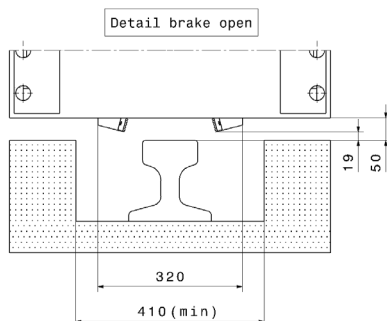
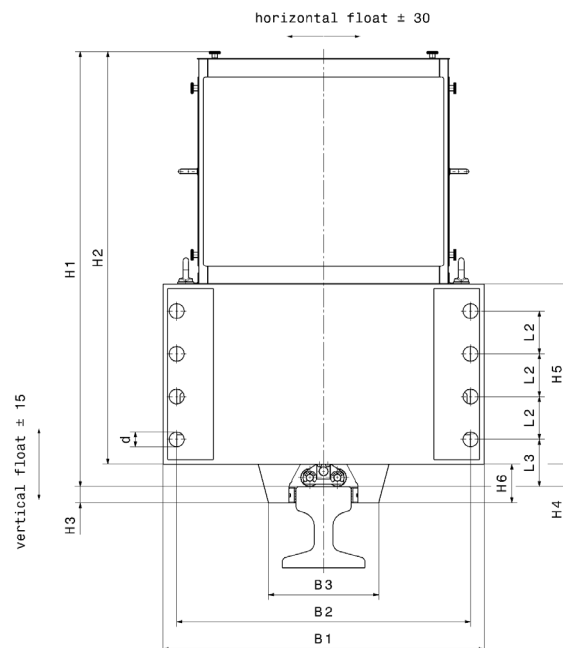
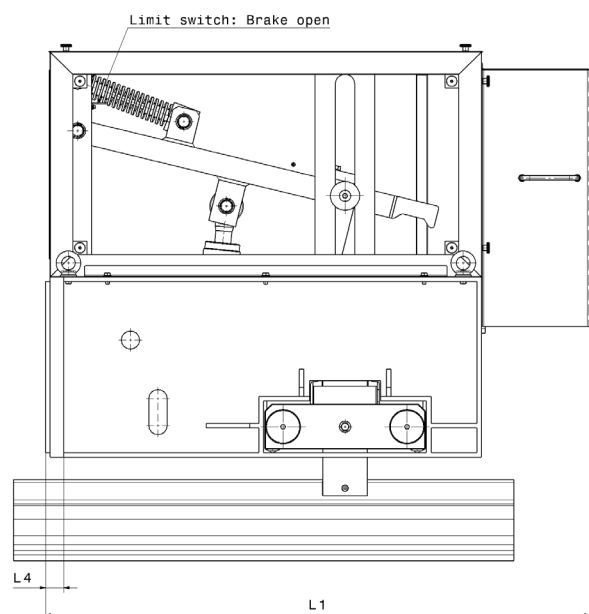


RAIL CLAMP

RB-NC-500

M 1501 501 E-EN-03-2024



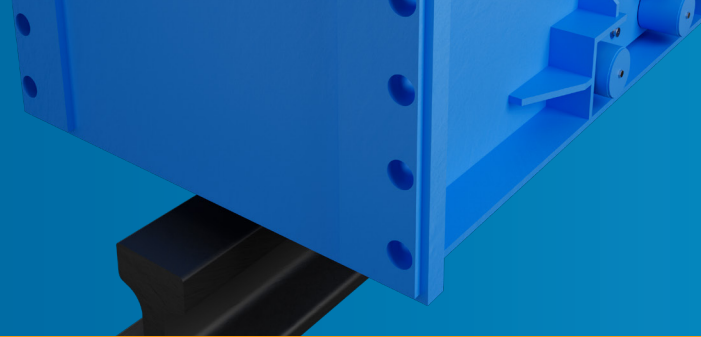
TECHNICAL DATA:

- Max. wear rail/ jaw per side : 5 mm
 - Ambient temperature : - 20 °C to + 50 °C
 - Closing time setting : 5 s to 10 s
 - Opening time : approx. 10 s
 - Motor voltage : 230/ 400 V, 50/ 60 Hz, S3 – 30 %
 - Valve voltage : 24 V
- *1 Quantity and strength grade of the screws.
 - o RB-NC-500 : 8x M30 – 10.9 $M_a = 2000 \text{ Nm}, \mu = 0,14$

RAIL CLAMP

RB-NC-500

M 1501 501 E-EN-03-2024



HOLDING FORCE AND DIMENSIONS

Type:	Holding force [kN]		Weight [kg]	B1 [mm]	B2 [mm]	B3 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	d [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	H6 [mm]
μ [-]	0,25	0,5															
RB-NC-500	250	500	540	700	640	240	1185	95	105	40	33	967	917	36	50	400	86

DESCRIPTION AND TECHNICAL DATA:

- The rail clamps are released electro-hydraulically.
- The rail clamps are self-locking and have no contact to the rail while in a released position.
- In case of wind forces are applied on the crane, the brake shoes are pressed against the rail flanges. The more the cranes moves the higher the forces applied on the rail.
- Horizontal movement (float) of ± 30 mm and a vertical movement (float) of ± 15 mm in the rail clamp housing.
- Protection cover made of stainless steel.
- The release of the rail clamp occurs via integrated hydraulic power pack (HPU) with hydraulic cylinder. In emergency stop operation, the rail clamp can be released via mechanical manual release.
- The functional status of the rail clamp is monitored with the signals of the limit switches: „Brake open“.