

DIGISIDE®

●●●● LONG SHAFT SWIVEL
SIDE-ENTEY AGITATOR



- Configure the modularization spur gear drive, helical gear, low noise level
- Own oil chamber, gear oil SAE 85W-140 / API GL-5
- Oil change interval per 2000 operation hours

TS≤14%
TEMP≤70°C
PH VALUE 6.5-8.2

Applications: Waste treatment

► Technical data

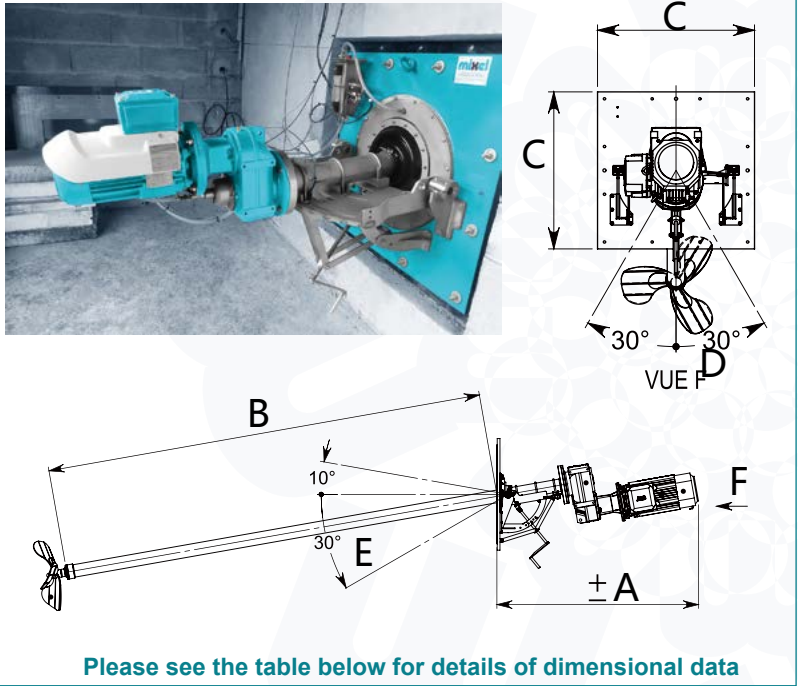
- Mixing shaft length 3.0 / 4.0 / 5.0m
Shaft diameter 101.6 / 114.3 / 141.6 / 168.3mm
Stainless steel 304 or 316
- Flange 98x98/120x120/143x143cm
Stainless steel 304 or 316
- Sealing plate of EPDM
- Installation up to 8m beneath substrate level, deeper immersion depths on request
- Oil equalizing container for monitoring the tightness

► Motor

- 4 / 11 / 15 / 18.5 / 22kW: 4-grades (Multiple energy efficiency, etc. Optional) 380V, 50Hz, special voltages on request
- 3 PTC thermistors (overheat protection) Ex-Motor DIIBT4
- Special design 13.5kW: DIICT4
- Optional rain cap (ss304)

► Bearing

- 2 tapered roller bearings to absorb the axial forces
Mechanical seal SiC/SiC
Independent of rotation direction
- Interim bearings for the drive shaft (slide bearings)



Please see the table below for details of dimensional data

Dimensional data sheet

Type	Ø [mm]	A [mm]	Bmax [mm]	C [mm]	D [°]	E [°]	Weight [Kg]
DIGISIDE 480	480	1350	4000	900	± 30°	*+10°/-30°	500
DIGISIDE 560	560	1850	4000	1020	± 30°	*+10°/-30°	850
DIGISIDE 600	600	1850	4000	1020	± 30°	*+10°/-30°	900
DIGISIDE 680	680	1850	4500	1020	± 30°	*+10°/-30°	950
DIGISIDE 710	710	1850	4500	1020	± 30°	*+10°/-30°	1050

Technical data sheet

Type	Rated Power [kW]	Propeller speed [rpm]	Rated Voltage [V]	Rated Current [A]	Frequency [Hz]	Power factor cos φ	Speed ratio	Propeller diameter Ø [mm]	Axial force [N]	Flow velocity [m/s]	Pumping flow [m³/h]	Circulating flow [m³/h]
DIGISIDE 480	4.0	250	380	6.9	50	0.76	6.00	480	1136	2.92	2063	3095
DIGISIDE 560	11.0	210	380	19	50	0.8	7.14	560	1486	3.83	3393	5090
DIGISIDE 600	15.0	210	380	27	50	0.87	7.14	600	1960	3.55	3620	5430
DIGISIDE 680	18.5	240	380	33.3	50	0.85	6.25	680	3163	4.3	3900	5850
DIGISIDE 710	22.0	240	380	39.6	50	0.84	6.25	710	3007	4.5	4150	6225