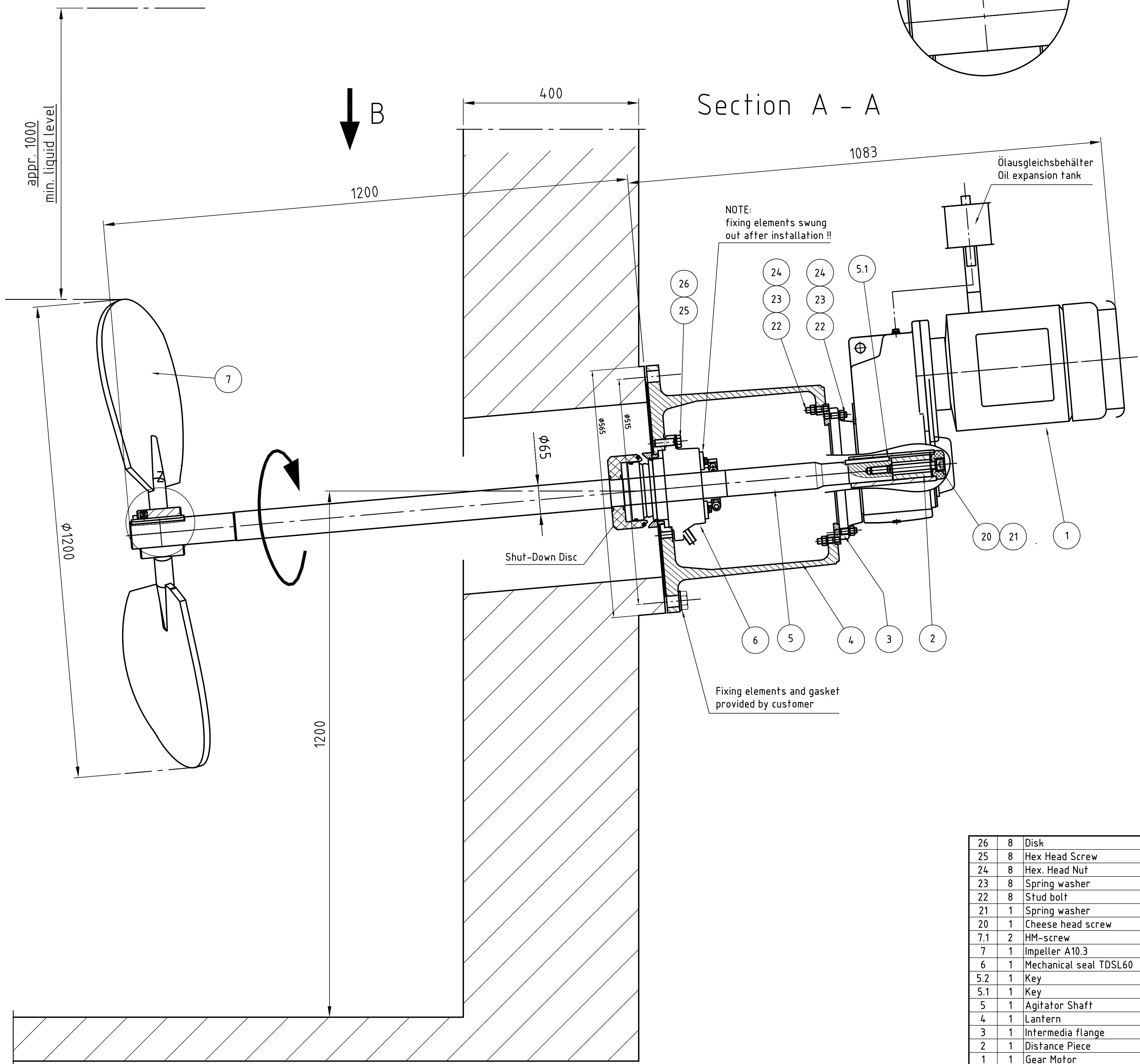
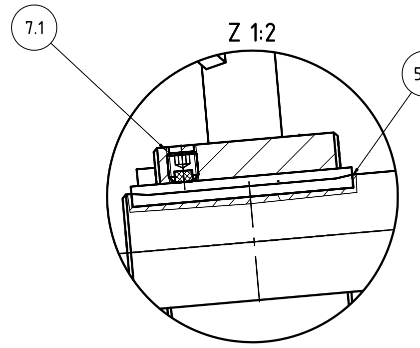
Note: The agitator is not designed for operating during filling and emptying of the tank.
Minimum liquid level ---> see drawing.

## Section A - A



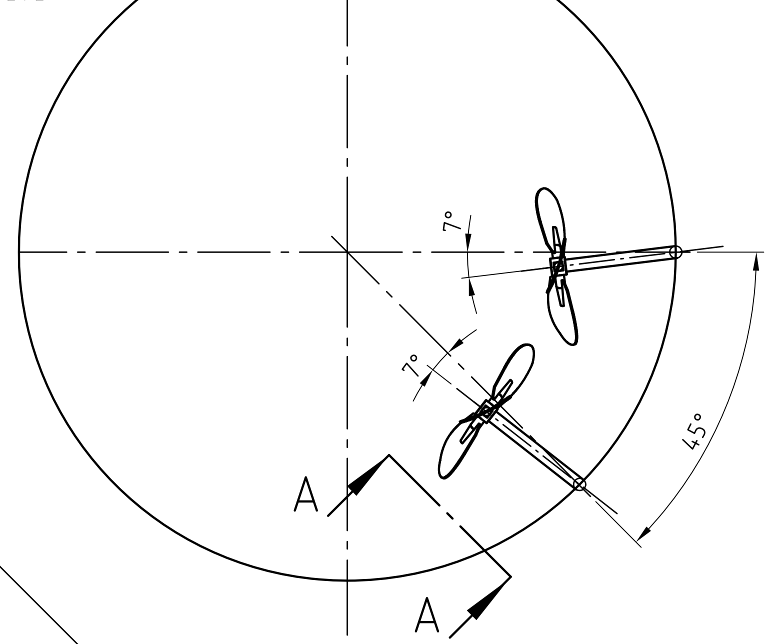

## Impeller attachment

Z 1:2

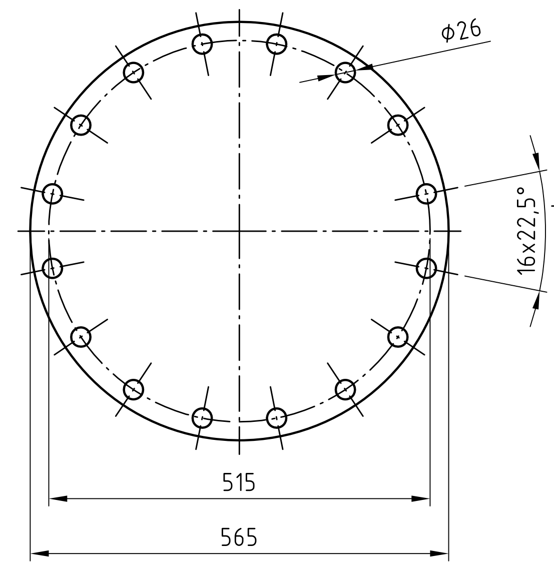



## View B

not in scale




## Mounting flange DN400 PN10 DIN2501




| MOTOR, Motor / GETRIEBE, Gear-box | | | ABDICHTUNG, Shaft Seal | | |
|---|---|---|---|---|---|
| Leistung, power | [kW] | 7,5 | Zeichnung-Nr., drawing-no. | | |
| Drehzahl, speed | [min⁻¹] | 115 | Dichtungsart, type of seal | | TDSL-60 |
| Spannung, voltage | [V] | 400/690 | max. zul. Betriebsdruck, max. allow. operating pressure | [bar] | stat. press. |
| Frequenz, frequency | [Hz] | 50 | max. zul. Betriebstemp, max. allow. operating temperat. | [°C] | 50 |
| Schutzart, protection | | IP55 | Kühlwassermenge (20°C), cooling water quantity | [h/l] | |
| Zündgruppe, explosion proof | | ISO F | | | |
| Bauform, frame | | M1-5°-M4 | | | |
| Isolation, insulation | | F | | | |

| WERKSTOFF, Material of In-Tank Mixer Parts | | RÜHRERGEWICHT, Mixer Weight | | |
|---|---|---|---|---|
| Rührorgan, Impeller | 1.4571 | Gesamtgewicht, total weight | [kg] | app. 340 |
| Rührerwelle, Mixer shaft | 1.4462 | | | |
| Montageflansch (plattiert), mounting flange (cladded) | GG25 / 1.4571 | | | |

| RÜHRORGAN, Impeller | | | DYNAMISCHE FLANSCHBELASTUNG, dynamic loads | | |
|---|---|---|---|---|---|
| Zeichnung-Nr., drawing-no. | | | Drehmoment, torque | [Nm] | 622 |
| Typ, model | | A10.3 | Biegemoment, bending moment ± 25% | [Nm] | 1562 |
| Anzahl, quantity | | 1 | Axialbelastung ohne Rührwerksgewicht / axial thrust without agitator weight | [N] | 1881 |
| Mindesttanköffnung, min. tank opening required is | [mm] | 900 | | | |

| Objekt | Menge | Beschreibung | Norm | Material |
|---|---|---|---|---|
| 26 | 8 | Disk | DIN125 - 017 | A4 |
| 25 | 8 | Hex Head Screw | DIN 933 - M16 x 50 | 8.8/verz. |
| 24 | 8 | Hex. Head Nut | DIN934 - M12 | A4 |
| 23 | 8 | Spring washer | DIN 128 - A12 | A4 |
| 22 | 8 | Stud bolt | DIN 939 - M12 x 40 | A4 |
| 21 | 1 | Spring washer | DIN7980 - B16 | A4 |
| 20 | 1 | Cheese head screw | DIN912 - M16x150 | A4 |
| 7.1 | 2 | HM-screw | M16x20 | A4 |
| 7 | 1 | Impeller A10.3 | 7-43283 | 1.4571 |
| 6 | 1 | Mechanical seal TDSL60 | 5-22306 | SiC-SiC/Viton |
| 5.2 | 1 | Key | DIN6885 - A18x11x120 | 1.4571 |
| 5.1 | 1 | Key | DIN6885 - A14x9x100 | C45K |
| 5 | 1 | Agitator Shaft | 6-43339 | 1.4462 |
| 4 | 1 | Lantern | 3-27731 | GG25 |
| 3 | 1 | Intermedia flange | 3-27732 | 1.4301 |
| 2 | 1 | Distance Piece | 3-27730 | 1.4301 |
| 1 | 1 | Gear Motor | SK4282AFBH-132MP4 | Getriebebau NORD |

TSCHAMBER
MUT MISCH- UND TRENNTECHNIK

| | |
|---|---|
| Allgemeintoleranz | ISO 2768-mK |
| Oberfläche Ra nach DIN ISO 1302 Reihe 1 | - |
| Maßstab | 1:5 |
| Position | - |
| Menge | - |
| Bearb. | 17.04.15 ad |
| Gepr. | |
| Norm | |
| EN-Nr. | 20150205542 |
| ZNr. | 9-43865 |
| Index | |
| Format | A1 |

**MUT-Side Entry Agitator**
SR3D7F-7,5

Zust. | Änderungen | Datum | Name | Dateiname | Ersatz für: - | Ersetzt durch: -