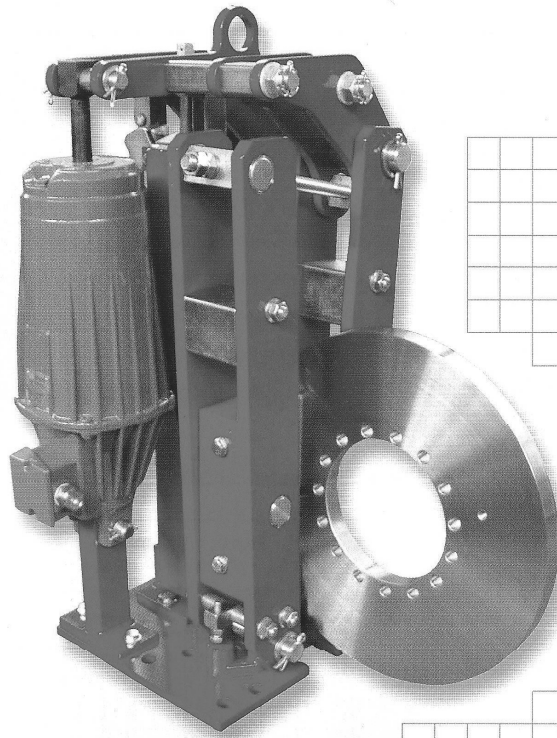
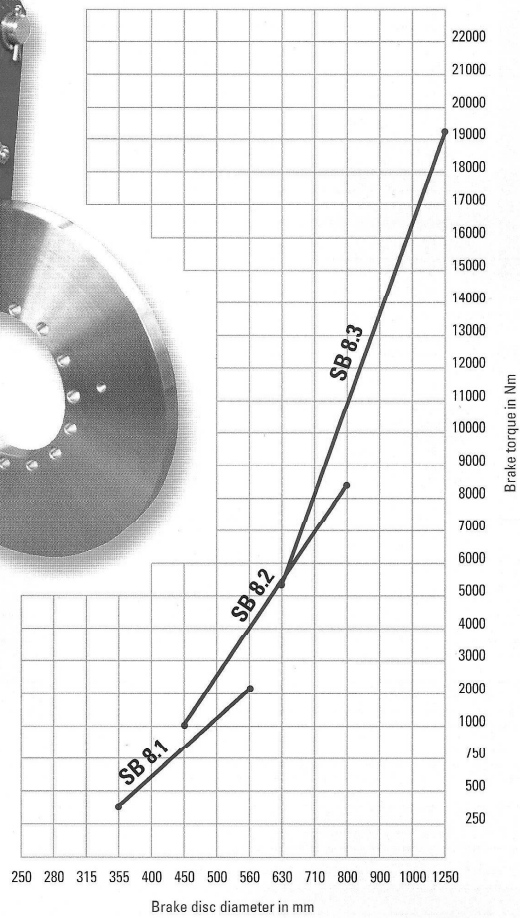


Thruster Disc Brakes SB 8 Series



PINTSCH BUBENZER
is certified according to
DIN EN ISO 9001:2000



Reliable



Compact Design



Robust Construction



Easy Maintenance

Description SB 8



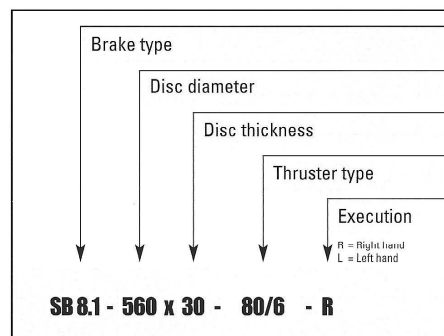
Main Features - Steel Mill Execution

- Very compact dimensions
- Thrusters for high ambient temperatures in steel mills
- Wear resistant linings
- Adjustable, enclosed brake spring with torque scale
- Stainless steel pins and spindles
- Maintenance free bushings in all hinge points
- Right or Left hand design

Options

- Heavy-duty designed automatic wear compensator (dust-proof)
- Heat resistant wiring of limit switches
- Limit switch release control (special execution)
- Limit switch wear control (special execution)
- Limit switch manual release (special execution)
- Manual release lever with or without stop
- Monitoring systems (e.g. VSR)
- Brake discs with hubs or couplings

Ordering Example



Thrusters, Technical Data

Thruster Type	Power (W)	Curr. (A) at 400 V	Weight (kg)
Ed 30/5	200	0,5	14
Ed 50/6	210	0,5	23
Ed 80/6	330	1,2	24
Ed 121/6	330	1,2	39
Ed 201/6	450	1,3	39
Ed 301/6	550	1,4	40

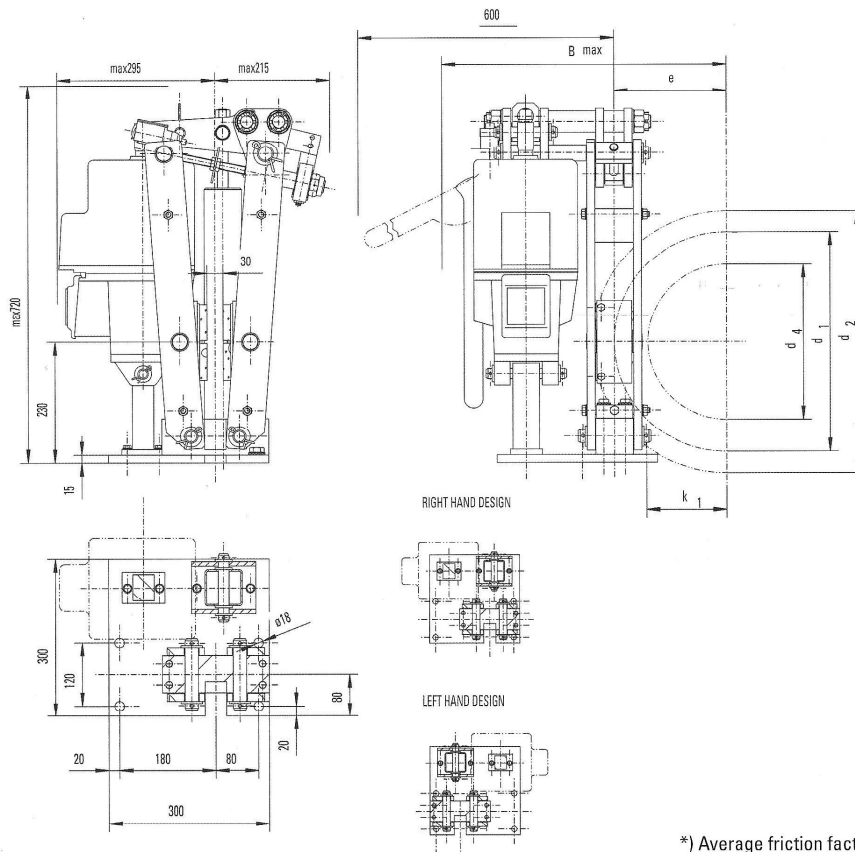
Data supplied by thruster manufacturer, please take higher start current into consideration, fuses to be minimum 2A

Disc Brake SB 8.1

Dimensions and technical data



Rev. 03-09



*) Average friction factor of
standard material combination

For crane brake lay-out use safety factors documented in the FEM 1.001, Section 1

All dimensions in mm
Alterations reserved without notice

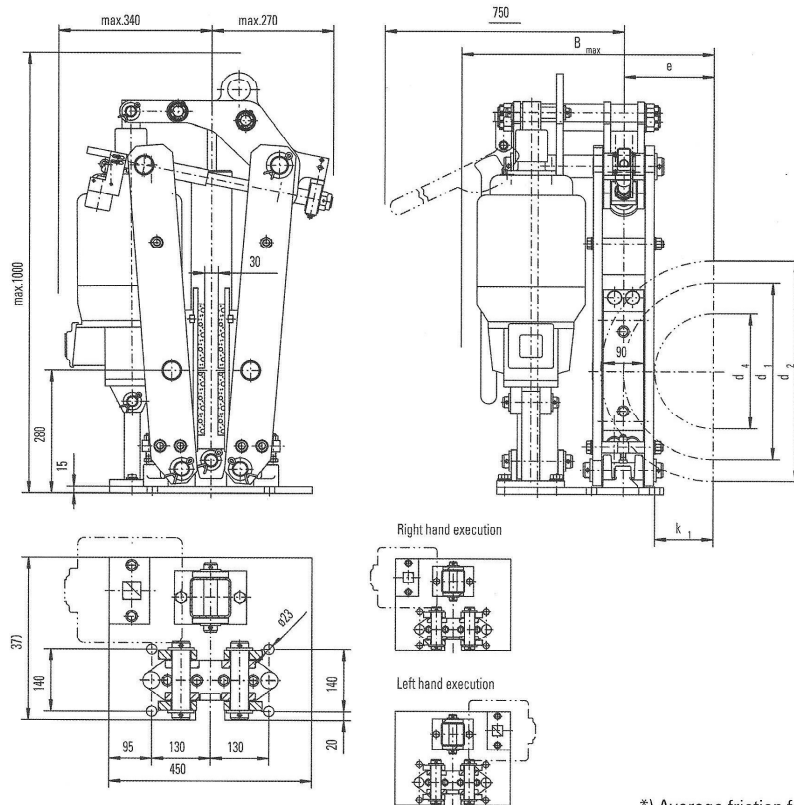
Weight: 78 kg w/o thruster		Thruster type				Ed 30/5	Ed 50/6	Ed 80/6
		Contact force in N				4000	6100	10500
Disc Ø	Friction Ø					Brake torque M _{Br} in Nm		Friction factor μ = 0,4*
d ₂	d ₁	d ₄	e	k ₁	Bmax			
355	275	160	138	78	430	450	650	1150
400	320	205	160	100	457	500	800	1350
450	370	255	185	125	482	600	900	1550
500	420	305	210	150	507	670	1000	1750
560	480	365	240	180	537	770	1150	2000

Disc Brake SB 8.2

Dimensions and technical data



Rev. 10-08



*) Average friction factor of
standard material combination

For crane brake lay-out use safety factors documented in the FEM 1.001, Section 1

All dimensions in mm
Alterations reserved without notice

Weight: 180 kg w/o thruster		Thruster type				Ed 50/6	Ed 80/6	Ed 121/6	Ed 201/6
		Contact force in N				7300	12300	19300	30000
Disc Ø	Friction Ø					Brake torque M_{Br} in Nm		Friction factor $\mu = 0,4^*$	
d_2	d_1	d_4	e	k_1	Bmax				
450	350	200	175	105	540	1000	1700	2700	4200
500	400	250	200	130	575	1200	2000	3100	4800
560	460	310	230	160	605	1400	2300	3600	5500
630	530	380	265	195	640		2600	4100	6400
710	610	460	305	235	680			4700	7300
800	700	550	350	280	725			5400	8400