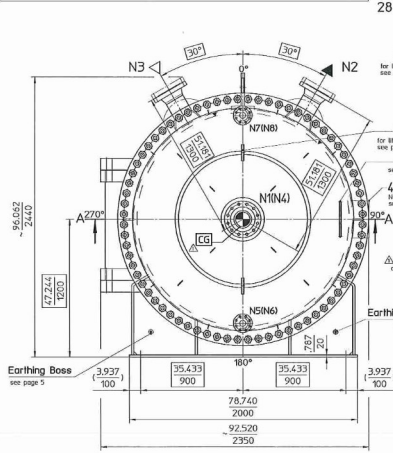
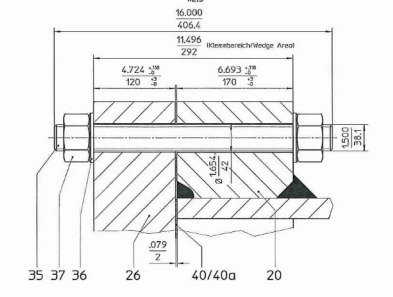


**ACHTUNG/ATTENTION:**  
Blindflansche N1 - N4 für Transport.  
(SWT wird mit Stickstofffüllung geliefert (min.0,35bar).)  
Blind flanges N1 - N4 for transport.  
(SHE will be delivered with Nitrogen filling (min.0.35bar)).

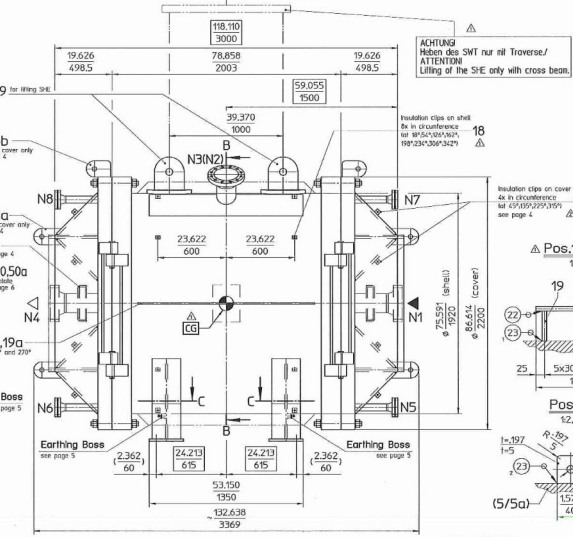


Flanschverbindung/Flange Connection

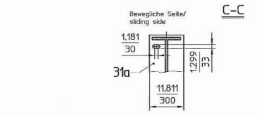


**erf. Anzugsmoment/required tightening torque**

| Gewindegröße/<br>Thread size | SA-320 L7H Studs with SA-614 7H Heavy Hex Nuts | lockwkey<br>nutten oder Muttern | geschliffen/flat<br>nutten oder Muttern | Schmierstoff/<br>Lubricant |
|------------------------------|--|---------------------------------|---|----------------------------|
| 5/8"                         | 85   | 65                              |   | Jahrel. >3%                |
| 1 1/2"                       | 940  | 720                             |   | 8152                       |



**ACHTUNG**  
Heben das SHT nur mit Traversen/  
**ATTENTION**  
Lifting of the SHE only with cross beam.



**Stutzenkräfte/Nozzle Loads/  
Forces supplémentaires sur tubulures**

| Nozzle Number | Nozzle Size | Type of Loading | Force (lb) |      |      | Moment (ft-lb) |      |      |
|---------------|-------------|-----------------|------------|------|------|----------------|------|------|
|               |             |                 | Fx         | Fy   | Fz   | Mx             | My   | Mz   |
| N1            | 6"          | Max. Operating  | 3000       | 3000 | 3000 | 970            | 970  | 970  |
| N2            | 6"          | Max. Operating  | 3000       | 3000 | 3000 | 1500           | 1500 | 1500 |
| N3            | 6"          | Max. Operating  | 3000       | 3000 | 3000 | 1500           | 1500 | 1500 |
| N4            | 6"          | Max. Operating  | 3000       | 3000 | 3000 | 970            | 970  | 970  |
| N5            | 6"          | Max. Operating  | 3000       | 3000 | 3000 | 970            | 970  | 970  |
| N6            | 6"          | Max. Operating  | 3000       | 3000 | 3000 | 970            | 970  | 970  |

**Fertigungshinweis!**  
Alle Innenecken getrieben <0.5x45°  
**Production instruction!**  
All inside edges shall be chamfered <0.5x45°

**Nondestructive Examination:** see ITP  
Wandabdruck PWHT: n/a  
Abmessungen: inch/mm  
Messzeugin: inch/mm

Total unit weight (dry): ~31800kg/70610lb.  
Total unit weight (flooded): ~35600kg/78661lb. (H2O)  
Weight of each cover: ~ 3750kg/8260lb.

**Stutzenabteile / Nozzle list**

| Rev. | Item | DN   | Flange | Material | Round      | Tube              | Renennung         |
|------|------|------|--------|----------|------------|-------------------|-------------------|
| N1   | 6"   | 300a | WNRF   | II       | Ø2 Sch. 60 | Flanschenherb. HT | Flanschenherb. HT |
| N2   | 6"   | 300a | WNRF   | II       | Ø2 Sch. 60 | Ausleitventil HT  | Ausleitventil HT  |
| N3   | 6"   | 300a | WNRF   | II       | Ø2 Sch. 60 | Flanschenherb. HT | Flanschenherb. HT |
| N4   | 6"   | 300a | WNRF   | II       | Ø2 Sch. 60 | Flanschenherb. HT | Flanschenherb. HT |
| N5   | 6"   | 300a | WNRF   | II       | Ø2 Sch. 60 | Flanschenherb. HT | Flanschenherb. HT |
| N6   | 6"   | 300a | WNRF   | II       | Ø2 Sch. 60 | Flanschenherb. HT | Flanschenherb. HT |
| N7   | 6"   | 300a | WNRF   | II       | Ø2 Sch. 60 | Flanschenherb. HT | Flanschenherb. HT |
| N8   | 6"   | 300a | WNRF   | II       | Ø2 Sch. 60 | Flanschenherb. HT | Flanschenherb. HT |

**Werkstoffe / Materials**

| Material                    | Produktbezeichnung | nicht prodier. |
|-----------------------------|--------------------|----------------|
| Flanschenherb.              | SA-516 Grade 70N   | n. p. conf.    |
| Spirale/Spiral              | SA-516 Grade 60N   |                |
| Bozener/Boze                | 10088 L-SA-361     |                |
| Aggregat/Aggregat fl.       | SA-350 LF2 class 1 |                |
| Deckel/Cover                | SA-516 Grade 70N   |                |
| Blindflansche/Blind Flanges | SA-350 LF2 class 1 |                |
| Schrauben/Bolts             | A4                 |                |
| Muttern/Nuts                | SA-BK 7H           |                |

**Dichtungen/Gaskets**

| Material                       | cover              | Kompatible gasket with internal Ringed C4430 |
|--------------------------------|--------------------|--|
| Stutzenflansche/Nozzle Flanges | SA-350 LF2 class 1 |  |
| Stutzenflansche/Nozzle Flanges | SA-333 Grade 6     |  |

**Deckel/Cover**

| Material                    | cover              | Kompatible gasket with internal Ringed C4430 |
|-----------------------------|--------------------|--|
| Aggregat/Aggregat fl.       | SA-350 LF2 class 1 |  |
| Deckel/Cover                | SA-516 Grade 70N   |  |
| Blindflansche/Blind Flanges | SA-350 LF2 class 1 |  |
| Schrauben/Bolts             | A4                 |  |
| Muttern/Nuts                | SA-BK 7H           |  |

**Aggregat/Aggregat fl.**

| Material                       | cover              | Kompatible gasket with internal Ringed C4430 |
|--------------------------------|--------------------|--|
| Stutzenflansche/Nozzle Flanges | SA-350 LF2 class 1 |  |
| Stutzenflansche/Nozzle Flanges | SA-333 Grade 6     |  |

**Aggregat/Aggregat fl.**

| Material                       | cover              | Kompatible gasket with internal Ringed C4430 |
|--------------------------------|--------------------|--|
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| Stutzenflansche/Nozzle Flanges | SA-333 Grade 6     |  |

**Aggregat/Aggregat fl.**

| Material                       | cover              | Kompatible gasket with internal Ringed C4430 |
|--------------------------------|--------------------|--|
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| Material                       | cover              | Kompatible gasket with internal Ringed C4430 |
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