

marathon®



FARM DUTY MOTORS

FEB 2025 | NORTH AMERICA | BROCHURE

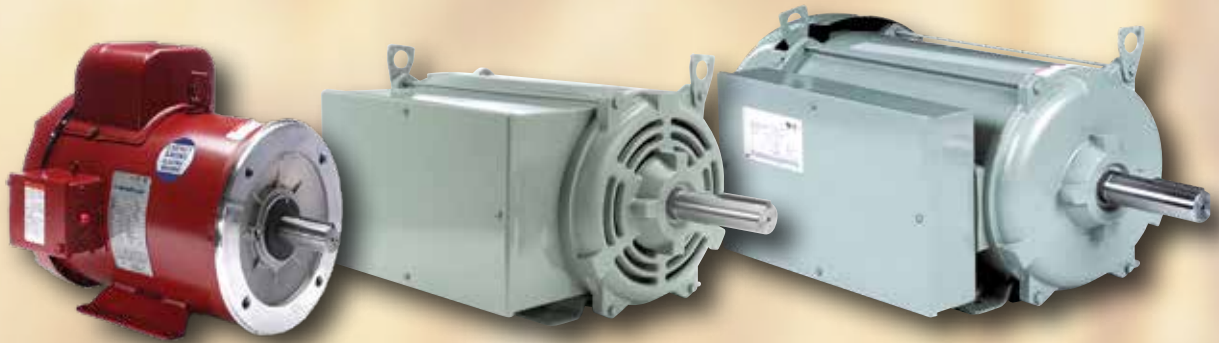
KEEP YOUR WORKDAY MOVING WITH MARATHON® FARM DUTY MOTORS

When you've got a job to do, the last thing you need is equipment that can't keep up.

That's where **Marathon® farm duty motors** come in—built to keep performance through even the toughest jobs in agriculture.

Our motors are designed to handle the heavy loads, constant demands, and challenging conditions that come with farm life.

Whether you're running high-starting-load machines or tackling severe-duty applications, **Marathon®** delivers unmatched reliability and versatility to keep your equipment running—so you can keep your focus on what matters most.



Why Choose Marathon® Farm Duty Motors?

- **Specifically designed for Agriculture**

Every motor is carefully crafted with the agricultural industry in mind, offering dependable performance that stands up to the toughest environments.

- **Trusted Innovation, Backed by Feedback**

We've listened to our customers and engineered solutions that go above and beyond expectations. With specialty OEM designs, stock replacement motors, and next-gen equipment solutions, you've got exactly what you need to get the job done right.

- **Durability You Can Count On**

Just like you, Marathon® motors aren't afraid of hard work. No matter the task, they deliver powerful performance all day long—because when your motor doesn't quit, neither do you.

- **Easy to Fit, Simple to Replace**

Need an upgrade? Marathon® motors are smartly designed to make replacements fast and easy, so unexpected downtime doesn't slow you down

Marathon® Motors Work as Hard as You Do

Your day doesn't end when the going gets tough—and neither should your equipment. With Marathon®, you're not settling for just any motor. You're choosing a reliable motor that's built to keep up with your workload, your goals, and your success.

Marathon® farm duty motors—powered to keep your work moving forward.

Contact us today to find the right motor solution for your farm.



FARM DUTY / AGRICULTURE, HIGH TORQUE MOTORS

SINGLE PHASE, TEFC

FEATURES

- Shaft end mechanically locked on C-face models
- Ball bearings
- 1.15 service factor (except as noted)
- Capacitor start design for high starting torque
- Capacitor start/capacitor run design for higher efficiency, as noted
- Low temperature manual reset thermal protector
- Totally enclosed and fully gasketed construction for dirty environments
- Condensate drains
- Shaft slinger
- UL®* recognized and CSA®* certified



RIGID BASE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
2	1800	115/208-230	182T	—	131541.00	√	72.0	24.8/13.0-12.4	65	14.46	
3	1800	230	184T	—	131542.00	√	75.5	19.0	86	16.46	
5	1800	230	184T	—	131543.00	√	82.5	20.5	98	17.46	
7 1/2	1800	230	215T	—	140707.00	√	85.5	32.0	157	20.21	
10	1800	230	215T	—	140706.00	√	86.5	40.0	155	20.71	



C-FACE FOOTED (RIGID BASE)

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
3	1800	230	184TC	—	131994.00		75.5	19.0	107	16.47	
5	1800	230	184TC	—	131995.00	√	82.5	20.5	100	17.47	

FARM RATED® MOTORS

EXTRA HIGH TORQUE, SINGLE PHASE, TEFC

C-FACE ROUND BODY

FEATURES

- High starting torque
- 1.00 service factor (except as noted)
- Ball bearings
- Class B or F insulation, as noted
- Reversible
- Removable condensate drain plugs
- Manual reset thermal protector
- All parts are corrosion resistant
- UL recognized and CSA certified



C-FACE (ROUND BODY)

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
3	1800	230	184TC	—	131603.00	¶	75.5	19.0	107	16.44	F, 2, 13
5	1800	230	184TC	—	131602.00		82.5	20.5	107	17.44	F, 1, 13

√: Available ¶: Stocked components, Ready To Built
Blue shaded areas are cast iron frames.

Blank: Build Up rating, subject to lead time

*See back cover page for attribution.

FARM DUTY / AGRICULTURE, EXTRA-HIGH TORQUE CHORE MOTOR

SINGLE PHASE, TEFC, RIGID BASE

FEATURES

- Class F insulation
- 1.15 Service factor (except as noted)
- Ball bearings
- 300% and greater starting torque for hard-to-start applications
- Totally enclosed and fully gasketed for dirty environments
- 213/215TZ models have 1-1/8" shaft, 182TZ model has 7/8" shaft
- Manual reset thermal protector
- Condensate drains
- Shaft slinger
- UL®* recognized and CSA®* certified



RIGID BASE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
2	1800	115/208-230	182T	–	131541.00	√	72.0	24.8/13.0-12.4	65	14.46	
3	1800	230	184T	–	131542.00	√	75.5	19.0	86	16.46	
5	1800	230	215T	–	141433.00		82.5	22.6	125	18.71	
	1800	230	215TZ	–	141432.00		82.5	22.6	153	18.71	
7 1/2	1800	230	215T	–	141434.00	√	85.5	30.5	152	21.09	
	1800	230	215TZ	–	141427.00	√	85.5	30.5	159	21.09	
10	1800	230	215T	–	140414.00	√	86.5	40.0	156	20.71	

C-FACE FOOTED (RIGID BASE)

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
3	1800	230	184TC	–	131994.00		75.5	19.0	105.0	16.47	
5	1800	230	184TC	–	131995.00	√	82.5	20.5	105.0	17.47	

√: Available ¶: Stocked components, Ready To Built Blank: Build Up rating, subject to lead time
Blue shaded areas are cast iron frames.

TOBACCO BARN MOTORS

FEATURES

- Drip-proof airover designs
- Class H insulation for high ambient conditions
- 80° C ambient rated
- 120 inch leads
- Oversized double sealed bearings
- 1/4-20 tapped hole at end of shaft



SINGLE PHASE - DPAA - RIGID BASE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
7 1/2	1800	230	215TVZ	–	140830.00	√	84.0	34.5	125	18.04	
10	1800	230	215TVZ	–	140816.00	√	82.5	44.0	150	20.65	

√: Available ¶: Stocked components, Ready To Built Blank: Build Up rating, subject to lead time

*See back cover page for attribution.

CROP DRYER, SINGLE PHASE MOTORS

DRIPPROOF/AIR OVER, RIGID BASE

APPLICATIONS

Crop dryers with air over/fan on shaft designs.

FEATURES

- Double sealed ball bearings
- Continuous duty
- Class F insulation system
- Thermostats for thermal overload protection (auto reset protector on Z304)
- 34" long leads for ease of installation
- Keyed shafts with 1/4"-20 UNC tapped hole in end
- Capacitors included, shipped loose on catalog Z307 and Z308, mounted on all other models
- Extra nameplate included, loose, for remote mounting



SINGLE PHASE OPEN/AIR OVER RIGID BASE

HP	RPM	VOLTS	FRAME	OVERLOAD	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
5-7	3600	230	182TZ	TSTAT	-	131847.00	√	81.0	26.8-35.27	94	16.44	
7 1/2-10	3600	230	182TZ	TSTAT	-	131848.00	√	82.5	31.0-42.0	98	16.44	
	3600	230	184TZ	TSTAT	-	132637.00		82.5	31.0-40.0	98	16.82	
10-15	3600	230	215TVZ	TSTAT	-	141084.00		84.0	40.0-59.0	159	20.08	
	3600	230	215TZ	TSTAT	-	140640.00	√	85.0	39.5-61.5	162	20.42	
	3600	230	215TZ	TSTAT	-	141385.00		84.5	40.4-57.5	162	20.85	
16	1800	230	256TZ	NONE	-	851034.00	√	91.0	70.0-61.0	308	28.65	



SINGLE PHASE TEAO RIGID BASE

HP	RPM	VOLTS	FRAME	OVERLOAD	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
5-7	3600	230	182TZ	TSTAT	-	132391.00		83.0	20.8-28.6	98	17.44	
7.5-10.5	3600	230	182TZ	TSTAT	-	132392.00		85.5	30.0-38.0	108	17.44	
10-15	3600	230	215TZ	TSTAT	-	141220.00		82.5	45.8-68.5	136	18.17	



SINGLE PHASE TEFC RIGID BASE

HP	RPM	VOLTS	FRAME	OVERLOAD	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
10	1800	230	215TZ	None	-	141311.00	√	86.5	40.0	192	21.72	
15	1800	208-230	256TZ	None	-	851150.00	√	89.0	64.5-58.0	308	28.91	

√: Available ¶: Stocked components, Ready To Built Blank: Build Up rating, subject to lead time
 Blue shaded areas are cast iron frames.
 Catalog numbers (Cat No.) highlighted in bold blue are premium efficient.

CROP DRYER, THREE PHASE MOTORS

OPEN/AIR OVER, RIGID BASE

APPLICATIONS

Crop dryers with air over/fan on shaft designs where three phase power is available.

FEATURES

- Ball bearings
- Thermostats for thermal overload protection
- 34" long leads exit elbow connector in bracket
- Keyed shafts with 1/4"-20 UNC tapped hole in end
- Extra nameplate included, loose, for remote mounting
- Continuous duty
- Class F insulation



THREE PHASE OPEN/AIR OVER / DPAO

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
5-7	3600	230/460	184TZ	B131849	182TTDBD6014		86.5	12.6/6.3	100	13.00	
7-10	3600	230/460	184TZ	B131850	184TTDBD6014	√	88.5	17.8/8.9	107	14.00	



THREE PHASE TOTALLY ENCLOSED AIR OVER / TEAO RIGID BASE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	OVER LOAD	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
5-7	3600	208-230/460	184TZ	-	132393.00		TSTATS	89.5	13.1-16.5/8.3 18.3-16.5/8.25	100	13.00	
7-10	3600	208-230/460	184TZ	-	132394.00		TSTATS	85.5	19.7-24.8/12.4 28.1-24.8/12.4	107	14.00	

CATFISH POND MOTORS

APPLICATIONS

Designed for outdoor pond aeration applications

FEATURES

- High torque designs
- Epoxy painted for corrosion protection
- Double sealed ball bearings
- Drain holes provided to purge condensation



THREE PHASE TOTALLY ENCLOSED AIR OVER / TEAO RIGID BASE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	OVER LOAD	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
10	1800	230	215TC	-	140833.00		MANUAL	91.7	26.8/13.4	182	19.71	

√: Available ¶: Stocked components, Ready To Build Blank: Build Up rating, subject to lead time
Catalog numbers (Cat No.) and Model numbers highlighted in bold blue are premium efficient.

CROP DRYER CENTRIFUGAL FAN

SINGLE PHASE, TEFC, RIGID BASE

FEATURES

- Capacitor start/capacitor run design for high starting torque and low amps
- Ball bearings, mechanically locked on shaft end
- Heavy gauge steel frame and base
- 1.15 service factor (unless otherwise noted)
- UL®* recognized and CSA®* certified
- Thermostats for thermal overload protection
- Shaft 1" longer than NEMA®* standard for extra clearance



RIGID BASE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	F.L. AMPS	SERVICE FACTOR	WT.	"C" DIM.	FOOT NOTES
3	1800	208-230	182T		132640.00	√	14.4-13.4	1.15	81	14.96	
5	1800	230	184TZ		132639.00		23.0	1.00	104	18.46	
7 1/2	1800	230	215TZ		141392.00		30.0	1.00	159	22.97	
10	3600	208-230	215T		141394.00		44.0-41.5	1.00	145	19.84	
	1800	230	215TZ		141393.00	√	40.0	1.00	158	22.97	

√: Available 1- Stocked components, Ready To Built Blank: Build Up rating, subject to lead time
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GRAIN DRYER / CENTRIFUGAL FAN MOTORS

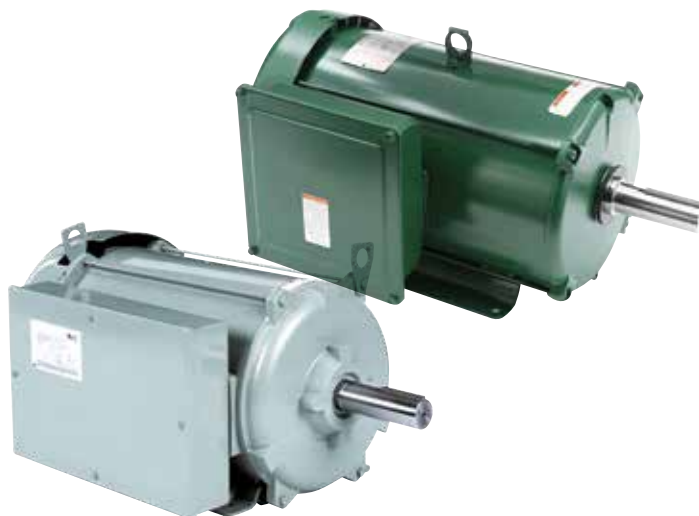
SINGLE AND THREE PHASE, RIGID BASE

FEATURES

- NEMA Premium®* and EPEAct efficiency
- Rodent screens (ODP only)
- Re-greasable bearings
- Cast Iron construction
- 1" longer shaft than NEMA standard
- Inverter duty insulation system
- UL®* Recognized and CSA ®*certified

ADDITIONAL FEATURES

- Shaft seals both ends
- Epoxy painted
- Normally closed T-stats



SINGLE PHASE, (TEFC), RIGID BASE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
7 1/2	1800	230	215TZ	—	141437.00		85.5	30.5	172	22.47	
10	1800	230	215TZ	—	141311.00	√	86.5	40.0	192	21.72	
15	1800	208-230	256TZ		851150.00	√	89.0	64.5-58.0	308	28.65	

THREE PHASE, DRIPPROOF, RIGID BASE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
10	1800	230/460	215TZ	Y313	215TTDBD6327	√	91.7	25.4/12.7	136	18.31	
15	1800	230/460	254TZ	Y315	254TTDBD6327		93.0	37.5/18.8	320	23.31	
	1800	230/460	254TZ	Y316	254TTDCD6327		93.0	37.5/18.8	332	23.64	
20	1800	230/460	256TZ	Y318	256TTDCD6327		93.0	48.5/24.3	384	25.22	
	1800	230/460	256TZ	Y317	256TTDBD6327		93.0	48.5/24.3	325	24.88	
25	1800	230/460	284TZ	Y320	284TTDCD6327		93.6	62.5/31	479	26.71	
25	1800	230/460	284TZ	Y319	284TTDBD6327		93.6	62.5/31.0	310	26.60	
30	1800	230/460	286TZ	Y322	286TTDCD6327		94.1	73/36.5	494	28.09	
	1800	230/460	286TZ	Y321	286TTDBD6327	√	94.1	73.0/36.5	416	27.98	

THREE PHASE, TEFC, RIGID BASE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	NOM. EFF.	F.L. AMPS	WT.	"C" DIM.	FOOT NOTES
3	1800	230/460	182TZ	Y007	182TTFC6327		89.5	8.0/4.0	100	16.20	
5	1800	230/460	184TZ	Y009	184TTFC6327		89.5	13.0/6.5	107	17.20	
7 1/2	1800	230/460	213TZ	Y011	213TTFC6327		91.7	19.0/9.5	120	19.53	
10	1800	230/460	215TZ	Y013	215TTFC6327		91.7	25.0/12.5	320	21.03	
15	1800	230/460	254TZ	Y015	254TTFC6327		92.4	37.5/18.8	325	25.15	
20	1800	230/460	256TZ	Y017	256TTFC6327		93.0	48.5/24.2	310	26.89	
25	1800	230/460	284TZ	Y019	284TTFC6327		93.6	60.0/30.0	412	27.64	
30	1800	230/460	286TZ	Y021	286TTFC6327		93.6	71.0/35.5	495	29.14	

√: Available ¶: Stocked components, Ready To Built Blank: Build Up rating, subject to lead time

Blue shaded areas are cast iron frames.

Catalog numbers (Cat No.) highlighted in bold blue are premium efficient.

*See back cover page for attribution.

GENERAL PURPOSE MOTORS

SINGLE PHASE, (NEMA®* SERVICE FACTOR), DRIPPROOF

FEATURES

- Heavy gauge steel frame and base
- Ball bearings
- Capacitor start / capacitor run designs
- Capacitor start / induction run designs as noted
- Service factor, as noted
- UL®* Recognized and CSA®* certified



RIGID BASE

HP	RPM	VOLTS	FRAME	OVER LOAD	CAT. NO.	MODEL NO.	STOCK	FL. AMPS	WT.	"C" DIM.	FOOT NOTES
1	1200	115/230	182T	NONE	I141A	182TCDW17084		15.6/7.8	83	14.19	2, 13, 18
2	1800	115/208-230	182T	NONE	—	131515.00	√	24.5/13-12.4	56	13.19	2, 13, 18
	1800	115/208-230	182T	MANUAL	—	131536.00	√	24.5/13-12.4	63	13.19	2, 13, 19
	1800	115/208-230	182T	AUTO	—	131535.00		24.5/13-12.4	63	13.19	2, 13, 20
3	3600	115/208-230	182T	NONE	—	131636.00	√	28/15.2-14	74	14.18	1, 13, 18
	1800	115/208-230	184T	NONE	—	131534.00	√	33.8/18-16.9	69	14.19	2, 13, 19
	1800	115/230	184T	MANUAL	—	131561.00	¶	33.8/16.9	76	14.19	2, 13, 19
	1800	115/230	184T	AUTO	—	131530.00		33.8/16.9	69	14.19	2, 13, 19
	1200	230	215T	NONE	I144	215TBDW7079	¶	16.0	134	18.05	1, 13, 18
5	3600	208-230	184T	NONE	—	131616.00	√	24.0-22.0	84	14.69	1, 13, 18
	1800	208-230	184T	NONE	—	131537.00	√	23.0-21.0	83	14.69	1, 13, 18
	1800	208	184T	NONE	—	131560.00	√	23.2	82	14.69	1, 13, 18
	1800	208-230	184T	MANUAL	—	131622.00	√	23.0-21.0	82	14.69	2, 13, 18
7 1/2	3600	208-230	184T	TSTAT	—	132044.00	√	34.0-31.0	110	16.69	2, 13, 19
	3600	208-230	213T	NONE	I105B	213TBDBD7001		33.5-30.5	115	18.04	
	1800	230	215T	NONE	—	140155.00	√	40.5	116	17.26	2, 13, 18
	1800	230	215T	NONE	I115A	215TBDBD7026	√	33.5	115	18.14	
10	3600	208-230	215T	NONE	—	140681.00	√	41.5-37.0	135	18.05	2, 13, 19
	1800	230	215T	NONE	—	141430.00	√	39.0	159	14.79	2, 13, 19

This list is a partial extraction from the full catalog. Please consult the full catalog for complete details and offerings.

√: Available ¶: Stocked components, Ready To Built Blank: Build Up rating, subject to lead time
Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet the USA efficiency legislations.

*See back cover page for attribution.

GENERAL PURPOSE MOTORS

SINGLE PHASE, TOTALLY ENCLOSED

FEATURES

- Heavy gauge steel constructions
- Ball bearings
- Capacitor start / capacitor run designs
- Service factor, as noted
- UL®* Recognized and CSA®* certified



RIGID BASE

HP	RPM	VOLTS	FRAME	OVER LOAD	CAT. NO.	MODEL NO.	STOCK	FL. AMPS	WT.	"C" DIM.	FOOT NOTES
3	3600	115/208-230	182T	NONE	–	131637.00	√	26.8/14.4-13.4	78	14.96	2, 13, 18
5	3600	230	184T	NONE	–	131549.00	√	19.8	93	16.96	2, 13, 18
7 1/2	3600	208-230	213T	NONE	–	140684.00	√	36.0-32.0	120	18.34	2, 13, 17
10	3600	208-230	215T	NONE	–	140685.00	√	44.0-41.5	138	19.84	2, 13, 17

This list is a partial extraction from the full catalog. Please consult the full catalog for complete details and offerings.

FEATURES

- Ball bearings mechanically locked on shaft end
- Suitable for horizontal or vertical mounting
- Capacitor start / capacitor run designs
- Capacitor start / induction run designs as noted
- Will accept brake kits, see accessory section (except as noted)
- Heavy gauge steel constructions
- Service factor, as noted
- UL Recognized and CSA certified



C-FACE FOOTED (RIGID BASE)

HP	RPM	VOLTS	FRAME	OVER LOAD	CAT. NO.	MODEL NO.	STOCK	FL. AMPS	WT.	"C" DIM.	FOOT NOTES
3	1800	230	184TC	MANUAL	–	131857.00	√	12.8	104	17.61	2, 13, 18
5	1800	230	184TC	MANUAL	–	131633.00	√	23.0	86	16.97	2, 13, 17

This list is a partial extraction from the full catalog. Please consult the full catalog for complete details and offerings.

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APPLICATION CONSIDERATIONS

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