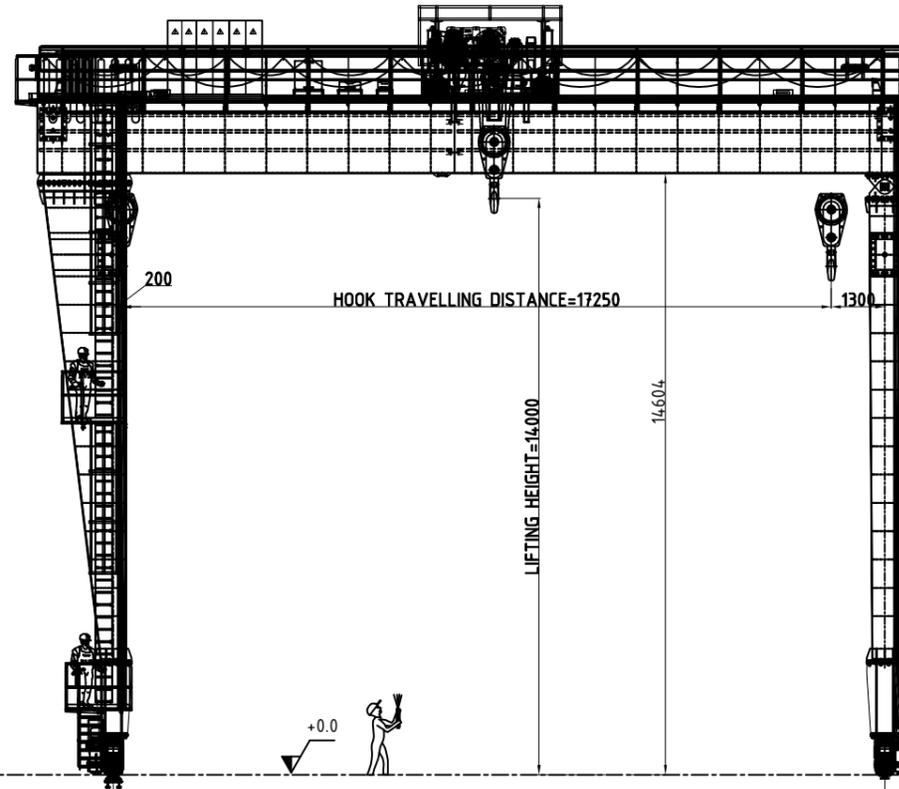
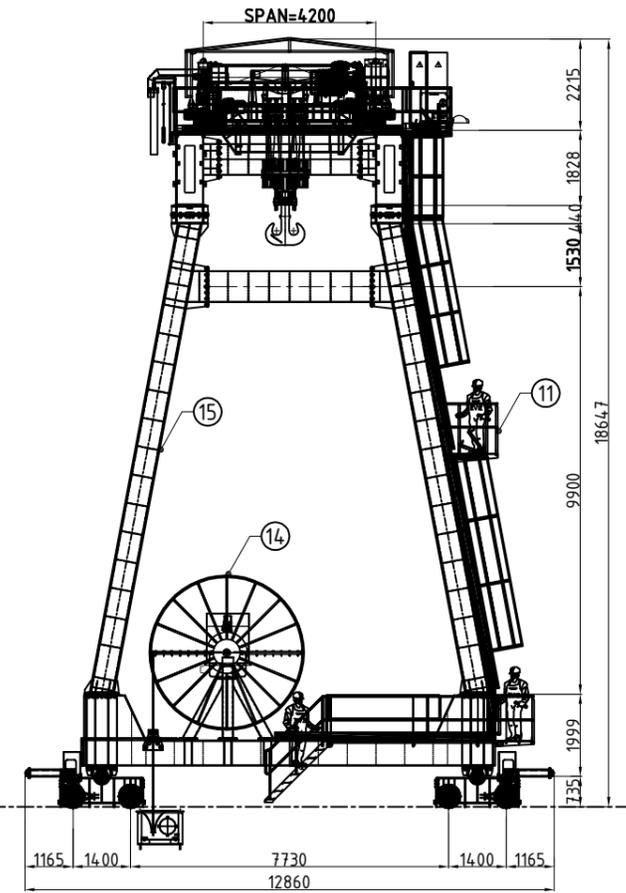


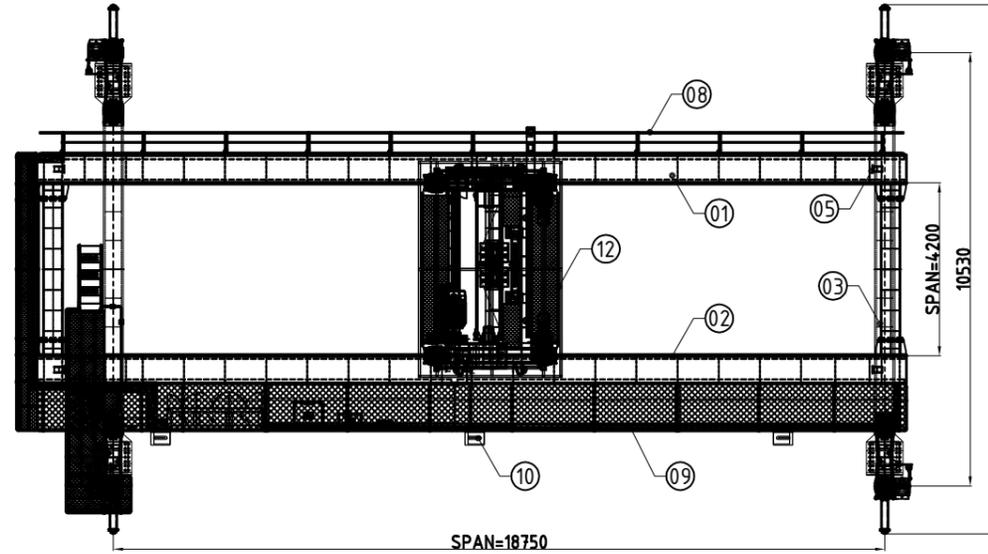
A VIEW



SPAN=18750



B VIEW



SPAN=18750

FEM - RAY TOLERANSLARI / FEM - TOLERANCES OF CRANE RAILS

| DEĞER / VALUE | RESİM / PICTURE | TOLERANS / TOLERANCES | AÇIKLAMA / DESCRIPTION |
|---------------|-----------------|---|---|
| A (mm) | | ± 0.5 ± 0.3 ± 0.5 $A = \pm (3 + 0.25 (x - 15))$ mm (max. ± 25 mm) | A açıklama maksimum kaçaklıdır. A is the greatest divergence from the span. (A is to be expressed in mm) |
| B (mm) | | $B = \pm 10$ mm $b = 1$ mm | Rayın üst kenarından maksimum 10 mm'lik sapma (A noktasına göre) her 2 m'de ± 1 mm'yi geçmemelidir. The maximum permissible lateral deviation of each rail in a horizontal plane is ± 10 mm. The curvature in the longitudinal axis at any point shall not exceed ± 1 mm in a length of 2 m. |
| C (mm) | | $C = \pm 10$ mm $c = 2$ mm | Rayın üst kenarından maksimum 10 mm'lik sapma (A noktasına göre) her 2 m'de ± 2 mm'yi geçmemelidir. The greatest permissible tolerance of the upper edge of the rail is ± 10 mm from the theoretical height position. The curvature in a longitudinal direction may at each point of a measured length of 2 m not exceed a value of 2 mm. |
| E (mm) | | $E = \pm 0.5$ (m) $E_{max} = \pm 10$ mm | Rayın üst kenarından maksimum 10 mm'lik sapma (A noktasına göre) her 2 m'de ± 0.5 mm'yi geçmemelidir. Maximum 10 mm of the upper edge of the rails. (E is to be expressed in mm) |
| F (mm) | | $F = \pm 0.5$ (m) $F_{max} = \pm 10$ mm | Rayın üst yüzeyinin eğim oranı maksimum 0.5/100'den fazla olmamalıdır. The inclination of the rail rolling surface must not exceed 0.5 on compared with the theoretical position. |
| G (mm) | | Longitudinally ± 0.3 Laterally ± 0.3 | Rayın dikey ekseninin eğim oranı maksimum 0.3/100'den fazla olmamalıdır. The vertical axis of the rail must not diverge from the vertical axis of the rail girder web by more than half the thickness of the rail girder web. |
| K (mm) | | $K = 0.5$ | |

| | MAIN LIFTING | AUXILIARY HOIST | TROLLEY TRAVELLING | BRIDGE TRAVELLING |
|---------------|--------------------------------------|-----------------|--|---------------------------------------|
| SPEED (m/min) | 1.0/2.9 | - | 5.1/18.5 | 4.5/26.0 |
| DIAMETER (mm) | Ø630(DRUM) S275JR | - | 4xØ500(WHEEL) C4140 | 8xØ500(WHEEL) C4140 |
| DRIVE MOTOR | ABB 75 kW 500-1402 d/dk | - | WAT 5.5 kW 1450 d/dk | WAT 7.5 kW 1450 d/dk |
| REDUCER | HT1324.21 i:159.35 n2:8.80 SEW | - | PD73 DG/LT i:123.12 n2:11.70 WAT | PKD6390 DG i:87.70 n2:16.50 WAT |
| BRAKE | 400.HYD 081/06 GALVI | - | MAGNET TEMPO | MAGNET TEMPO |

THECNICAL SPECIFICATIONS

| | MAIN HOISTING | AUXILIARY HOISTING |
|---------------------------|---|--------------------|
| CAPACITY | 14.0 TONS | - |
| SPAN (METERS) | 18.75 | - |
| LIFTING HEIGHT (METERS) | 14 | - |
| HALL LENGTH (METERS) | - | 360 |
| ROPE REEVING | 12/2 | - |
| LIFTING CLASS | H2 DIN 15018 | - |
| LIFTING GROUP | B3 DIN 15018 | - |
| MECHANISM GROUP | 2m DIN 15020 | - |
| CONTROLLER | FROM OPERATOR CABIN AND FREE FROM TROLLEY (48V) | |
| CONTROLLER CABLE (METERS) | - | - |
| BRIDGE RAIL | A100 | - |
| TROLLEY RAIL | 60x60 | - |
| ROPE | Ø28 | - |
| ROPE TYPE | 6x36 W.S.C 200 kg/mm ² | - |
| ENVIRONMENT, TEMP | OPEN AREA (-20+40 °C) | - |
| SUPPLY / CONTROL VOLTAGE | 380V-50Hz - 48V | |
| MAIN ELECTRICITY | MOTOR DRIVEN CABLE PULLEY (KATO) | |

| Poz / Item | Adet / Pcs | Tanım / Remark | Resim No / Dwg No | Malzeme / Material | Adet/Lach / Ağırık / Weight (kg) | Toplam/Total | Notlar / Notes |
|-----------------------|--------------|-----------------|--|--------------------|---|--------------|----------------|
| - | - | - | - | - | - | - | - |
| Rev / Rev | Tarih / Date | Çizen / Changed | Açıklama / Kind of Revision | | | | |
| İsım / Name | | Tarih / Date | İmza / Signature | | | | |
| Çizen/Drawing by | | ZEKİ ŞİMŞEK | 12.12.2025 | | BVS Bülbüloğlu cranes | | |
| Kontrol/Checked | | EBRU ÖZ | | | | | |
| Onay/Approved | | ANIL YAVUZ | | | | | |
| Firma Adı / Customer: | | | OZDEMIR | | Copying of this document and giving it to others are forbidden without express authority by BVS. All rights are reserved. Bu resim BVS'nin mali olup BVS'nin izni olmadıkça kimsen veya tamamen kopya edilemez ve başkasına devredilemez. | | |
| İs / Job Name: | | | 14.0+25+12,5 DOUBLE GIRDER OVERHEAD TRAVELLING | | Ölçek / Scale : NTS | | |
| Dosya Adı / CAD | | | GANTRY CRANE GENERAL VIEW | | İs / Job No: 4744.00.00 | | |
| | | | | | Resim no / Drawing No: 4744.00.00.1000 | | |
| | | | | | Standart | | |
| | | | | | Rev 0 | | |