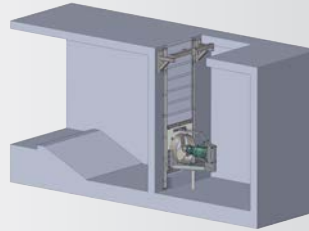




## OPTIMIX ADJUSTABLE



### Application

Submersible motor for ring and slalom channels up to 4 m depth

### Agitation tunnel

Attachment directly on the concrete funnel  
 Funnel channel has a optimum width of 700 - 750 mm  
 Guiding rails and crossmember in ss304 onto on-site wall window or brickwork chase with guide slot Microbe resistant and fabric-reinforced foil  
 PVC-Plate 30 mm thick  
 Hoisting device for agitators via ss316-stainless steel-wire rope  
 Agitator frame galvanized and coated

### Rope winch

Galvanized cable winch with ss316-stainless steel-wire rope  
 Tensile load up to 1,200 kg

### Submersible motors

Motor powers: 9.0 / 13.5 / 15.0 kW  
 Connection cable 10 m or 14 m  
 Optional: Star-delta switch or SUMA soft starter  
Accessory: POM protection to minimize abrasion

### 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+ 660	380 rpm

Galvanized, hardened steel, ss304 or hardened ss304

### Optional ss304-version

Optimix 2A 135 - 380 completely in ss304 (13.5 kW)  
 Propeller HD+ 620 in ss304, optional hardened ss304  
 Agitator guiding frame in ss304

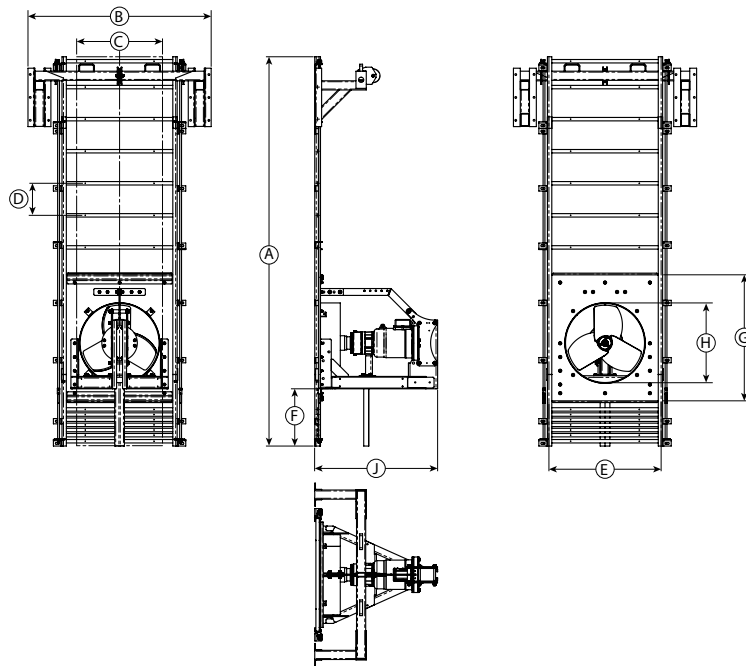
### Cable

Pressed on cable gland  
 Cable 7 x 4 + 4 x 1.5 mm<sup>2</sup>, Ø 20 mm,  
 Resistant against biomass  
 Cable strain relief 800 N integrated

### Delivery scope

Agitation tunnel  
 Submersible motor stationary  
 Cable winch

## OPTIMIX ADJUSTABLE



### Dimensions

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [Ø mm]	J [mm]
Optimix adjustable	3,400	1,600	700-750	300	980	500	1.100	690	1,073

### Technical data

Type	Rated Power [kW]	Rated Voltage [V]	Full load current [A]	Frequency [Hz]	Power factor cos φ	Gear reduction ratio	Propeller diameter [mm]	Axial force [kN]	Flow velocity [m/s] *	Pumping rate [m³/min]	Pumping rate [m³/h]	Weight approx. [kg]
Optimix 2G 90-380	9.0	400	17.7	50	3.83	375	580	2.0	3.4	51	3.080	180
Optimix 2A 135-380	13.5	400	24.0	50	3.83	380	620	2.4	3.8	64	3.850	190
Optimix 2G 150-380	15.0	400	29.1	50	3.83	383	660	3.1	4.1	81	4.860	190

Subject to technical changes

\* measured in water and 1.2 m distance