

AHH (series 300) DRUM BRAKES

with an electrohydraulic thruster and outer spring

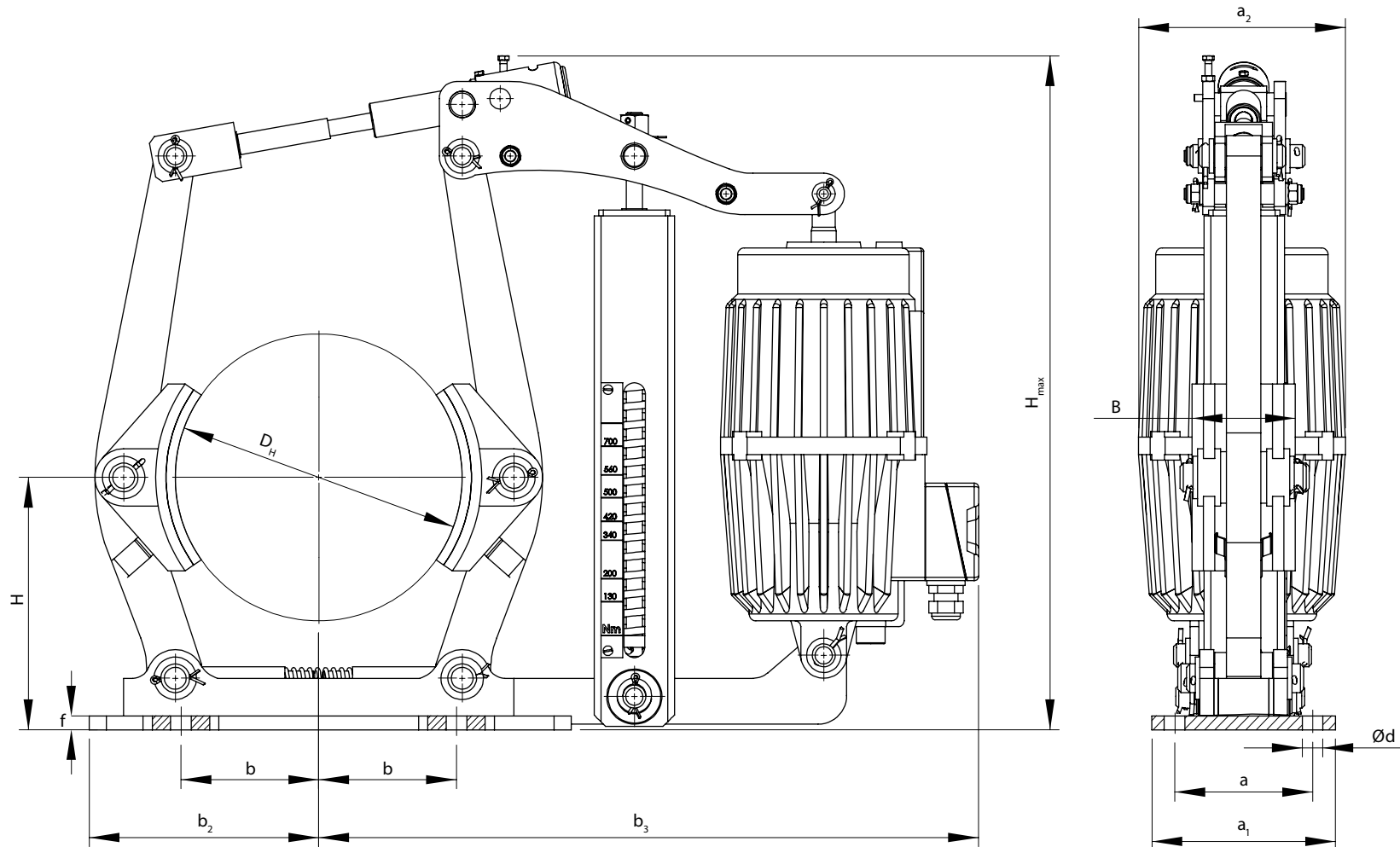
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Example of designation of the AHH brake series 300 with the drum diameter of $D_H=250$ with the ZE 500/50. 400 V AC/50 Hz electrohydraulic thruster, size of 364 (marking see page B1-3):

250-ZE 500/50.400 V AC/50 Hz-364 AHH Drum brake

- in a "K" lining wear compensation version –
250-ZE 500/50.400 V AC/50 Hz-364 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	100÷430	ZE 500/50 ZEW 500/50 ZEM 500/50 ¹⁾	3×230 3×400 3×500	70	180	500	95	190	480	90	130	180	18	10	41	363 AHH
250	100÷660	ZE 500/50 ZEW 500/50 ZEM 500/50 ¹⁾		90	220	600	120	210	530	120	160	180	18	12	50	364 AHH
320 (315)	200÷1000	ZE 500/50 ZEW 500/50 ZEM 500/50 ¹⁾		110	250	690	160	270	605	140	190	180	18	12	67	365 AHH
400	500÷1800	ZE 1250/60 ZEW 1250/60 ZEM 1250/60 ¹⁾		140	300	790	200	315	700	170	220	210	18	20	110	366 AHH
500	300÷3000	ZE 1500/60 ZEW 1500/60 ZEM 1500/60 ¹⁾		180	360	850	250	407	840	200	270	254	22	20	155	367 AHH
	300÷5100	ZE 2500/60 ZEW 2500/60 ZEM 2500/60 ¹⁾													170	
630	500÷6300	ZE 2500/60 ZEW 2500/60 ZEM 2500/60 ¹⁾		225	450	1035	325	465	925	230	300	254	22	30	248	368 AHH
710	500÷6800	ZE 2500/120 ZEW 2500/120 ZEM 2500/120 ¹⁾		255	500	1280	370	500	1000	260	320	254	23	30	360	369 AHH
800	500÷8500	ZE 3200/100 ZEW 3200/100 ZEM 3200/100 ¹⁾		280	560	1350	400	580	1075	280	360	254	33	35	440	370 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.