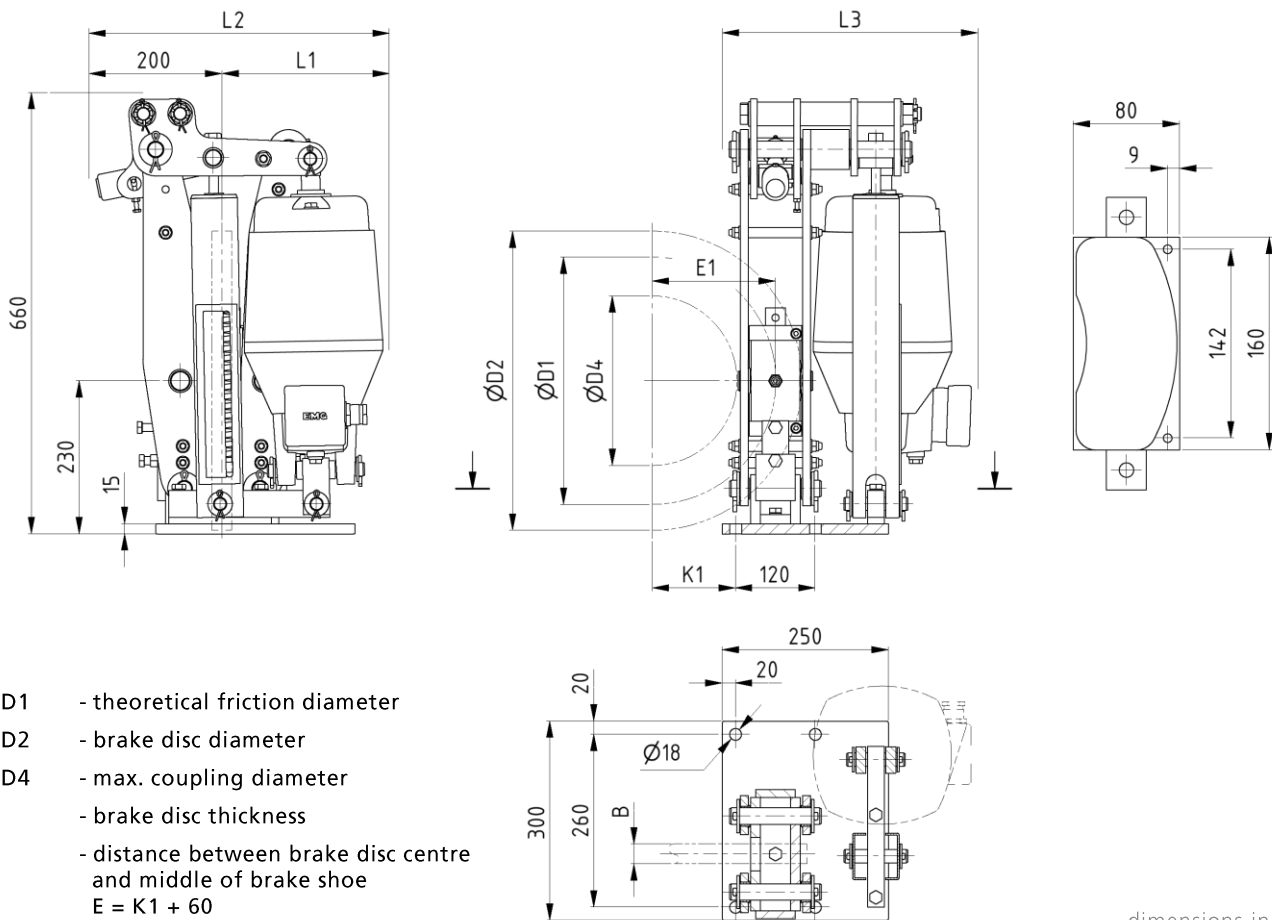


Disc Brake RST 1

dimensions and technical data

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- ØD1 - theoretical friction diameter
- ØD2 - brake disc diameter
- ØD4 - max. coupling diameter
- B - brake disc thickness
- E - distance between brake disc centre and middle of brake shoe
 $E = K1 + 60$

ordering example: RST 1 50/6 - D2 x B

 dimensions in mm
 right hand design
 left hand design laterally reversed at brake disc

Technical Data

weight brake appr. 60 kg ²⁾				Thruster							
				23/5		30/5		50/6		80/6	
Brake Disc Dimensions [mm]				M_B [Nm] $\mu = 0,4$ ¹⁾							
ØD2	ØD1	ØD4	K1	min	max	min	max	min	max	min	max
315	237	120	58	90	320	110	430	190	740	290	1150
355	277	160	78	100	365	130	500	220	850	350	1380
400	322	205	100	110	410	150	590	260	1000	410	1650
450	372	255	125	120	455	170	680	300	1200	470	1900
500	422	305	150	140	510	190	750	340	1350	520	2100
560	482	365	180	160	570	210	840	380	1500	570	2300
630	552	435	215	180	670	230	950	420	1700	650	2600
				L1 = 260 L2 = 460 L3 = 380				L1 = 300 L2 = 500 L3 = 380			

1. Friction value can change due to various operation conditions like circumferential speed, contact pressure, thermal load, material of the brake disc and environmental influences. This should be taken in consideration when calculating the brake.
2. without thruster, without accessories

subject to change without notice