

AHH (series 400) DRUM BRAKES

with electrohydraulic thruster, increased braking torque

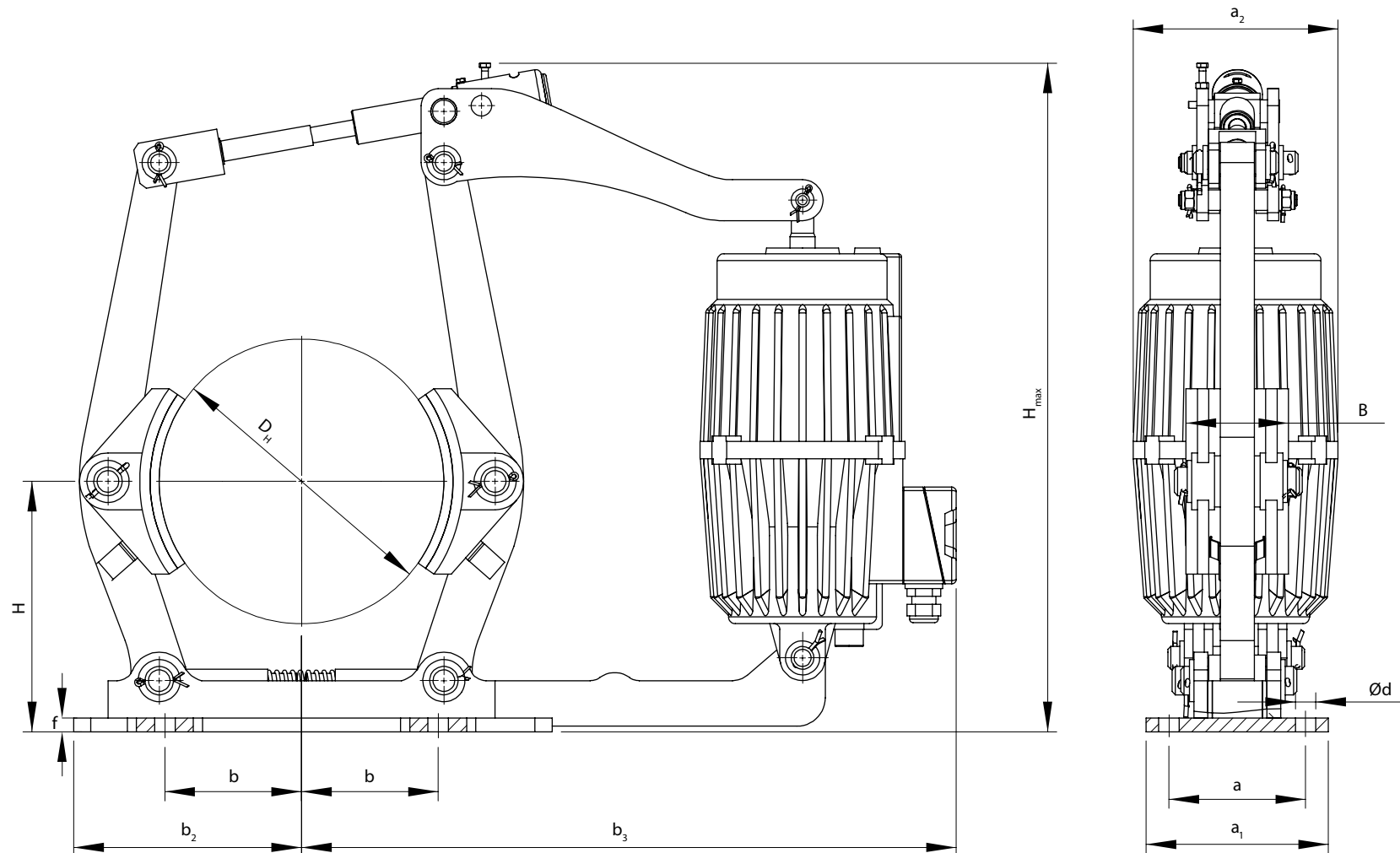
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Example of designation of the AHH brake series 400 with the drum diameter of $D_H=250$ with the ZE 500/50 S500. 400 V AC/50 Hz electrohydraulic thruster, size of 463 (marking see page B1-3):

250-ZE 500/50 S500.400 V AC/50 Hz-463 AHH Drum brake

- in a "K" lining wear compensation version –
250-ZE 500/50 S500.400 V AC/50 Hz-463 AHH-**K** Drum brake





Brake drum diameter D_H	Braking torque M_H	Thruster type	Thruster supply ²⁾ 50 Hz	Brake shoe width B	H	H_{max}	b	b_2	b_3	a	a_1	a_2	d	f	Brake weight with thruster ³⁾	Brake size and type													
mm	Nm	-	V	mm											kg	-													
200	140÷280	ZE500/50 S320 ZEW 500/50 S320 ZEM500/50 S320 ¹⁾	3×230 3×400 3×500	70	180	500	95	190	480	90	130	180	18	10	36	463 AHH													
	225÷430	ZE500/50 S500 ZEW 500/50 S500 ZEM500/50 S500 ¹⁾																											
250	300÷660	ZE500/50 S500 ZEW 500/50 S500 ZEM500/50 S500 ¹⁾															90	220	600	120	210	530	120	160	180	18	12	46	464 AHH
320 (315)	500÷1000	ZE500/50 S500 ZEW 500/50 S500 ZEM500/50 S500 ¹⁾															110	250	690	160	270	605	140	190	180	18	12	65	465 AHH
400	1000÷1800	ZE 1250/60 S800 ZEW 1250/60 S800 ZEM 1250/60 S800 ¹⁾															140	300	790	200	315	700	170	220	210	18	20	105	466 AHH
500	1700÷3200	ZE 1500/60 S1250 ZEW 1500/60 S1250 ZEM 1500/60 S1250 ¹⁾															180	360	850	250	407	840	200	270	210	22	20	148	467 AHH
	2300÷5100	ZE 2500/60 S2000 ZEW 2500/60 S2000 ZEM 2500/60 S2000 ¹⁾																							254			162	
630	3100÷6300	ZE 2500/60 S2000 ZEW 2500/60 S2000 ZEM 2500/60 S2000 ¹⁾															225	450	1035	325	465	925	230	300	254	22	30	238	468 AHH
710	3500÷6800	ZE 3200/80 S2500 ZEW 3200/80 S2500 ZEM 3200/80 S2500 ¹⁾															255	500	1280	370	500	1000	260	320	254	23	30	352	469 AHH
800	3500÷8500	EB 3200/100 C250															280	560	1350	400	580	1075	280	360	254	33	35	425	470 AHH

We are also offering tailor-made special versions.

¹⁾ When utilising the ZEM... type thruster it is necessary to provide electromagnet supply (38 V DC, current intensity of 0,4 A, for ZEM 500, 0,45 A for ZEM 800 and ZEM 1500; 0,8 A for thruster ZEM 2500 and ZEM 3200).

²⁾ Thrusters with different voltage rating and frequency can be made after consultation.

³⁾ Brake weight with oil thruster.