

EBA SERIES **DRUM BRAKES**

Torque Range

Drum Size (inches)	Torque Range (lb-ft)
6	25 - 110
8	90 - 260
10	115 - 330
13	200 - 750
16	400 - 1250
19	1070 - 2138
23	2120 - 4240
30	4500 - 9000

EBA Series Drum Brakes

AC Electro-Hydraulic Thruster Activated Drum Brakes

The EBA Series Drum Brakes by Pintsch Bubenzer have been designed with safety, longevity, and durability in mind. Ideally suited for today's AC cranes, the AC thruster provides smooth, reliable stopping power for a variety of applications; from Class F Steel Mill Cranes to everyday light duty workshop cranes. The EBA Series has been designed and built to AISE standards for footprint and elevation, so they are "drop-in" replacements for many existing DC coil brakes as well as other drum brake styles. EBA Series brakes are spring-set, thruster-released, fail-safe brakes that incorporate unique design features which provide higher torque ratings in all sizes compared to the competition. The electro-hydraulic thrusters are sealed units that require little to no maintenance and are a 100% duty rated. Available in a variety of sizes and configurations, thrusters offer soft, even stops with significantly less mechanical impact when compared to DC coil brakes. The smooth, even stopping provided by thrusters make the EBA Series brakes ideal solutions for high duty cycle applications where frequent starting and stopping occur.

Thruster Data

Thruster Type	Power (W)	Current @ 460 VAC	Weight (lbs)
ED 12/4	160	0.44	20
ED 23/5	165	0.44	22
ED 30/5	200	0.44	31
ED 50/6	210	0.44	51
ED 80/6	330	1.04	53
ED 121/6	330	1.04	86
ED 301/6	550	1.40	88
ED 301/12	550	1.40	88
Thruster	Power	250 VDC	Weight
EG 50/6	350	1.6	60
EG 80/6	330	1.5	60
EG 121/6	330	1.5	95
EG 301/6	470	2.2	95
EG 301/12	470	2.2	97

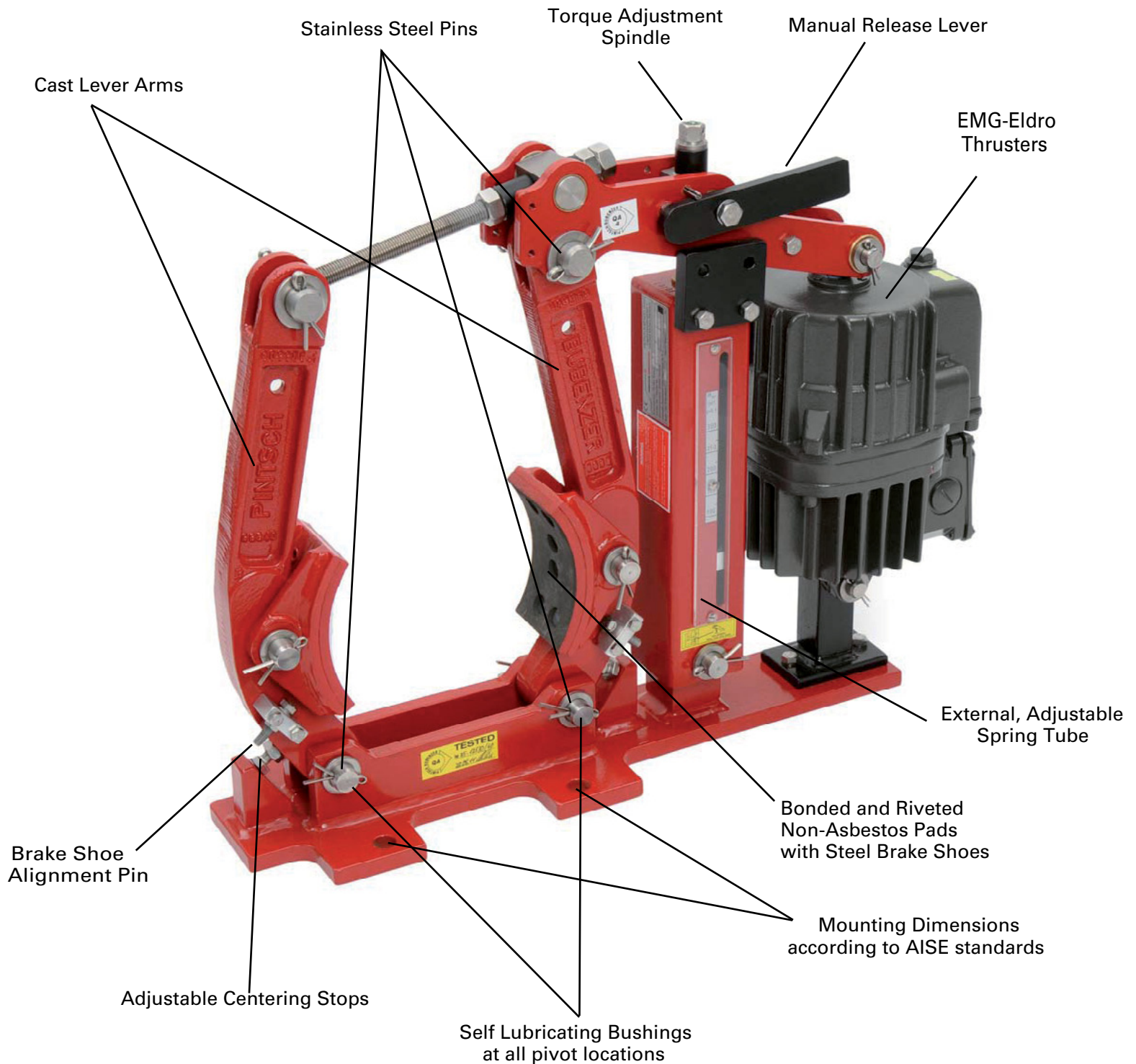
Standard Features

- Stepless, Adjustable, External Torque Spring
- Non-Latching, Manual Release Handle
- Stainless Steel Spindle and Pivot Pins
- Self-Lubricated Bushings
- Steel Brake Shoes with Non-Asbestos Linings
- Adjustable Centering
- Torque Adjustable to 50% of Maximum Rating
- High Duty Cycle - Up to 2000 Cycles Per Hour
- 230/460 VAC - 3 Phase - 60 Hz (Available 110-690 VAC)
- Standard Temperature Rating from -13° to 122° F

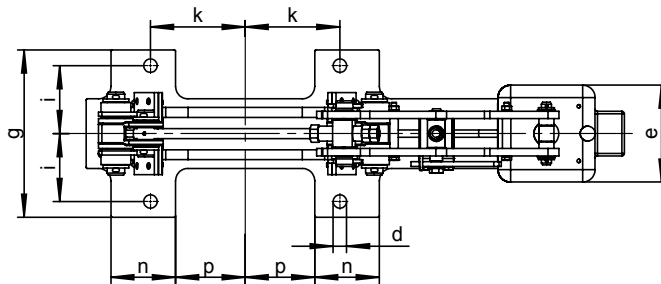
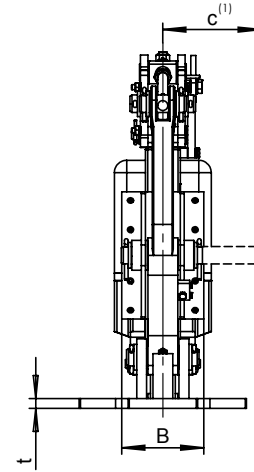
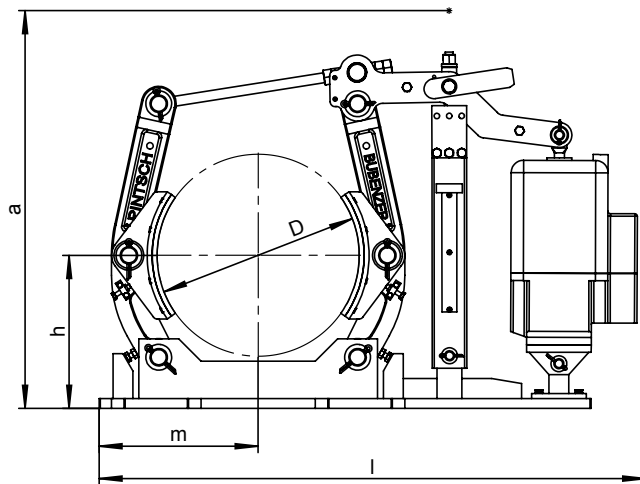
Options

- Adjustable Time Delays for Both Setting and/or Releasing
- Special High and Low Temperature Fluids (-40° to 176° F)
- Automatic Wear Compensator
- Limit Switches for Release, Set, or Manual Release
- Monitoring Systems (VSR-2 / CMB-2)
- DC Thrusters (Available 24-500 VDC)
- Variable Frequency, Foot Pedal Controlled Braking
- Flameproof, Explosion Proof Available (110-1000 VAC)

Standard Features



EBA Series Drum Brakes

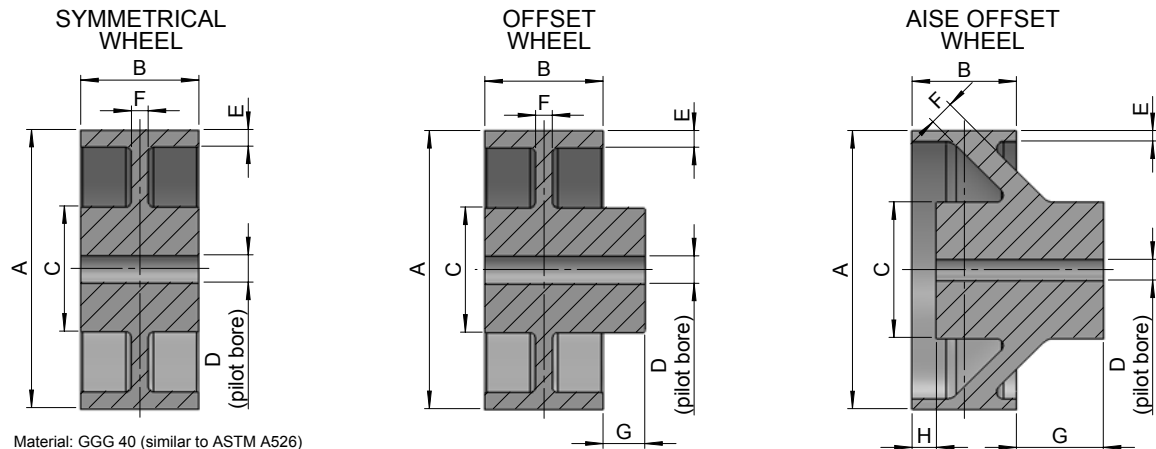


- (1) - Minimum space required for removing brake shoe pin
- (2) - Average friction factor of standard material combination
- (3) - AISE-NEMA does not define a 6-inch drum brake

Alterations reserved without notice

Brake Type	Torque	Drum Size	Shoe Width	Dimensions														Weight	
	μ=0.4 ⁽²⁾	D	B	h	a	c	d	e	g	t	i	k	l	m	n	p	w/o thruster	with thruster	
	lb-ft		(inches)														lbs		
EBA 6" - 12/4 ⁽³⁾	50	6	2.50	5.25	14.75	4.50	0.47	6.00	5.91	0.31	2.25	2.75	19.88	5.31	2.75	2.00	31	48	
EBA 6" - 23/5 ⁽³⁾	110							6.10					21.25					53	
EBA 8" - 23/5	180	8	3.00	7.00	21.00	4.50	0.69	6.10	7.25	0.59	2.88	3.25	26.00	7.09	3.00	2.17	79	101	
EBA 8" - 30/5	260							6.30										110	
EBA 10" - 23/5	230	10	3.50	8.38	21.50	5.50	0.69	6.10	8.00	0.59	3.13	4.00	30.75	8.27	3.50	2.76	95	117	
EBA 10" - 30/5	330				23.25			6.30										230	
EBA 13" - 30/5	400	13	5.50	9.88	28.50	6.50	0.81	6.30	11.00	0.59	4.50	5.75	35.50	11.02	4.33	4.53	179	210	
EBA 13" - 50/6	750							8.66					38.75					230	
EBA 16" - 50/6	800	16	6.50	12.13	29.50	8.00	1.06	8.66	13.25	0.79	5.38	7.50	43.00	12.60	5.12	5.51	241	292	
EBA 16" - 80/6	1250																	294	
EBA 19" - 121/6	2138	19	8.75	13.25	33.25	9.58	1.06	9.50	16.14	0.79	6.50	9.25	51.18	14.58	7.48	7.09	269	355	
EBA 23" - 301/6	4240	23	9.50	15.88	38.50	11.87	1.31	9.50	18.75	0.79	8.00	11.75	53.15	16.93	6.77	9.75	502	589	
EBA 30" - 301/12	9000	30	13.50	20.75	48.75	13.62	1.56	9.50	23.00	1.18	9.50	15.00	71.65	22.05	10.25	9.84	1515	1600	

Brake Wheels



SYMMETRICAL WHEELS

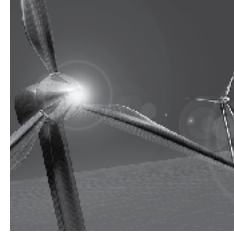
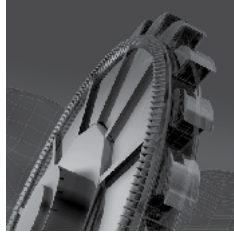
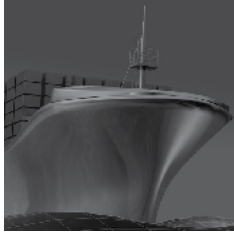
Part #	Diameter "A"	"B"	"C"	"D"	"E"	"F"	Max Bore	Weight (lbs)
WS6	6"	3.25"	3.00"	.59"	.40"	.40"	1.75"	13
WS8	8"	3.75"	4.50"	.79"	.50"	.50"	3.00"	30
WS10	10"	4.25"	4.50"	.98"	.60"	.60"	3.00"	43
WS13	13"	5.25"	6.25"	1.18"	.70"	.70"	4.00"	99
WS16	16"	8.00"	7.25"	1.38"	.80"	.80"	5.25"	187

OFFSET WHEELS

Part #	Diameter "A"	"B"	"C"	"D"	"E"	"F"	"G"	Max Bore	Weight (lbs)
WO6	6"	3.25"	3.00"	.59"	.40"	.40"	1.00"	1.75"	15
WO8	8"	3.75"	4.50"	.78"	.50"	.50"	2.00"	3.00"	38
WO10	10"	4.25"	4.50"	.98"	.60"	.60"	1.50"	3.00"	49
WO13	13"	5.25"	6.25"	1.18"	.70"	.70"	1.25"	4.00"	104
WO16	16"	8.00"	7.25"	1.38"	.80"	.80"	1.50"	5.25"	203

AISE OFFSET WHEELS

Part #	Diameter "A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	Max Bore	Weight (lbs)
WA8	8"	3.25"	3.875"	.75"	.50"	.625"	3.25"	.50"	2.50"	34
WA10	10"	3.75"	4.875"	.75"	.375"	.875"	3.125"	.875"	3.00"	55
WA13	13"	5.75"	6.81"	.875"	.50"	.875"	3.375"	1.25"	4.25"	128
WA16	16"	6.75"	6.81"	1.00"	.59"	1.00"	3.125"	2.265"	4.625"	166
WA19	19"	8.75"	7.00"	1.00"	1.125"	1.25"	3.125"	5.625"	4.625"	234
WA23	23"	11.25"	9.50"	1.00"	1.25"	1.50"	3.25"	5.50"	5.00"	326
WA30	30"	14.25"	13.50"	2.00"	1.625"	1.75"	5.625"	7.125"	5.875"	992



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