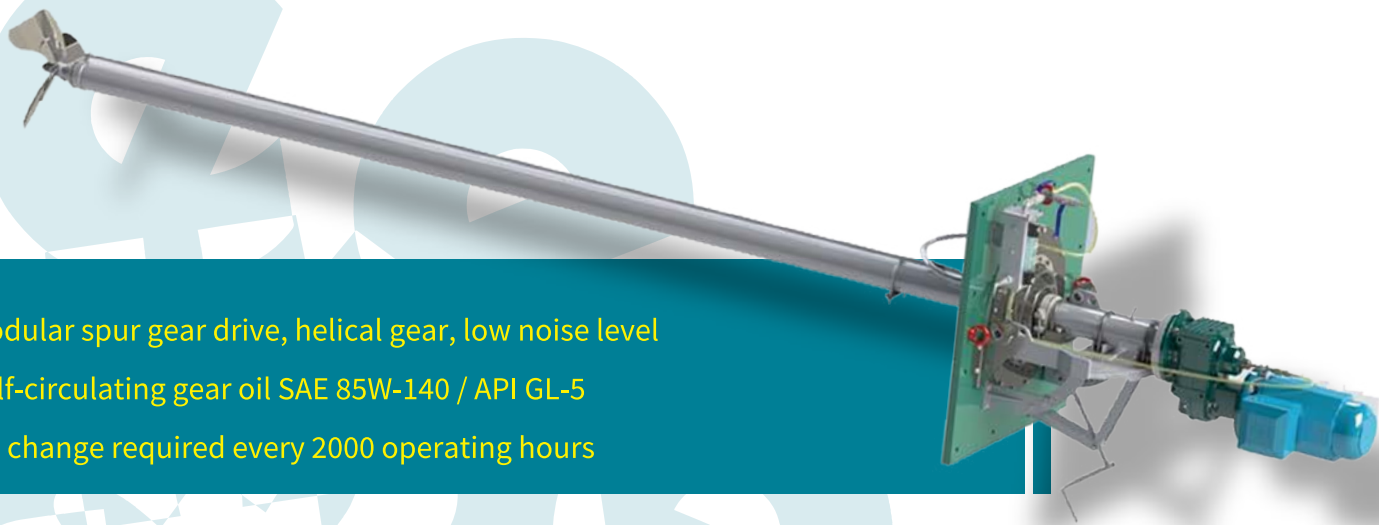


DIGISIDE®

●●●● LONG SHAFT SWIVEL
SIDE-ENTRY AGITATOR



- Modular spur gear drive, helical gear, low noise level
- Self-circulating gear oil SAE 85W-140 / API GL-5
- Oil change required every 2000 operating hours

Applications: solid waste treatment

TS≤14%
TEMP≤70 °C
PH VALUE 6.5-8.2

► Technical data

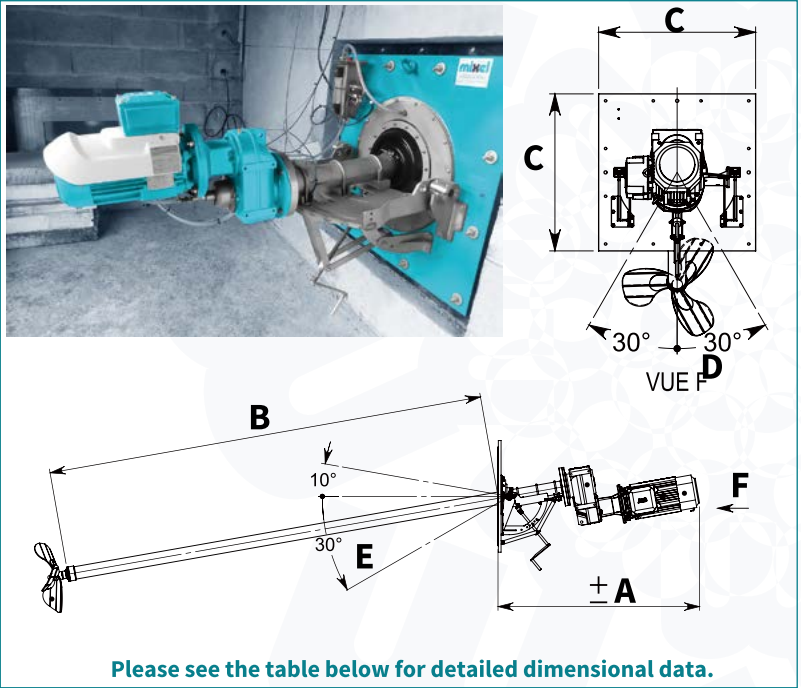
- Shaft length 3.0 / 4.0 / 5.0m
Shaft diameter 101.6 / 114.3 / 141.6 / 168.3mm
Stainless steel 304 or 316
- Mounting base 98x98/120x120/143x143cm
Stainless steel 304 or 316
- EPDM sealing gasket
- Installation up to 8 m below liquid level. Deeper on request.
- Oil cup for visual oil-level monitoring.

► Motor

- Power: 4, 11, 15, 18.5, 22kW, 4-pole, various efficiencies, 380V/50Hz. Other ratings on request.
- Three thermistors at 160°C (for overheat protection), explosion-proof motor with DII BT4.
- Special design 13.5kW: D II CT4
- Optional : rain cap (ss304)

► Bearing

- Two special bearings are provided to withstand axial forces.
Mechanical seal SiC/SiC
Capable of transmitting power in any direction.
- Bearing at the middle of the shaft (plain bearing)



Please see the table below for detailed dimensional data.

Dimension 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	Installed Power [kW]	Rotational speed [rpm]	Operating Voltage [V]	Operating Current [A]	Frequency [Hz]	Power factor cos φ	Speed ratio	Impeller diameter Ø [mm]	Axial force [N]	Axial flow velocity [m/s]	Pumping flow [m³/h]	Circulation 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