



| Transportgewicht - transport weight |             |
|-------------------------------------|-------------|
| max. gesamtes Transportgewicht:     | 54kN = 5,4t |
| max. total transport weight:        |             |
| nur Aufzupplmantel                  | 53kN = 5,3t |
| only Upsize shell                   |             |

| Angaben zum Heben - Information for lifting |                  |                   |                              |
|---------------------------------------------|------------------|-------------------|------------------------------|
| Strang                                      | max. Kettenkraft | min. Kettenlänge  | max. Anschlagwinkel $\alpha$ |
| Cable                                       | max. chain force | min. Chain length | max. angle $\alpha$          |
| 1.1                                         | 13kN = 1,3t      | 2301mm            | 30°                          |
| 1.2                                         | 13kN = 1,3t      | 2301mm            | 30°                          |
| 1.3                                         | 17kN = 1,7t      | 2162mm            | 22°                          |
| 1.4                                         | 17kN = 1,7t      | 2162mm            | 22°                          |

| Angaben zum Verzurren - Information for lashing |                  |                   |                        |
|-------------------------------------------------|------------------|-------------------|------------------------|
| Strang                                          | max. Kettenkraft | Zurrichtung       | Zurrwinkel             |
| cable                                           | max. chain force | Lashing direction | lashing angle          |
| 2.1                                             | 1527daN = 1,6t   | diagonal          | $\beta = 0-30^\circ$   |
| 2.2                                             | 1527daN = 1,6t   | straight          | $\gamma = 20-45^\circ$ |

| Strang | max. Kettenkraft | Zurrichtung       | Zurrwinkel             |
|--------|------------------|-------------------|------------------------|
| cable  | max. chain force | Lashing direction | lashing angle          |
| 3.1    | 1527daN = 1,6t   | diagonal          | $\beta = 0-30^\circ$   |
| 3.2    | 1527daN = 1,6t   | straight          | $\gamma = 20-45^\circ$ |

Bei Abweichungen von vorgegebenen Geometrie, Gewicht und bei Laständerungen ist die Rücksprache mit dem Hersteller erforderlich. Beim Heben sind größere Seillängen und kleinere Anschlagwinkel zulässig.

Alle Anschlag- und Zurrpunkte, sowie alle eingehängten Anschlag- und Zurrmittel dürfen sich weder an der Last, noch am Anschlagpunkt selbst abstützen!

Alle Angaben sind Gebrauchslasten = 1,0-fach (ohne Sicherheit)!

Deviations from the Geometry, weight and forces given need to be approved by the manufacturer.

At lifting longer cable and smaller angle are permissible.

All attachment and lashing points plus all hooked attachment and lashing accessories mustn't press on the load or the attachment point.

All forces are unfactored!

| Pos. | Qty. | Designation 1                                      | Material       | Material | Partname  | Material- | Weight |
|------|------|----------------------------------------------------|----------------|----------|-----------|-----------|--------|
|      |      | Designation 2                                      | Drawing no.    | proper   | Dimension | number    | kg/pc. |
| 5    | 4    | WASHER ZP A25-140HV-DIN125                         | St             |          |           | 24004809  | 0.03   |
| 4    | 4    | HEX.NUT ZP M24-8-DIN934                            |                |          |           | 24007961  | 0.11   |
| 3    | 4    | HEX.SOCKET HEAD CAP SCREW ZP M24X90-8.8-DIN912     |                |          |           | 40518233  | 0.43   |
| 2    | 2    | TRANSPORT DEVICE MR2 TK2135                        | 3759-08-006-51 |          |           | 30246902  | 17.5   |
| 1    | 2    | LIFTING POINT TRANSPORT RING 5300KG-NG13/8-TWN0119 | TWN            |          |           | 29500539  | 1.9    |

| Revision | Change | Date | Drawn | Date | Released |
|----------|--------|------|-------|------|----------|
|          |        |      |       |      |          |

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. ISO 16016

Edges of undefined shape ISO 13715:2000

Geometrical product specification (GPS) EN ISO 1101:2013

Surface specifications according to EN ISO 1302:1992

|                                           |                              |                                                                                   |                        |
|-------------------------------------------|------------------------------|-----------------------------------------------------------------------------------|------------------------|
|                                           |                              | <b>TRANSPORT SITUATION</b><br>TRANSPORTSITUATION<br>AD-MR2-L2801XB2615XH2615-5,4T |                        |
| Drawing number<br><b>1187-08.1-006-91</b> |                              | Sheet<br><b>1/1</b>                                                               | Revision<br><b>-</b>   |
| Date<br><b>12.04.2022</b>                 | Name<br><b>Papst, Yannis</b> | Material<br><b>40628252</b>                                                       | Weight/kg<br><b>A2</b> |
| Released<br><b>12.04.2022</b>             | Mannherz, Daniel             | Scale<br><b>1:20</b>                                                              | Projection<br>         |

# Baukastenstückliste modular BOM



Projekt  
Material 40628252  
Bezeichnung 1 TRANSPORTSITUATION  
  
Zchnng.Nr/ver 1187-08.1-006-91 / -  
Gewicht 41,090 KG  
Werk 1000

project  
material 40628252  
description 1 TRANSPORT SITUATION  
  
draw.No/ver 1187-08.1-006-91 / -  
weight 41,090 KG  
plant

| Pos. | Typ<br>type | Material | Menge<br>qty | Bezeichnung 1 / Bezeichnung 2             | description 1 / description 2                     | Zchnng.Nr/ver/Bpf<br>draw.No/ver | Gewicht<br>weight |
|------|-------------|----------|--------------|-------------------------------------------|---------------------------------------------------|----------------------------------|-------------------|
| 1    | L           | 29500539 | 2,000 ST     | ANSCHLAGPUNKT TRANSPORTRING               | LIFTING POINT TRANSPORT RING                      |                                  | 1,90 KG           |
| 2    | L           | 30246902 | 2,000 ST     | TRANSPORTVORRICHTUNG                      | TRANSPORT DEVICE                                  | 3759-08-006-51/-                 | 17,50 KG          |
| 3    | L           | 40518233 | 4,000 ST     | ZYLINDERSCHRAUBE GVZ<br>M24X90-8.8-DIN912 | HEX.SOCKET HEAD CAP SCREW ZP<br>M24X90-8.8-DIN912 |                                  | 0,43 KG           |
| 4    | L           | 24007961 | 4,000 ST     | SECHSKANTMUTTER GVZ<br>M24-8-DIN934       | HEX.NUT ZP<br>M24-8-DIN934                        |                                  | 0,11 KG           |
| 5    | L           | 24004809 | 4,000 ST     | SCHEIBE GVZ<br>A25-140HV-DIN125           | WASHER ZP<br>A25-140HV-DIN125                     |                                  | 32,30 G           |

\* Z = Infoteil  
\* Z = reference part