

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

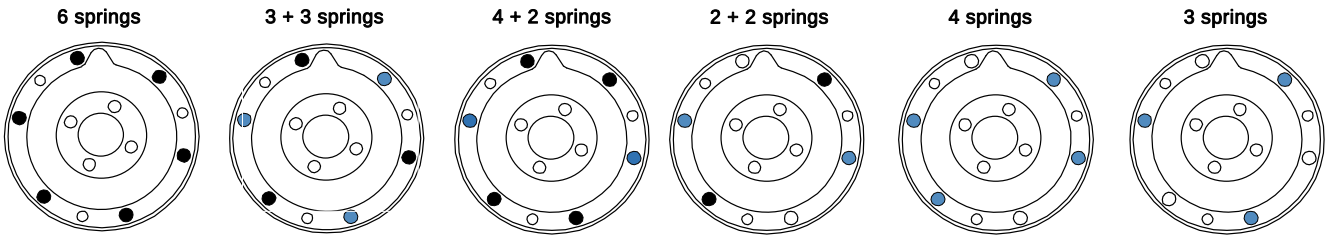
Find the *SEW Eurodrive BE1A* at our website: *Click HERE*

Technical Note

BE Brake – Torques / Spring Combinations / Air Gap

Brake Size	Motor Frame	Working Air Gap (mm) [1]		Brake Disc [2] (mm)	Brake Torque		Number of Springs			Additional Damping Plate / Pole Sheet
		Min	Max	Min	Nm	lb-in	Normal	Blue	White	
BE05	DR71 DR80	0.25	0.6	9	5	44	3	-	-	No
					3.5	31	-	6	-	
					2.5	22	-	4	-	
					1.8	15	-	3	-	
					0.8	7	-	-	3	Yes (x2)
BE1	DR71 DR80 DR90	0.25	0.6	9	10	88	6	-	-	No
					7	62	4	2	-	
					5	44	3	-	-	
BE2	DR80 DR90 DR100	0.25	0.6	9	20	177	6	-	-	No
					14	124	2	4	-	
					10	88	2	2	-	
					7	62	-	4	-	
					5	44	-	3	-	
BE5	DR90 DR100 DR112 DR132	0.25	0.9	9	55	487	6	-	-	No
					40	354	2	4	-	
					28	248	2	2	-	
					20	177	-	-	6	
					14	124	-	-	4	
BE11	DR112 DR132 DR160	0.3	1.2	10	110	974	6	-	-	No
					80	708	2	4	-	
					55	487	2	2	-	
					40	354	-	4	-	
					28	248	-	3	-	Yes
					20	177	-	-	4	

BE05 – BE11:

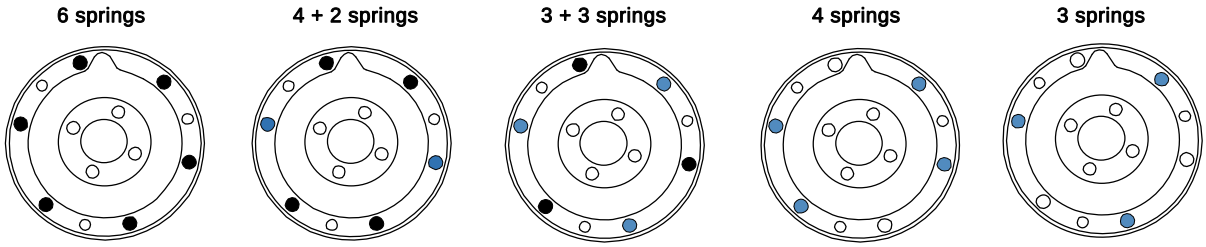


Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

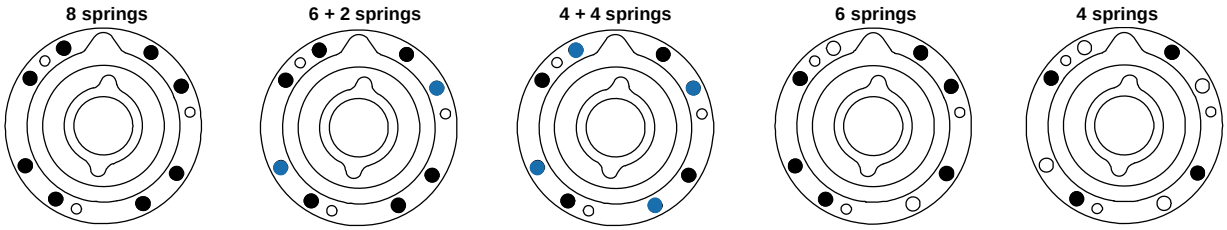
Technical Note

Brake Size	Motor Frame	Working Air Gap (mm) [1]		Brake Disc [2] (mm)	Brake Torque		Number of Springs		Additional Damping Plate / Pole Sheet
		Min	Max	Min	Nm	lb-in	Normal	Blue	
BE20	DR160 DR180	0.3	1.2	12	200	1770	6	-	No
					150	1328	4	2	
					110	974	3	3	
					80	708	3		
					55	487	-	4	Yes
					40	354	-	3	
BE30	DR180 DR200 DR225	0.3	1.2	10	300	2655	8	-	No
					200	1770	4	4	
					150	1328	4	-	
					100	885	-	8	
					75	664	-	6	
BE32*	DR180	0.4	1.2	10	400	3540	4	4	No
					300	2655	4	-	
					200	1770	-	8	
					150	1328	-	6	
					100	885	-	4	Yes
	DR200 DR225	0.4	1.2	10	600	5310	8	-	No
					500	4425	6	2	
					400	3540	4	4	
					300	2655	4	-	
					200	1770	-	8	
					150	1328	-	6	
					100	885	-	4	Yes

BE20:



BE30 – BE122:

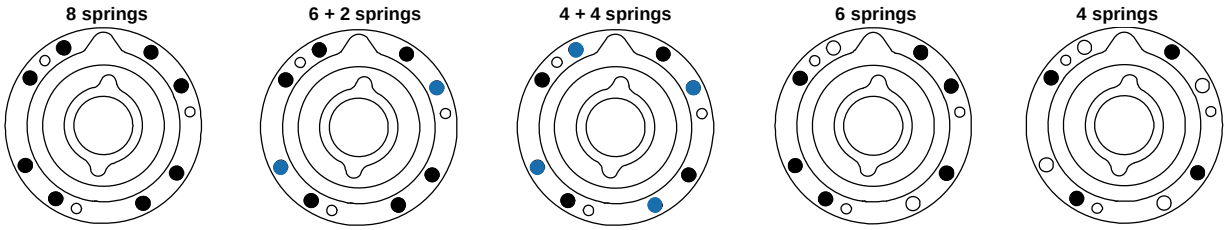


Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Technical Note

Brake Size	Motor Frame	Working Air Gap (mm) [1]		Brake Disc [2] (mm)	Brake Torque		Number of Springs		Additional Damping Plate / Pole Sheet
		Min	Max	Min	Nm	lb-in	Normal	Blue	
BE120	DR315	0.4	1.2	12	1000	8850	8	-	No
					800	7080	6	2	
					600	5310	4	4	
					400	3540	4	-	
BE122*		0.5	1.2	12	2000	17700	8	-	No
					1600	14160	6	2	
					1200	10620	4	4	
					800	7080	4	-	

BE30 – BE122:



* Double Disc Brake

1) For proper operation, the air gap between the damping plate and the pressure plate should not exceed the values shown. See Tech Note B-100 for more information on air gap and brake operation.

2) The brake disc requires a minimal thickness for proper operation. If the actual thickness is less than the value shown in the table above, the brake disc should be replaced.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Technical Note

BE Brake – Component Part Numbers

Brake Size	Brake Springs			Additional Damping Plate / Pole Sheet	
	Normal	Blue	White	Damping Plate	Pole Sheet
BE05	0135017X	13741373	13637789	13740563	-
BE1	0135017X	13741373	-	-	-
BE2	13740245	13740520	-	-	-
BE5	13740709	13740717	13747738	-	-
BE11	13741837	13741845	13747789	13741713**	13746995
BE20	13743228	13742485	-	-	13746758
BE30	01874551	13744356	-	-	-
BE32	01874551	13744356	-	-	13746731
BE120	13608770	13608312	-	-	-
BE122	13608770	13608312	-	-	-

** Included in factory assembly

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP