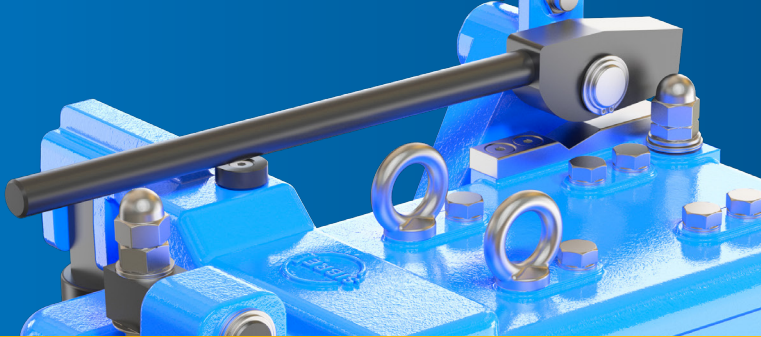


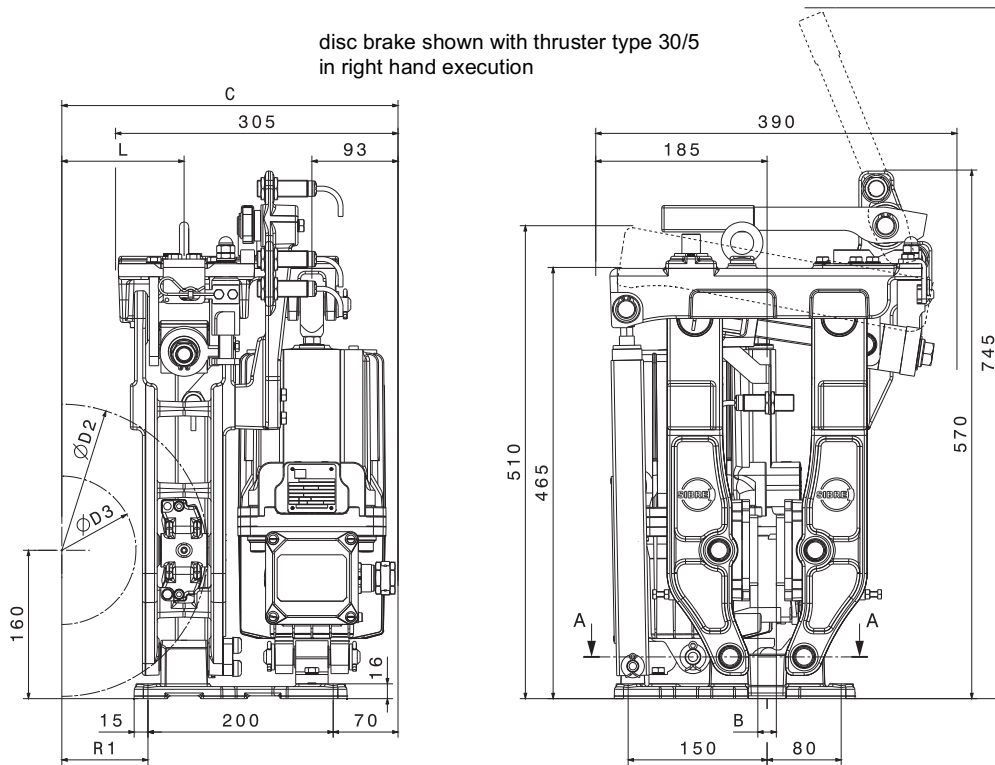


DISC BRAKE

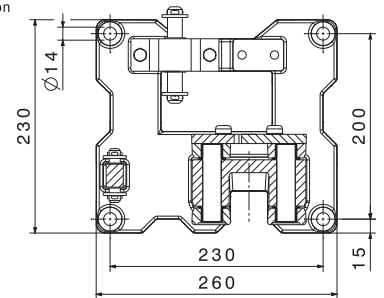
USB5-05

M 1501 458 E-EN-2021-01

disc brake shown with thruster type 30/5
in right hand execution



Schnitt A-A
section



D2: Outer disc diameter
D3: Max. coupling or hub-Ø
B: Disc width = 20 mm,
others on request
L: R1 + 39 mm

Thruster type				23/5 220-50		30/5 300-50		500-50	
Dimensions in mm				Braking torque M in Nm					
D2	D3	R1	C	Mmin	Mmax	Mmin	Mmax	Mmin	Mmax
250	96	61	331	110	210	195	390	270	630
280	126	76	346	115	240	225	450	320	730
315	160	93	363	135	280	260	520	360	830
355	200	113	383	155	320	300	600	410	950
400	244	135	405	175	370	345	690	480	1100
450	294	160	430	205	420	395	790	550	1250
500	344	185	455	230	480	445	890	620	1400

- Brake linings of sintered material with standard brake disc material S355J2G3
- The specified braking torques are based on an average friction coefficient $\mu_m = 0,4$ with grinded and optimum conditioned brake linings up to a sliding speed of 60 m/s. Deviating parameters can reduce the friction coefficient.
- Please contact us when using thrusters with lifting- and / or lowering valves.
- Weight without thruster: 46 kg.
- **Available options:**
 - Left hand execution, special execution for low and high ambient temperature
 - Manual release
 - Brake linings of organic material (please contact us for other operating conditions)
 - Inductive sensors for indication "brake open", "brake closed" and / or "pad wear"
 - Temperature sensor for brake linings
 - Load cell for monitoring of clamping force