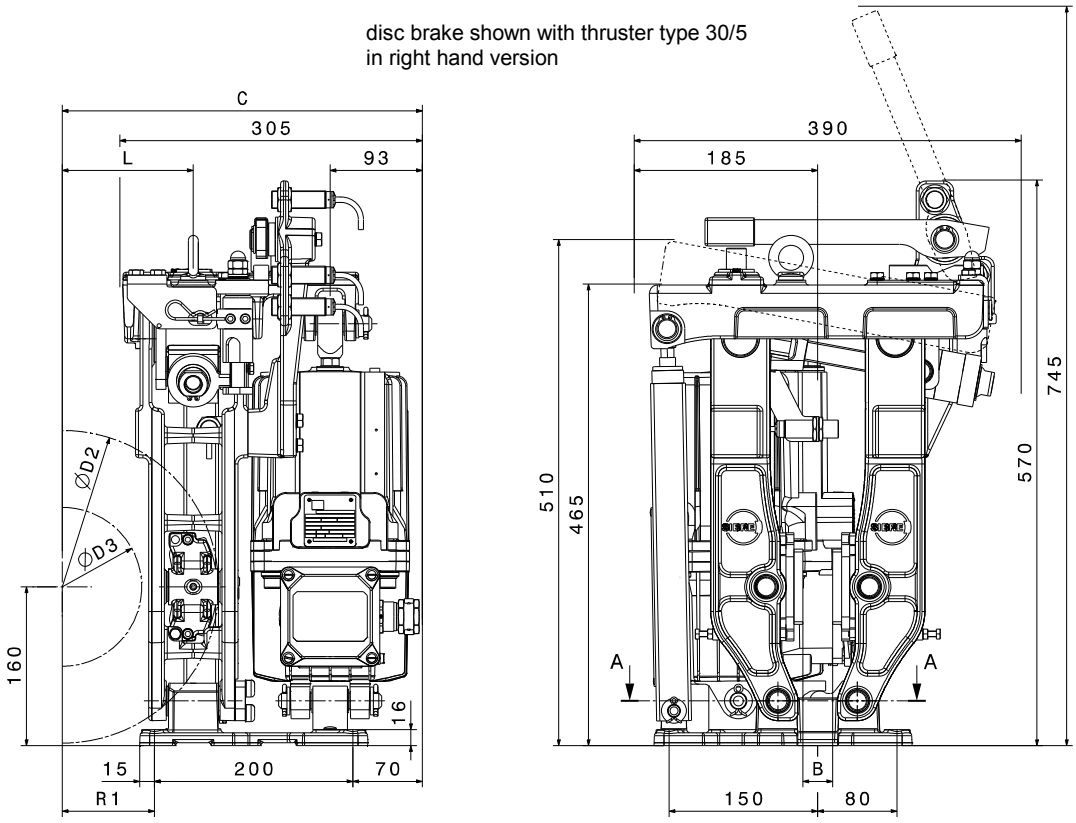
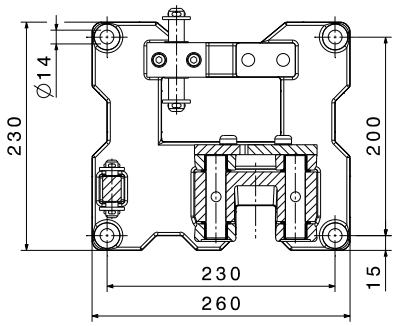
disc brake shown with thruster type 30/5
in right hand version



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	
Dimensions in mm				Braking torque M in Nm			
D2	D3	R1	C	M_{min}	M_{max}	M_{min}	M_{max}
250	75	61	331	100	210	100	390
280	105	76	346	130	240	130	450
315	140	93	363	150	270	150	520
355	180	113	383	180	310	180	600
400	220	135	405	210	360	210	690

- Brake linings of sintered material with standard brake disc material S355J2G3
- The specified braking torques are based on an average friction coefficient μ_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:**
  - Special executions for low and high ambient temperature
  - Manual release
  - Inductive sensors for indication “brake open”, “brake closed” and/ or “pad wear”.
  - Temperature sensor for brake linings
  - Load cell for monitoring of clamping force