

Submersible Agitators SE



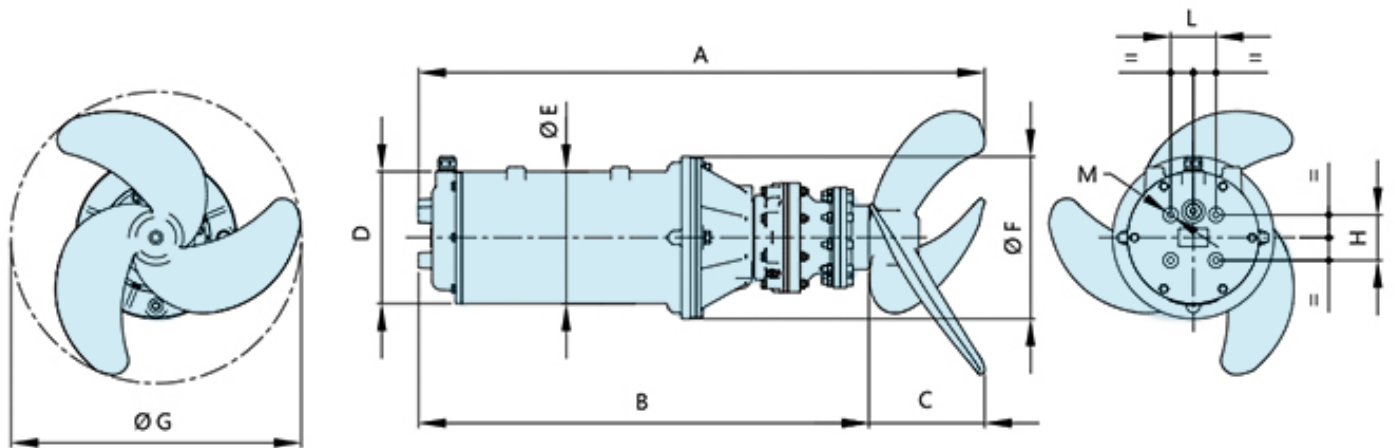
HIGHLY EFFICIENT, RELIABLE AND EASY TO INSTALL

CHIOR® SE Submersible Agitators find their main application in mixing livestock effluents in open tanks as well as in anaerobic digesters. The particular shape of the stainless steel propeller guarantees high mixing efficiency even with effluents with a high solids content.

Provided with an adjustable stainless steel bracket, CHIOR® SE Submersible Agitators allow quick installation on a vertical pipe.

CHIOR® SE Submersible Agitators can be supplied with three different rotation speeds depending on the installed gear reducer.

Overall Dimensions



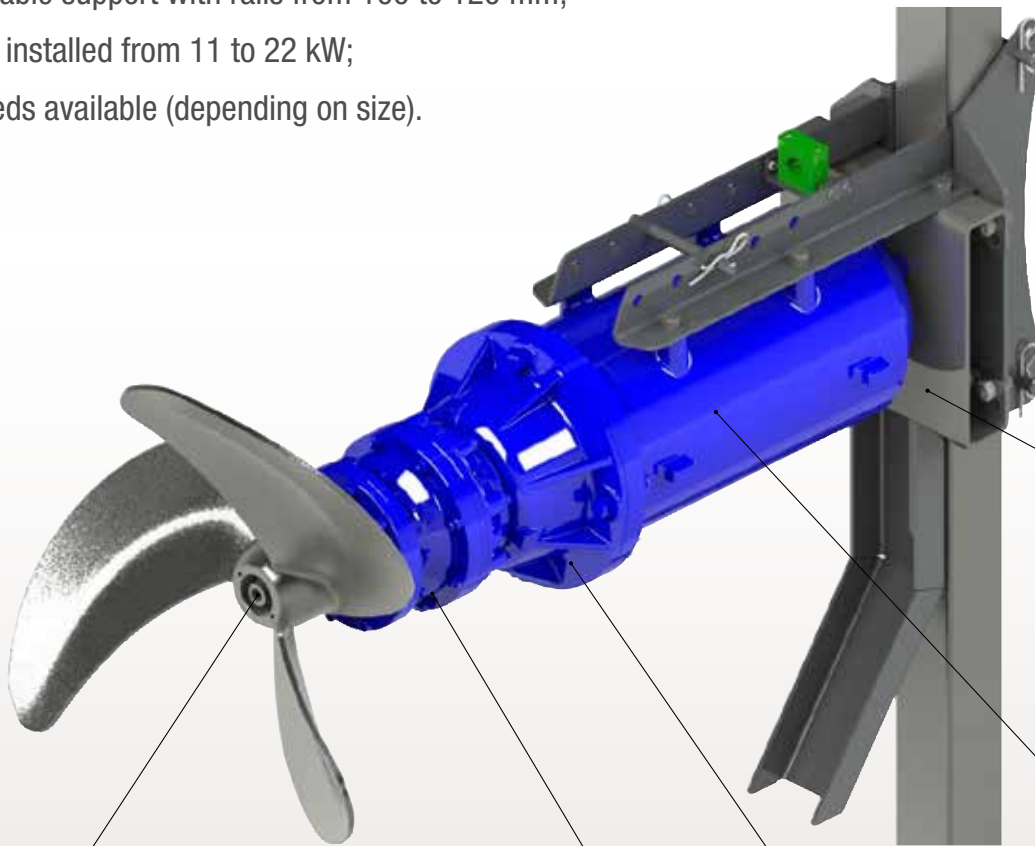
| MODEL | RPM | Dimensions (mm) | | | | | | | | | | Weight kg |
|-----------|-----|-----------------|-----|-----|-----|-----|-----|------|-----|-----|--------------|-----------|
| | | A | B | C | ØD | ØE | ØF | ØG | H | L | M | |
| SE 110 LE | 140 | 1397 | 995 | 402 | 290 | 290 | 356 | 1000 | 100 | 100 | 4 x 14 holes | 260 |
| SE 110 ST | 280 | 1284 | 995 | 289 | 290 | 290 | 356 | 600 | 100 | 100 | 4 x 14 holes | 230 |
| SE 150 ST | 280 | 1296 | 995 | 301 | 290 | 290 | 356 | 670 | 100 | 100 | 4 x 14 holes | 245 |
| SE 185 ST | 280 | 1316 | 995 | 321 | 290 | 290 | 356 | 710 | 100 | 100 | 4 x 14 holes | 265 |
| SE 220 ST | 280 | 1397 | 995 | 402 | 290 | 290 | 356 | 780 | 100 | 100 | 4 x 14 holes | 290 |
| SE 110 VE | 350 | 1204 | 995 | 209 | 290 | 290 | 356 | 510 | 100 | 100 | 4 x 14 holes | 220 |
| SE 150 VE | 350 | 1228 | 995 | 233 | 290 | 290 | 356 | 560 | 100 | 100 | 4 x 14 holes | 232 |
| SE 185 VE | 350 | 1260 | 995 | 265 | 290 | 290 | 356 | 660 | 100 | 100 | 4 x 14 holes | 246 |
| SE 220 VE | 350 | 1284 | 995 | 289 | 290 | 290 | 356 | 700 | 100 | 100 | 4 x 14 holes | 260 |

Benefits

- ✓ **Special shape of highly efficient engineered propeller**
- ✓ **Wide range and different rotation speeds available**
- ✓ **Adjustable support system**
- ✓ **Easy maintenance**
- ✓ **Low power consumption**

Technical Features

- Cast iron body
- Adjustable support with rails from 100 to 120 mm;
- Power installed from 11 to 22 kW;
- 3 speeds available (depending on size).



Adjustable support for different pipe diameters and brackets suitable for all cable types



Engineered stainless steel 3-flight propeller for high efficiency agitation



Double sealing system made up of two lip seals in cemented carbide



Planetary gear reducer for reduced energy consumption



Thermal probe to prevent overheating of the electric motor

Accessories

- Cable sheaths
- Support bracket (included)
- Limit switch foot (included)

Application



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