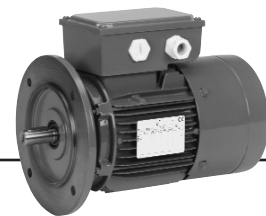


Definite Purpose Totally Enclosed Fan Cooled (TEFC) FCR Series Brakemotor



BRFC

APPLICATIONS:

Designed for manual release, brake torque adjustments, external air gap adjustments and where high cycling is required.
Bulk material handling equipment, conveyors, cranes and hoists.

FEATURES:

- Class F Insulation
- Pressure Die Cast Aluminum Alloy Frame
- Non-Regreasable, Oversized Ball Bearings (56-210 Frame)
- F0 Assembly Position (Conduit Box On Top)
- High Braking Torque (Heavy Duty)
- 180 Volt DC Brake Coil (Rectifier Included)
- 1.15 SF @ 60 Hz, 40°C Ambient, Continuous Duty
- Simple Manual Brake Release Option Available
- Air Gap Can Be Adjusted Easily
- Suitable For Use On The Following:
 - 60 Hz 208-230/460 Volt - 9 Leads
 - 50 Hz 380 Volt (1.0 SF) - 9 Leads
 - 60 Hz 575/600 Volt - 3 Leads (Only On Request)

Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Brake Torque
1/3	1800	208-230/460	56	BR13S2A3	\$708	DS-3LS	1.15	12.7	20	-	1.5-1.3/0.65	4.4
	1200	208-230/460	56	BR13S3A3	\$783	DS-3LS	1.15	12.7	24	-	1.6-1.6/0.8	4.4
1/2	1800	208-230/460	56	BR12S2A3	\$708	DS-3LS	1.15	12.7	22	-	2.1-1.9/1.0	4.4
	1200	208-230/460	56	BR12S3A3	\$783	DS-3LS	1.15	12.7	38	-	2.1-2.0/1.0	7.4
3/4	1800	208-230/460	56	BR34S2A3	\$726	DS-3LS	1.15	12.7	34	-	2.8-2.6/1.3	4.4
	1200	208-230/460	56	BR34S3A3	\$873	DS-3LS	1.15	12.7	40	-	3.2-3.2/1.6	7.4
1	1800	208-230/460	143T	BR1S2AG3	\$1,053	DS-3LS	1.15	14.3	50	77.2	3.3-3.2/1.6	7.4
	1800	208-230/460	56	BR1S2A3	\$799	DS-3LS	1.15	12.7	37	-	3.6-3.4/1.7	7.4
	1200	208-230/460	145T	BR1S3A3	\$1,053	DS-3LS	1.15	14.3	50	71.0	3.6-4.2/2.1	14.8
1-1/2	1800	208-230/460	145T	BR32S2A3	\$1,006	DS-3LS	1.15	14.3	45	77.0	4.6-4.6/2.3	14.8
	1200	208-230/460	145T	BR32S3A3	\$1,374	DS-3LS	1.15	14.3	54	74.8	5.3-5.3/2.7	14.8
2	1800	208-230/460	145T	BR2S2A3	\$1,097	DS-3LS	1.15	14.3	50	80.0	6.2-6.2/3.1	14.8
	1200	208-230/460	182T	BR2S3A3	\$1,350	DS-3LS	1.15	16.6	65	77.0	9.1-9.0/4.5	18.4
3	1800	208-230/460	182T	BR3S2A3	\$1,337	DS-3LS	1.15	16.6	60	78.8	9.3-9.0/4.5	18.4
	1200	208-230/460	215T	BR3S3A3	\$1,838	DS-3LS	1.15	22.8	90	80.0	10.3-10.0/5.0	23.6
5	1800	208-230/460	184T	BR5S2A3	\$1,783	DS-3LS	1.15	16.6	90	83.7	15.5-15.2/7.6	23.6
7-1/2	1800	208-230/460	213T	BR7S2A3	\$2,339	DS-3LS	1.15	20.6	106	86.7	21.0-19.4/9.7	44.3
10	1800	208-230/460	215T	BR10S2A3	\$3,090	DS-3LS	1.15	22.8	172	87.7	28.5-26.6/13.3	59.0
15	1800	208-230/460	254T	BR15S2A3	\$4,244	DS-3LS	1.15	26.4	188	89.6	38.8-36.4/18.2	77.5
20	1800	208-230/460	256T	BR20S2A3	\$4,906	DS-3LS	1.15	26.4	223	90.0	55.0-50.4/25.2	118.0

C-Face Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Brake Torque
1/3	1800	208-230/460	56C	BR13S2AC3	\$783	DS-3LS	1.15	12.7	20	-	1.5-1.3/0.65	4.4
	1200	208-230/460	56C	BR13S3AC3	\$908	DS-3LS	1.15	12.7	24	-	1.6-1.6/0.8	4.4
1/2	1800	208-230/460	56C	BR12S2AC3	\$783	DS-3LS	1.15	12.7	22	-	2.1-1.9/1.0	4.4
	1200	208-230/460	56C	BR12S3AC3	\$916	DS-3LS	1.15	12.7	38	-	2.1-2.0/1.0	7.4
3/4	1800	208-230/460	56C	BR34S2AC3	\$799	DS-3LS	1.15	12.7	34	-	2.8-2.6/1.3	4.4
	1200	208-230/460	56C	BR34S3AC3	\$998	DS-3LS	1.15	12.7	40	-	3.2-3.2/1.6	7.4
1	1800	208-230/460	143TC	BR1S2AGC3	\$1,201	DS-3LS	1.15	14.3	50	77.2	3.3-3.2/1.6	14.8
	1800	208-230/460	56C	BR1S2AC3	\$877	DS-3LS	1.15	12.7	37	-	3.6-3.4/1.7	7.4
	1200	208-230/460	145TC	BR1S3AC3	\$1,201	DS-3LS	1.15	14.3	50	71.0	3.6-4.2/2.1	14.8
1-1/2	1800	208-230/460	145TC	BR32S2AC3	\$1,123	DS-3LS	1.15	14.3	45	77.0	4.6-4.6/2.3	14.8
	1200	208-230/460	145TC	BR32S3AC3	\$1,546	DS-3LS	1.15	14.3	54	74.8	5.3-5.3/2.7	14.8

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BRFCR

APPLICATIONS:

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Bulk material handling equipment, conveyors, cranes and hoists.

C-Face Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Brake Torque
2	1800	208-230/460	145TC	BR2S2AC3	\$1,232	DS-3LS	1.15	14.3	50	80.0	6.2-6.2/3.1	14.8
	1200	208-230/460	182TC	BR2S3AC3	\$1,519	DS-3LS	1.15	16.6	65	77.0	9.1-9.0/4.5	18.4
3	1800	208-230/460	182TC	BR3S2AC3	\$1,519	DS-3LS	1.15	16.6	60	78.8	9.3-9.0/4.5	18.4
	1200	208-230/460	184TC	BR3S3AC3	\$2,064	DS-3LS	1.15	18.4	90	80.0	10.3-10.0/5.0	23.6
5	1800	208-230/460	184TC	BR5S2AC3	\$1,945	DS-3LS	1.15	18.4	90	83.7	15.5-15.2/7.6	23.6
7-1/2	1800	208-230/460	213TC	BR7S2AC3	\$2,487	DS-3LS	1.15	17.5	110	86.7	21.0-19.4/9.7	44.3
10	1800	208-230/460	215TC	BR10S2AC3	\$3,234	DS-3LS	1.15	19.7	176	87.7	28.5-26.6/13.3	59.0
15	1800	208-230/460	254TC	BR15S2AC3	\$4,512	DS-3LS	1.15	22.6	192	89.6	38.8-36.4/18.2	77.5
20	1800	208-230/460	256TC	BR20S2AC3	\$5,170	DS-3LS	1.15	22.6	227	90.0	55.0-50.4/25.2	118.0

C Face Footless

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Brake Torque
1/3	1800	208-230/460	56C	BR13S2ACR3	\$747	DS-3LS	1.15	12.7	20	-	1.5-1.3/0.65	4.4
	1200	208-230/460	56C	BR13S3ACR3	\$848	DS-3LS	1.15	12.7	24	-	1.6-1.6/0.8	4.4
1/2	1800	208-230/460	56C	BR12S2ACR3	\$747	DS-3LS	1.15	12.7	22	-	2.1-1.9/1.0	4.4
	1200	208-230/460	56C	BR12S3ACR3	\$864	DS-3LS	1.15	12.7	38	-	2.1-2.0/1.0	7.4
3/4	1800	208-230/460	56C	BR34S2ACR3	\$765	DS-3LS	1.15	12.7	34	-	2.8-2.6/1.3	4.4
	1200	208-230/460	56C	BR34S3ACR3	\$951	DS-3LS	1.15	12.7	40	-	3.2-3.2/1.6	7.4
1	1800	208-230/460	143TC	BR1S2AGCR3	\$1,123	DS-3LS	1.15	14.3	50	77.2	3.3-3.2/1.6	14.8
	1800	208-230/460	56C	BR1S2ACR3	\$864	DS-3LS	1.15	12.7	37	-	3.6-3.4/1.7	7.4
	1200	208-230/460	145TC	BR1S3ACR3	\$1,123	DS-3LS	1.15	14.3	50	71.0	3.6-4.2/2.1	14.8
1-1/2	1800	208-230/460	145TC	BR32S2ACR3	\$1,084	DS-3LS	1.15	14.3	45	77.0	4.6-4.6/2.3	14.8
	1200	208-230/460	145TC	BR32S3ACR3	\$1,460	DS-3LS	1.15	14.3	54	74.8	5.3-5.3/2.7	14.8
2	1800	208-230/460	145TC	BR2S2ACR3	\$1,157	DS-3LS	1.15	14.3	50	80.0	6.2-6.2/3.1	14.8
	1200	208-230/460	182TC	BR2S3ACR3	\$1,428	DS-3LS	1.15	16.6	65	77.0	9.1-9.0/4.5	18.4
3	1800	208-230/460	182TC	BR3S2ACR3	\$1,428	DS-3LS	1.15	16.6	60	78.8	9.3-9.0/4.5	18.4
	1200	208-230/460	184TC	BR3S3ACR3	\$1,937	DS-3LS	1.15	18.4	90	80.0	10.3-10.0/5.0	23.6
5	1800	208-230/460	184TC	BR5S2ACR3	\$1,864	DS-3LS	1.15	18.4	90	83.7	15.5-15.2/7.6	23.6
7-1/2	1800	208-230/460	213TC	BR7S2ACR3	\$2,487	DS-3LS	1.15	17.5	110	86.7	21.0-19.4/9.7	44.3
10	1800	208-230/460	215TC	BR10S2ACR3	\$3,234	DS-3LS	1.15	21.0	176	87.7	28.5-26.6/13.3	59.0
15	1800	208-230/460	254TC	BR15S2ACR3	\$4,512	DS-3LS	1.15	22.6	192	89.6	38.8-36.4/18.2	77.5
20	1800	208-230/460	256TC	BR20S2ACR3	\$5,170	DS-3LS	1.15	22.6	227	90.0	55.0-50.4/25.2	118.0