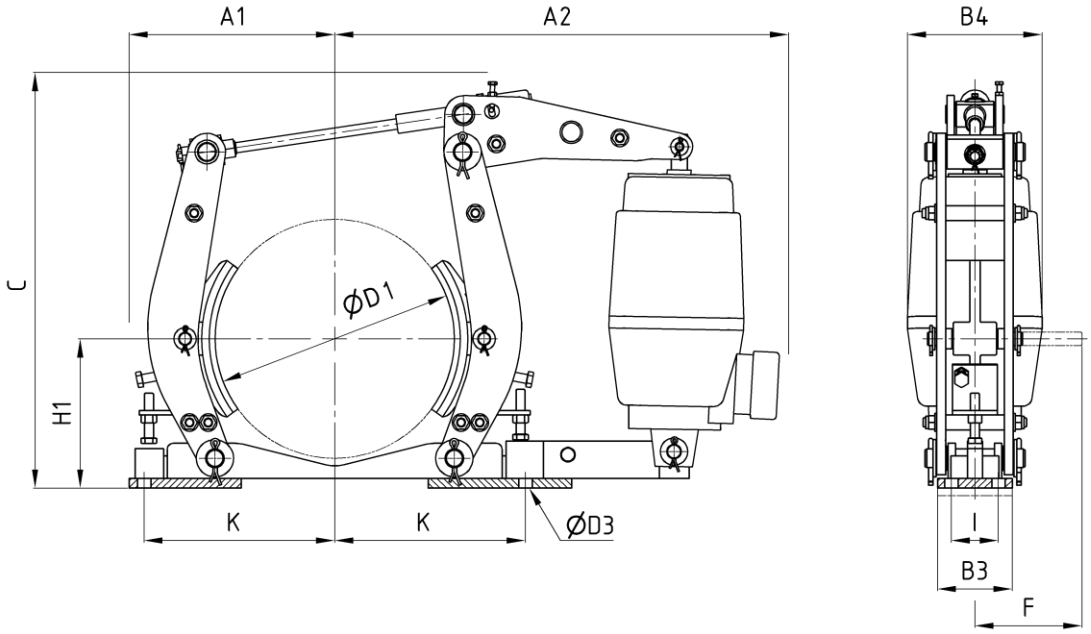
Drum brake STBC

according to TGL 38302



Order example: STBC D1 - 50/50 - C50

dimensions in [mm]

Technical data

D1	Thruster size	Spring [N]	M_{Br} [Nm] μ = 0,4 [1)2)]	A1	A2	B1	B3	B4	C	D3	F	H1	I	K	m [kg] [3)]
200	20/50	C12 C20	150 250	185	485	65	70	150	465	14	128	140	45	170	21
	50/50	C18 C32 C50	225 400 630					180	485						21
250	20/50	C12 C20	185 310	222	532	80	80	150	510	14	128	165	50	202,5	28
	50/50	C18 C32 C50	280 500 780					180	510						28
320	50/50	C18 C32 C50	325 575 900	275	590	100	100	180	545	18	175	200	63	255	46
	80/60	C45 C80	840 1500		600			204	580						50
	125/60	C45 C80 C125	840 1500 2335					204	580						50
400	50/50	C18 C32 C50	345 615 965	335	705	125	120	180	810	18	198	250	80	310	81
	80/60	C45 C80	870 1545					204							81
	125/60	C45 C80 C125	870 1545 2415					204							81

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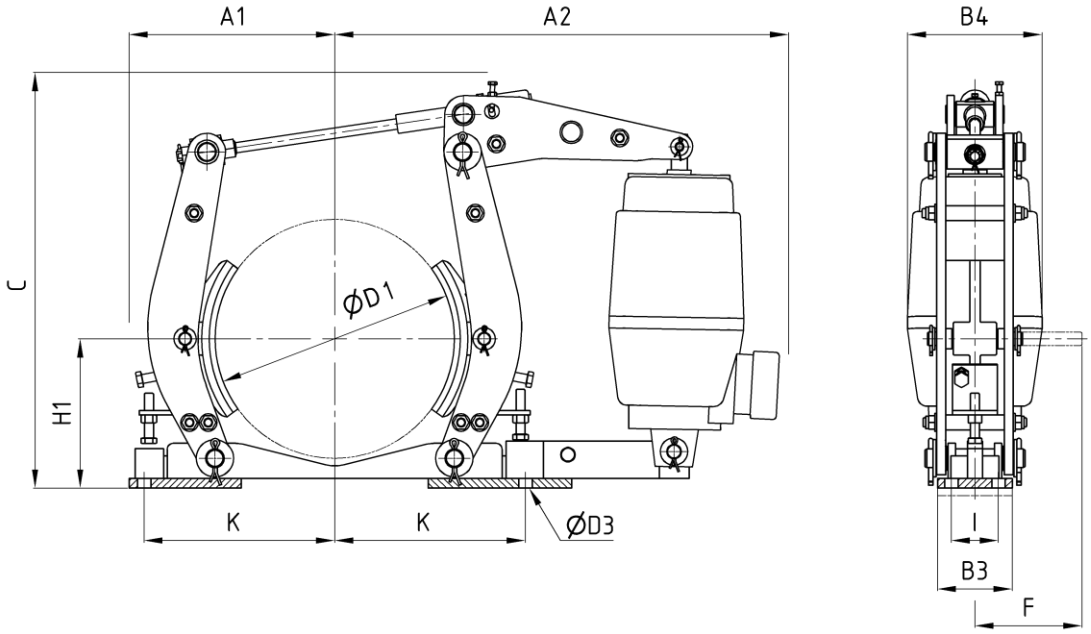
Drum brake STBC

according to TGL 38302



Order example: STBC D1 - 50/50 - C50

dimensions in [mm]

Technical data

D1	Thruster size	Spring [N]	M_{Br} [Nm] μ = 0,4 [1)2)]	A1	A2	B1	B3	B4	C	D3	F	H1	I	K	m [kg] [3)]
500	80/60	C45 C80	1170 2080	398	771	160	150	204	845	23	246	320	100	375	110
	125/60	C45 C80 C125	1170 2080 3250		771			204							110
	250/60	C70 C130 C200	1820 3380 5200		791			250							125
630	125/60	C45 C80 C125	1250 2230 3400	500	875	200	180	204	1000	23	295	400	125	470	180
	250/60	C70 C130 C200	1950 3625 5575		900			250							180
710	250/60	C70 C130 C200	2130 3960 6100	550	975	225	200	250	1100	27	305	450	140	520	200
	320/100	C70 C250 C320	1765 7010 9000					250							200
800	320/100	C70 C250 C320	2920 11575 14850	605	1080	250	220	250	1250	27	342	500	150	590	205

1. Friction value can change due to various operation conditions like circumferential speed, contact pressure, thermal load, material of the brake drum and environmental influences. This should be taken in consideration when calculating the brake.
2. Recommandation: necessary braking torque between 30 % and 80 % of the maximum value
3. without thruster, without accessiories

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