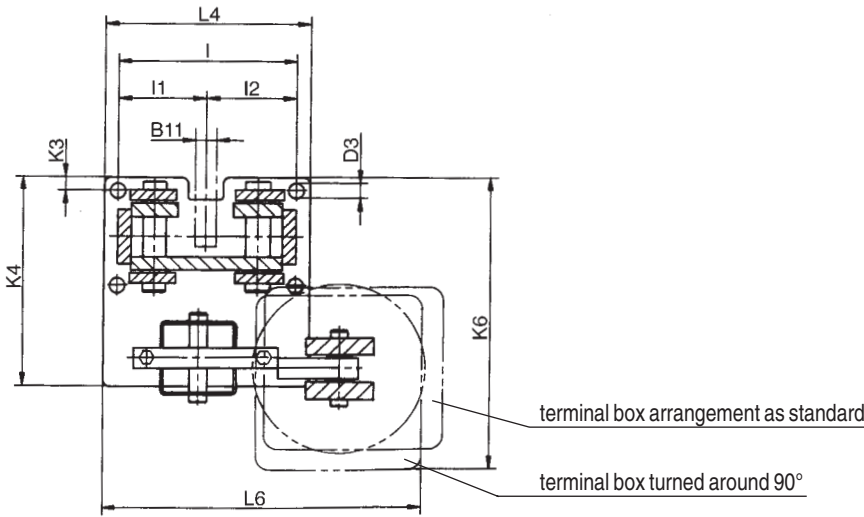
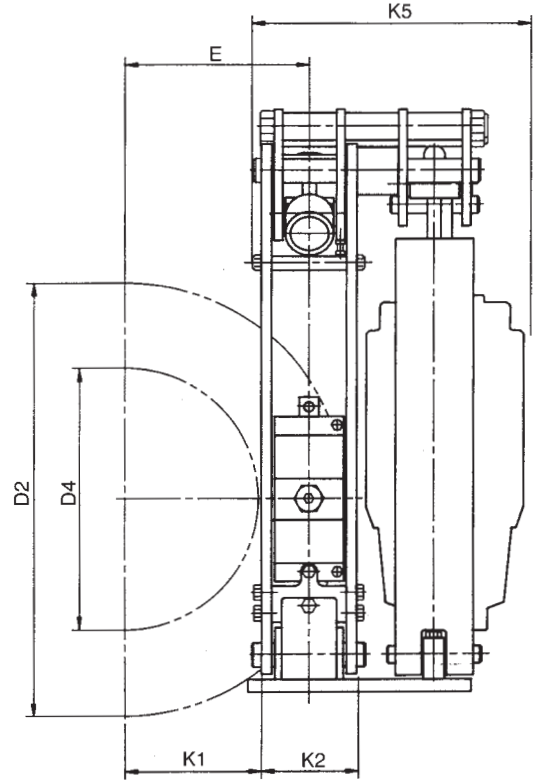
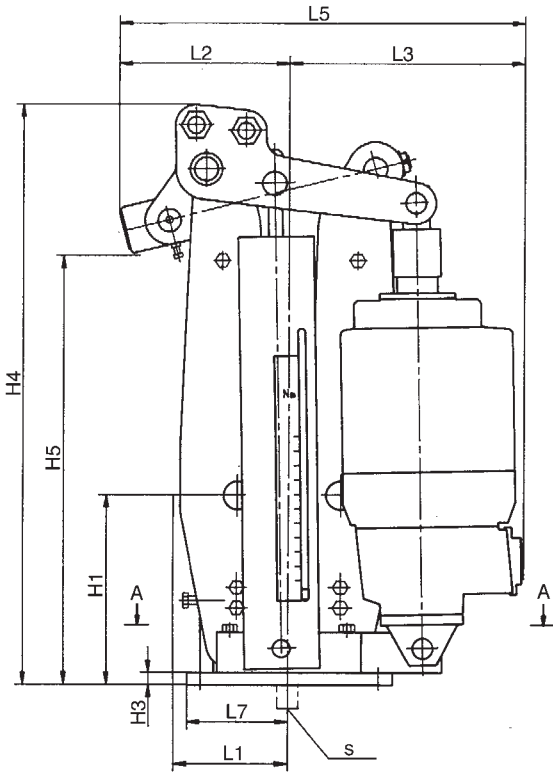


Series RST



right hand design shown,
left hand design laterally
reversed at axis s,
thrusters also available
with terminal box turned
around 90°

- ¹⁾ Dimensions in mm
- ²⁾ The various operating conditions like circumferential (sliding) speed, contact pressure, thermal load, material of the brake disc and environment influences can change the friction value. It should be taken into consideration when calculating a brake.
- ³⁾ Recommendation: necessary Braking torque between 30 % and 90 % of the maximum value

All data subject to change without notice

edition 3/97



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Brake Size RST 1

Thruster	d ₃	H ₁	H ₃	H ₄	H ₅	l	l ₁	l ₂	K ₂	K ₃	K ₄	K ₅	K ₆	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇
23/5	18	230	14	670	490	260	80	180	120	20	250	320	360	120	190	260	300	450	320	100
30/5												320	360			260		450	320	
50/6												340	400			300		490	340	
80/6												340	400			300		490	340	

Brake Disc Dimensions

Brake Disc Dimensions					Maximum Braking Torque in Nm at $\mu=0.4$				
d ₂	d ₄	b ₁₁	e	K ₁	Thruster 23/5	30/5	50/6	80/6	
315	120	30	118	58	350	430	740	1150	
355	160	30	138	78	400	500	850	1380	
400	205	30	160	100	–	590	1000	1650	
450	255	30	185	125	–	680	1200	1900	
500	305	30	210	150	–	–	1350	2100	

Weight without thruster: 60 kg

Brake Size RST 2

Thruster	d ₃	H ₁	H ₃	H ₄	H ₅	l	l ₁	l ₂	K ₂	K ₃	K ₄	K ₅	K ₆	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇
50/6	22	280	18	855	630	260	130	130	140	20	300	440	445	170	260	360	300	620	455	150
80/6												440	445			360		620	455	
121/6												430	435			350		610	470	
201/6												430	435			350		610	470	

Brake Disc Dimensions

Brake Disc Dimensions					Maximum Braking Torque in Nm at $\mu=0.4$				
d ₂	d ₄	b ₁₁	e	K ₁	Thruster 50/6	80/6	121/6	201/6	
400	150	30	148	80	900	1480	2300	–	
450	200	30	173	105	1000	1700	2650	4200	
500	250	30	198	130	1200	1950	3000	4800	
560	310	30	228	160	1400	2300	3500	5500	
630	380	30	263	195	1640	2700	4100	6400	
710	460	30	303	235	1900	3100	4700	7300	

Weight without thruster: 135 kg

Brake Size RST 3

Thruster	d ₃	H ₁	H ₃	H ₄	H ₅	l	l ₁	l ₂	K ₂	K ₃	K ₄	K ₅	K ₆	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇
121/6																				
201/6	27	372	22	1120	865	360	180	180	160	30	370	480	510	200	320	350	450	670	550	225
301/6																				

Brake Disc Dimensions

Brake Disc Dimensions					Maximum Braking Torque in Nm at $\mu=0.4$				
d ₂	d ₄	b ₁₁	e	K ₁	Thruster 121/6	201/6	301/6		
630	320	30	255	169	4300	6150	9000		
710	400	30	295	209	4980	7200	10500		
800	490	30	340	254	5740	8200	12000		
900	590	30	390	304	7210	9500	13600		
1000	690	30 (42)	470	354	7460	10700	15400		
1250	940	30 (42)	565	479	8500	12000	19600		

Weight without thruster: 265 kg

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