

**APPLIED STANDARD / ANGEWANDTE NORM**

Design according to / Konstruktive Ausführung gemäss : ETA-08/0115

**MAX. POSSIBLE MOVEMENT / MAX. MÖGLICHE BEWEGUNG**

Exclusive of increased movement according to : / Ohne Bewegungszuschläge nach : EN 1337-1

Displacement / Verschiebung  $v_y = \pm xx$  mm  
 Rotation / Verdrehung  $\alpha_{xy} = \pm xx$  ‰

**POSSIBLE LOADING CASES / MÖGLICHE LASTFÄLLE**

Maximum design resistance / Maximale Lagerlasten :

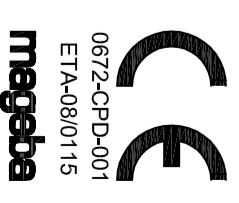
**LOAD CASE / LASTFALL: A**  
 Vertical load / Vertikallast  $N_{rd,max} = xx$  kN  
 Horizontal load / Horizontallast  $V_{rd,max} = xx$  kN

**LOAD CASE / LASTFALL: B**  
 Vertical load / Vertikallast  $N_{rd,max} = xx$  kN  
 Horizontal load / Horizontallast  $V_{rd,max} = xx$  kN

**QUALITY MANAGEMENT / QUALITÄTSSICHERUNG:**



**CERTIFICATION / ZERTIFIZIERUNG:**

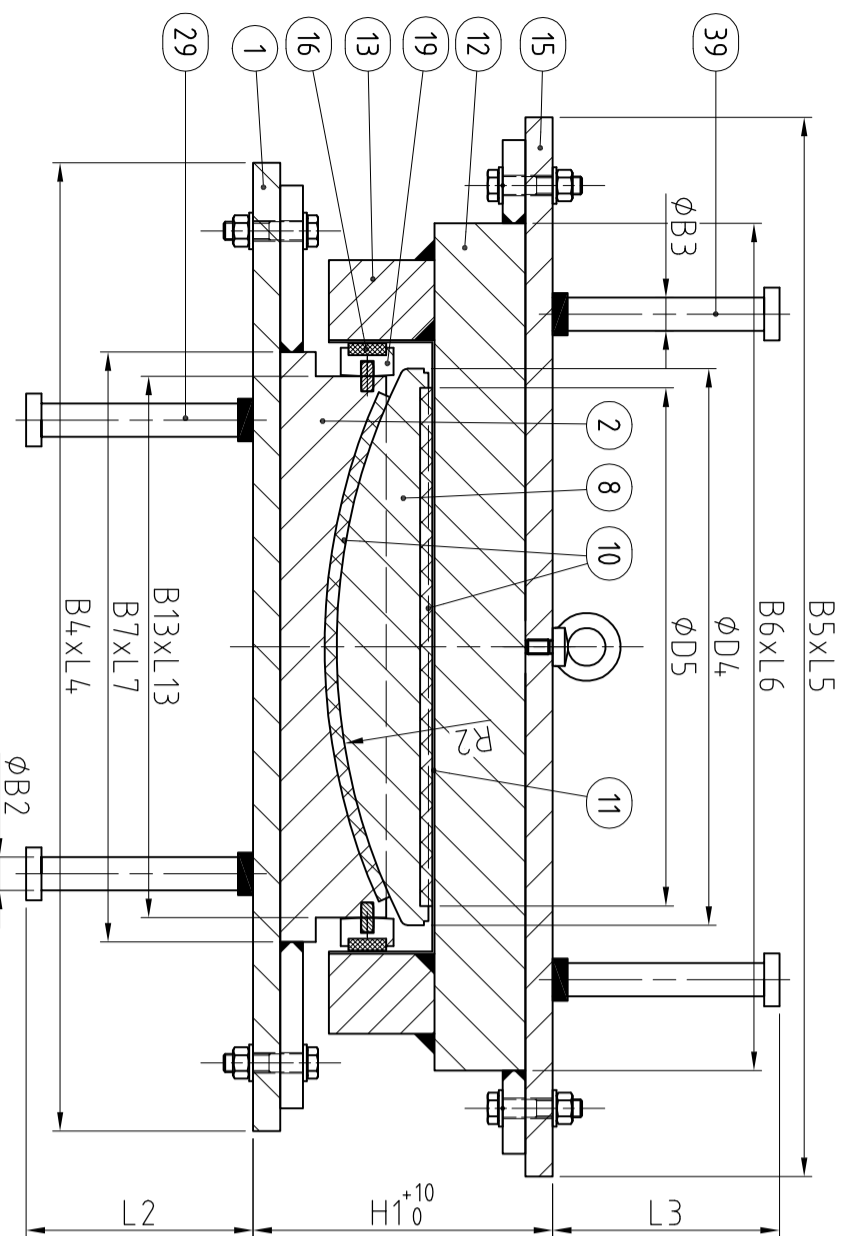


**TECHNICAL SPECIFICATION**

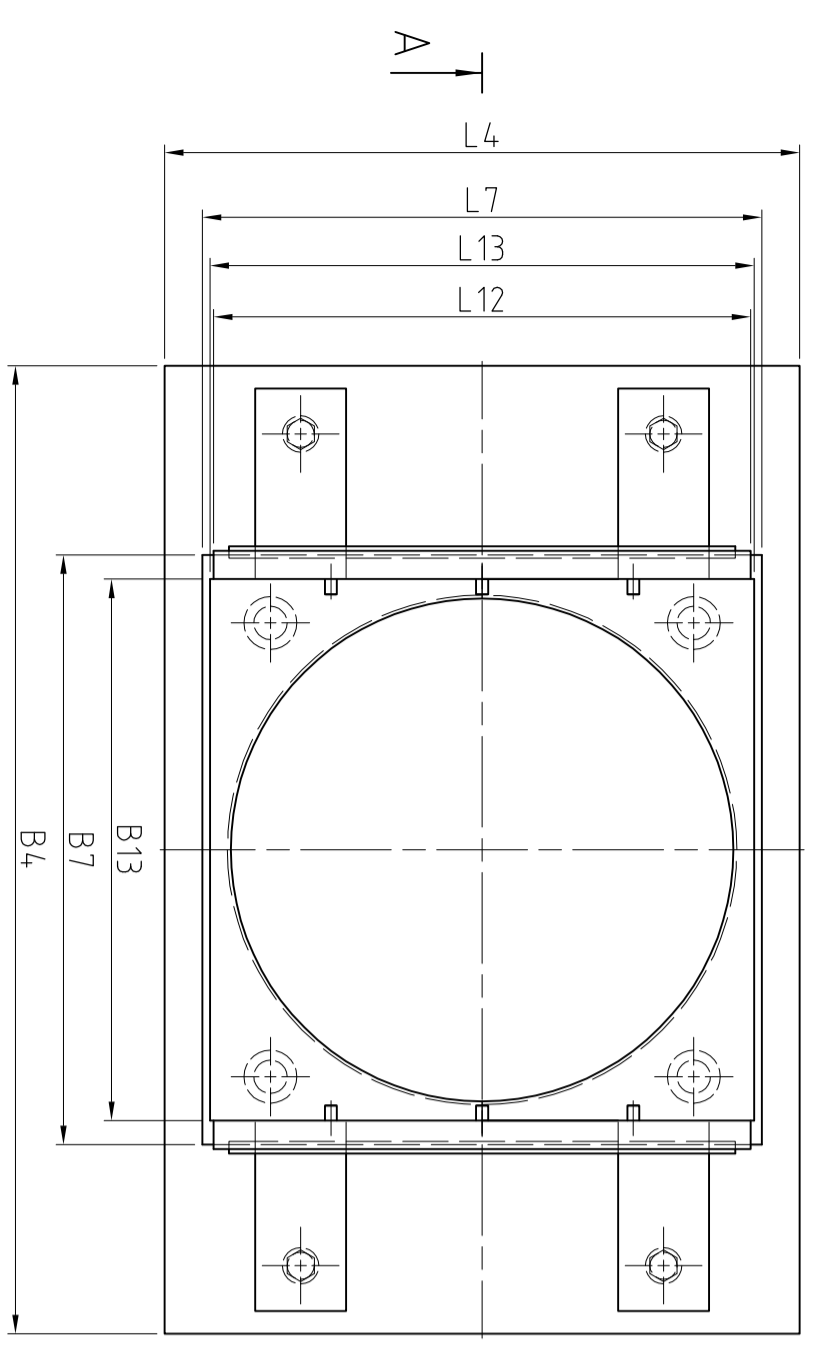
- Bearings are equipped with ROBO@SLIDE high-grade sliding material
- ROBO@SLIDE has the European Technical Approval ETA-08/0115
- The relevant characteristic properties of ROBO@SLIDE are:
  - characteristic permissible pressure  $f_s = 180$  N/mm<sup>2</sup>
  - friction coefficient  $\mu < 0.020$  with  $T_s = -5^\circ$  C
- Requirements for connecting concrete bridge structure to allow an optimal load transfer:
  - Concrete quality C50/60 (EC2)
  - Cone-shaped dispersion of stress in the connecting structure

**TECHNISCHE SPEZIFIKATION**

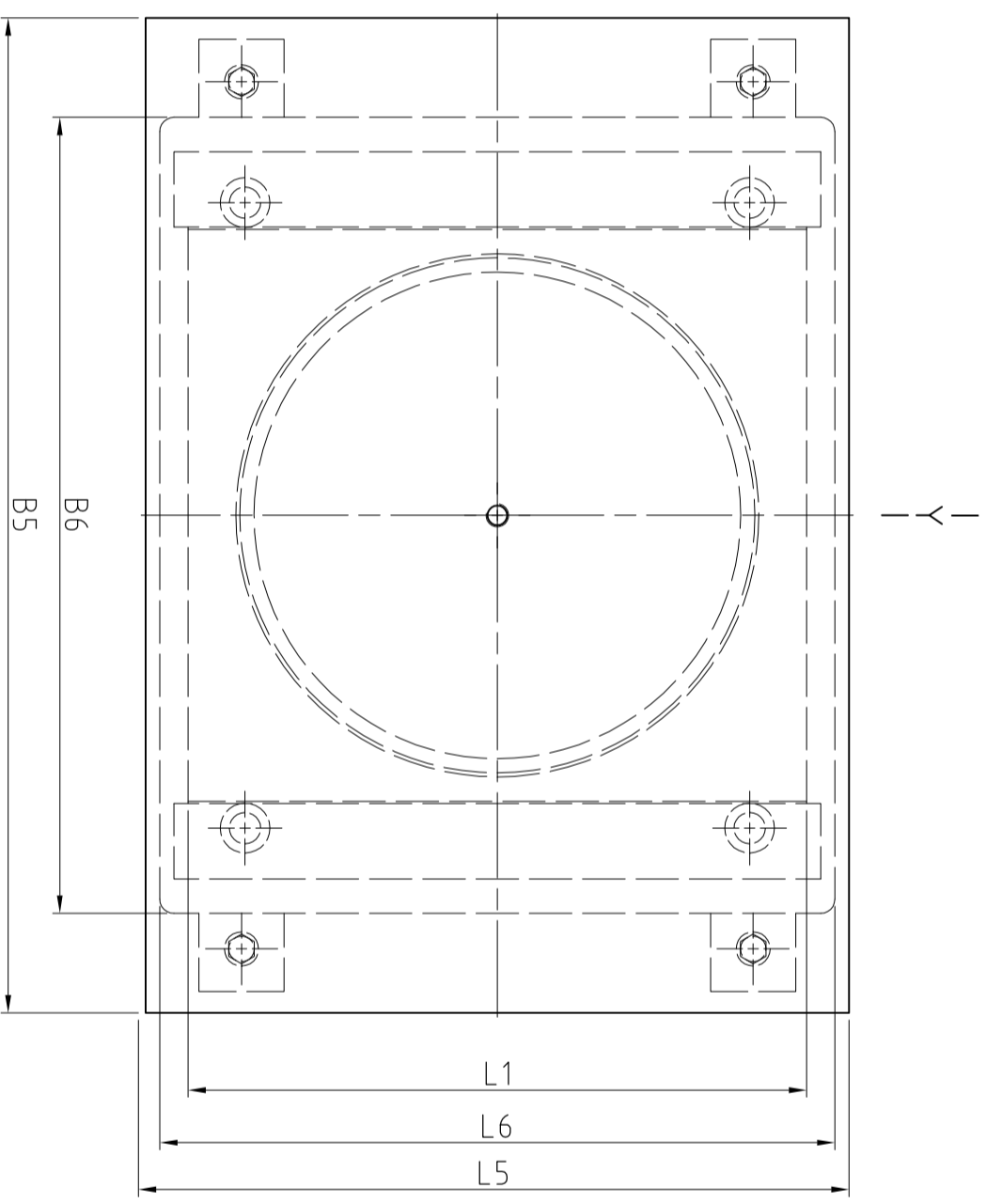
- Lager ist mit hochwertigem Gleitmaterial ROBO@SLIDE ausgestattet
- ROBO@SLIDE besitzt die Europäische Technische Zulassung ETA-08/0115
- Die relevanten charakteristischen Eigenschaften von ROBO@SLIDE sind:
  - charakteristische zulässige Pressung  $f_s = 180$  N/mm<sup>2</sup>
  - Reibungskoeffizient  $\mu < 0.020$  bei  $T_s = -5^\circ$  C
- Anforderungen für Betonbrücken, um eine optimale Lastübertragung zu ermöglichen:
  - Betonqualität C50/60 (EC2)
  - kegelförmige Lastausbreitung im Anschlussbauwerk



Section/ Schnitt A-A



Bottom part / Unterteil



Sliding Plate / Gleitplatte

ANZ.	BENENNUNG	DIMENSIONEN	POS.	MATERIAL	ARTIKEL
1	Calotte / Kalotte	ØD4x(T4+H6)	8	S355J2+N	
4	Shear stud / Kopfbolzen	ØB3xL3	39	S235JR+C45	
4	Shear stud / Kopfbolzen	ØB2xL2	29	S235JR+C45	
1	Bottom part / Unterteil	L7xB7xT1	2	S355J2+N	
2	Tilt bar / Kippleiste	L12xB12xH12	19	S355J2+N	
2	ROBO@SLIDE L2	L9xB9xT14	16	ROBO@SLIDE	
1	Upper anchor plate / Obere Ankerplatte	L5xB5xT13	15	S235JR	
2	Guide bar / Führungseiste	L8xB8xH8	13	S355J2+N	
1	Sliding plate / Gleitplatte	L6xB6xT6	12	S355J2+N	
1	Sliding sheet / Gleitblech	L1xB1xT9	11	1.44.04	
2	ROBO@SLIDE L2	ØD5xT5	10	ROBO@SLIDE	
1	Lower anchor plate / Untere Ankerplatte	L4xB4xT12	1	S235JR	

Revision	Date	Description	Prepared	Reviewed	Approved
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Article-No.:  
**General tolerances according ISO 2768-**

Client:	Scale:	Weight:
Project:		
Structural Member:	Typical Spherical Bearing with RoboSlide Type KEQ (guided)	Location:
P-No.:		Sheet-No.:
		KEQ with RoboSlide

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