
Drawings remain our exclusive property. They are entrusted only for the agreed purpose. Copies or any other reproduction, including storage, treatment and dissemination by use of electronic systems must not be made for any other than the agreed purpose. Neither originals nor reproductions may be given to or made available to third parties.

This drawing also contains work to be done on site. The regulations of EN 1012 and national regulations for setting up of power installations like VDE 0100 have to be observed; the requirements of existing operational safety ordinance and the manuals have to be considered by the operator and the employer respectively at the place of installation. The national safety and accident prevention regulations have to be observed. The installation of a sub-assembly in terms of the pressure equipment directive 2014/68/EU has to be carried out according to this directive.

Design limits for ambient temperature
min. + 3° C
max. + 40° C

We reserve the right to make changes in the course of development. This drawing can only be modified with CAD.

Technical data see page 2
Condensate lines have to be connected to a collecting line via swan neck or are to be fed to the condensate treatment system separately. A pressure-less drain has to be provided for.

Legend
1. Screw compressor
2. Hose line
3. Ball valve
4. Refrigeration dryer
5. Filter Extra with electronic condensate drain
6. Filter Adsorption
7. Air receiver, vertical
8. Air main charging system (DHS insured air supply)
9. Hose coupling (Service DHS)
10. Condensate treatment system

ATTENTION!
Minimum width of door is total component width + 100 mm

KAESER
KOMPRESSOREN

DIN A3

Sample layout sketch // 40° C

ASD with exhaust air fan

Shown ASD 60, TE 102, F 83 KE, F 83 KAI

Plan No. LYMU0004800e

Page 1 of 2

We reserve the right to make changes in the course of development. This drawing can only be modified with CAD.

Sample layout sketch // 40° C

ATTENTION!
Minimum width of door is total component width + 100 mm

Condensate lines have to be connected to a collecting line via swan neck or are to be fed to the condensate treatment system separately. A pressure-less drain has to be provided for.

Air receiver represents minimum recommended size

This drawing also contains work to be done on site. The regulations of EN 1012 and national regulations for setting up of power installations like VDE 0100 have to be observed, the requirements of existing operational safety ordinance and the manuals have to be considered by the operator and the employer respectively at the place of installation.

The national safety and accident prevention regulations have to be observed. The installation of a sub-assembly in terms of the pressure equipment directive 2014/68/EU has to be carried out according to this directive.

Design limits for ambient temperature
min. + 3° C
max. + 40° C

AL Climatic zone 2
ATTENTION
Minimum width of door is total component width + 100 mm

Technical data see page 2 of 2

This drawing also contains work to be done on site. The regulations of EN 1012 and national regulations for setting up of power installations like VDE 0100 have to be observed, the requirements of existing operational safety ordinance and the manuals have to be considered by the operator and the employer respectively at the place of installation.
The installation of a sub-assembly in terms of the pressure equipment directive 2014/68/EU has to be carried out according to this directive.

**Legend**
1. Screw compressor
2. Hose line
3. Ball valve
4. Condensate line
5. Refrigeration dryer
6. Filter Extra with electronic condensate drain
7. Filter Adsorption
8. Air receiver, vertical
9. Air main charging system DHS (ensured air supply)
10. Hose coupling (Service DHS)
11. Condensate treatment system Sigma Air Manager SAM
12. Air receiver, horizontal
13. Oil
14. Water

**Technical Data**

- Ambient temperature min.: +3° C
- Ambient temperature max.: +40° C

**Design Limit**

- Temperature range: +3° C to +40° C

**Plan No.**

- LYMU0007401e

**Drawing Information**

- Date: 02/01/2017
- Name: Nahbusch

**Page**

- 1 of 2

---

We reserve the right to make changes in the course of development. This drawing can only be modified with CAD.
Drawings remain our exclusive property. They are entrusted only for the agreed purpose. Copies or any other reproduction, including storage, treatment and dissemination by use of electronic systems must not be made for any other than the agreed purpose. Neither originals nor reproductions may be given to or made available to third parties.

---

**Sample layout sketch** // 40° C

**Template Rev. 02.03.2011**

**X**

**1:50**

**02/01/2017**

**Nahhas1**

**Hobusch**

**LYMU0007401e**

**2x ASD with exhaust air duct**

**Shown 2x ASD 60, 2x TE 102, 2x F 83 KE, KA**

---

**ATTENTION**

Minimum width of door is total component width + 100 mm

---

**Design limits for ambient temperature**

- min.: + 3° C
- max.: + 40° C

---

The installation of a sub-assembly in terms of the pressure equipment directive 2014/68/EU has to be carried out according to this directive.

---

**Air receiver represents minimum recommended size**

---

This drawing also contains work to be done on site. The regulations of EN 1012 and national regulations for setting up of power installations like VDE 0100 have to be observed; the requirements of existing operational safety ordinance and the manuals have to be considered by the operator and the employer respectively at the place of installation. The national safety and accident prevention regulations have to be observed.

---

**Compressor model**

**Working pressure**

**Compressed air connection**

**Air entrance aperture free cross section per unit**

**Incoming air volume per unit**

**Air exhaust duct dimensions (free cross section) per unit**

**Permissible overall pressure loss for exhaust duct per unit**

**Compressed air collective line (two units)**

**Water trap ECO-DRAIN a)**

**Refrigeration dryer model**

**Compressed air connection**

**Air entrance aperture (free cross section) per unit**

**Incoming air volume per unit**

**Exhaust air fan (thermostatically controlled) per dryer**

**Filter Extra**

**Compressed air connection**

**ECO-DRAIN a)**

**Filter Adsorption**

**Compressed air connection**

**Air receiver**

**Compressed air connection**

**Control**

**Air main charging system**

**Compressed air connection**

**Condensate treatment unit AQUAMAT a)**

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Working Pressure</th>
<th>Compressed Air Connection</th>
<th>Air Entrance Aperture Free Cross Section</th>
<th>Incoming Air Volume Per Unit</th>
<th>Air Exhaust Duct Dimensions (Free Cross Section) Per Unit</th>
<th>Permissible Overall Pressure Loss for Exhaust Duct Per Unit</th>
<th>Compressed Air Collective Line (Two Units)</th>
<th>Water Trap ECO-DRAIN a</th>
<th>Refrigeration Dryer Model</th>
<th>Compressed Air Connection</th>
<th>Air Entrance Aperture (Free Cross Section) Per Unit</th>
<th>Incoming Air Volume Per Unit</th>
<th>Exhaust Air Fan (Thermostatically Controlled) Per Dryer</th>
<th>Filter Extra</th>
<th>Compressed Air Connection</th>
<th>ECO-DRAIN a</th>
<th>Filter Adsorption</th>
<th>Compressed Air Connection</th>
<th>Air Receiver</th>
<th>Compressed Air Connection</th>
<th>Control</th>
<th>Air Main Charging System</th>
<th>Compressed Air Connection</th>
<th>Condensate Treatment Unit AQUAMAT a</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASD 35</td>
<td>8.5</td>
<td>G 1 1/4</td>
<td>0.8</td>
<td>3990</td>
<td>0.36</td>
<td>60</td>
<td>31 TC 44</td>
<td>G 1 1/4</td>
<td>0.2</td>
<td>2380</td>
<td>F 46 KE</td>
<td>G 1 1/2</td>
<td>31 F</td>
<td>F 46 KA</td>
<td>G 1 1/2</td>
<td>1000</td>
<td>2 × G 1 ½; 2 × G 2</td>
<td>SAM-4.0</td>
<td>DMS 50 G</td>
<td>G 2</td>
<td>CF 19</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASD 40</td>
<td>8.5</td>
<td>G 1 1/4</td>
<td>0.6</td>
<td>4030</td>
<td>0.36</td>
<td>60</td>
<td>31 TD 81</td>
<td>G 1 1/2</td>
<td>0.3</td>
<td>3480</td>
<td>F 46 KE</td>
<td>G 1 1/2</td>
<td>31 F</td>
<td>F 46 KA</td>
<td>G 1 1/2</td>
<td>2000</td>
<td>G 2%</td>
<td>SAM-4.0</td>
<td>DMS 50 G</td>
<td>G 2</td>
<td>CF 19</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASD 50</td>
<td>8.5</td>
<td>G 1 1/4</td>
<td>0.7</td>
<td>4770</td>
<td>0.36</td>
<td>60</td>
<td>31 TD 81</td>
<td>G 1 1/2</td>
<td>0.3</td>
<td>3480</td>
<td>F 46 KE</td>
<td>G 1 1/2</td>
<td>31 F</td>
<td>F 46 KA</td>
<td>G 1 1/2</td>
<td>2000</td>
<td>G 2%</td>
<td>SAM-4.0</td>
<td>DMS 50 G</td>
<td>G 2</td>
<td>CF 19</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASD 60</td>
<td>8.5</td>
<td>G 1 1/4</td>
<td>0.8</td>
<td>5730</td>
<td>0.36</td>
<td>40</td>
<td>31 TE 102</td>
<td>G 2</td>
<td>0.4</td>
<td>3040</td>
<td>F 83 KE</td>
<td>G 2</td>
<td>31 F</td>
<td>F 83 KA</td>
<td>G 2</td>
<td>2000</td>
<td>G 2%</td>
<td>SAM-4.0</td>
<td>DMS 50 G</td>
<td>G 2</td>
<td>CF 19</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Compressed air connection**

**Air Entrance Aperture Free Cross Section**

**Incoming Air Volume Per Unit**

**Air Exhaust Duct Dimensions (Free Cross Section) Per Unit**

**Permissible Overall Pressure Loss for Exhaust Duct Per Unit**

**Compressed Air Collective Line (Two Units)**

**Water Trap ECO-DRAIN a)**

**Refrigeration Dryer Model**

**Compressed Air Connection**

**Air Entrance Aperture (Free Cross Section) Per Unit**

**Incoming Air Volume Per Unit**

**Exhaust Air Fan (Thermostatically Controlled) Per Dryer**

**Filter Extra**

**Compressed Air Connection**

**ECO-DRAIN a)**

**Filter Adsorption**

**Compressed Air Connection**

**Air Receiver**

**Compressed Air Connection**

**Control**

**Air Main Charging System**

**Compressed Air Connection**

**Condensate Treatment Unit AQUAMAT a)**

---

**We reserve the right to make changes in the course of development. This drawing can only be modified with CAD.**