130	190			

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 [m ³ /min]	Pumping rate water [m ³ /h]
Optimix 2G 90-380	9	400	17.7	50	3.83	380	580	2.0	3.4	51	3.080
Optimix 2A 135-380	13.5	400	24.0	50	3.83	380	620	2.6	3.7	64	3.850
Optimix 2G 150-380	15	400	29.1	50	3.83	380	620	2.6	3.7	64	3.850

Subject to technical changes

* measured in water and 1.2 m distance