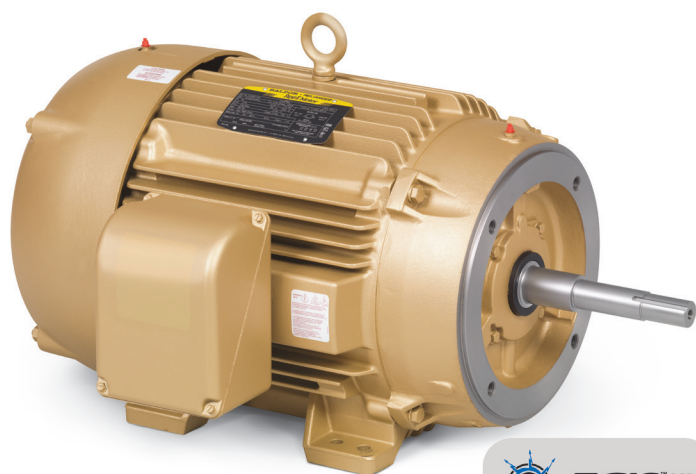


PRODUCT NOTE

# Inverter-Duty™ JM close-coupled pump motors with AEGIS® bearing protection ring



Baldor-Reliance® close coupled pump motors are designed and manufactured for pump applications where adjustable speed drives are utilized. The need for proper grounding is extremely important in extending the life of the motor and pump.

**BALDOR • RELIANCE**

**Applications**

- Commercial pumps
- Pairing with speed drive
- Industrial pumps
- General purpose pumps
- Industrial pumps
- Food and beverage
- Agricultural

**Ratings**

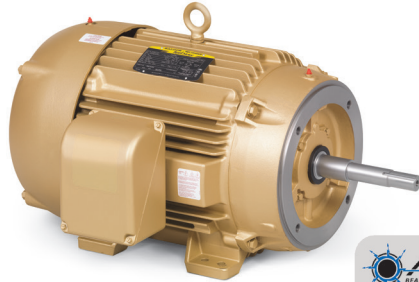
- 1 through 50 Hp (143JM-326JM)
- TEFC (IP44) or ODP (IP23)
- Three phase
- 230/460 volts, usable at 208 volts
- 1800 or 3600 RPM

**Standard Features**

- AEGIS® bearing protection ring for bearing current mitigation on DE retainer ring
- Dynamically balanced rotor to reduce noise and increase bearing life
- Motors have a corrosion-resistant finish
- Class H insulation for increased protection on inverter use
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- AEGIS® SGR guarantees the prevention of bearing damage caused by drive-induced currents
- Oversized ball bearings for the pump industry
- Locked DE bearing to allow mounting in any configuration
- Designed for longevity with a 3-year warranty

## Close-coupled pumps, three phase, foot mounted, TEFC with internal AEGIS Bearing Protection Ring

1 thru 50 Hp

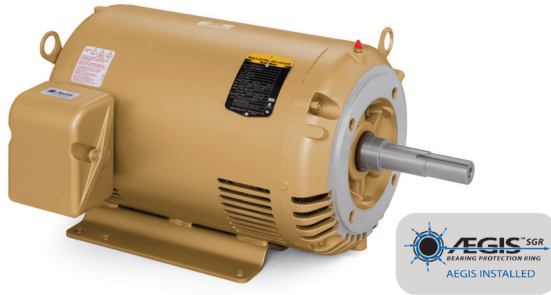


Hp	RPM	NEMA frame	Cat. no.	"C" dim.	Aprx. wt. (lb)	FL eff.	Voltage	FL amps
<b>Totally enclosed fan cooled</b>								
1	1800	143JM	EJMM3546T-G	15.41	37	85.5	230/460	1.5
1-1/2	3600	143JM	EJMM3550T-G	15.41	38	86.5	230/460	1.9
	1800	143JM	EJMM3554T-G	15.41	41	84	230/460	2.2
2	3600	145JM	EJMM3555T-G	15.41	41	85.5	230/460	2.5
	1800	145JM	EJMM3558T-G	15.41	45	86.5	230/460	2.9
3	3600	182JM	EJMM3610T-G	16.91	60	86.5	230/460	3.6
	1800	182JM	EJMM3611T-G	18.06	76	89.5	230/460	4.2
5	3600	184JM	EJMM3613T-G	18.06	81	88.5	230/460	5.9
	1800	184JM	EJMM3615T-G	19.56	93	89.5	230/460	6.7
7-1/2	3600	213JM	EJMM3709T-G	19.76	124	89.5	230/460	9
	1800	213JM	EJMM3710T-G	20.89	134	91.7	230/460	9.4
10	3600	215JM	EJMM3711T-G	19.76	124	90.2	230/460	11.8
	1800	215JM	EJMM3714T-G	22.38	165	91.7	230/460	12
15	3600	254JM	EJMM2394T-G	25.30	260	91	230/460	17.5
	1800	254JM	EJMM2394T-G	25.30	265	92.4	230/460	18.1
20	3600	256JM	EJMM2333T-G	25.30	274	91	230/460	23
	1800	256JM	EJMM4106T-G	25.30	308	93	230/460	24
25	3600	284JM	EJMM2334T-G	26.96	265	91.7	230/460	29
	1800	284JM	EJMM4107T-G	26.96	437	93.6	230/460	31
30	3600	286JM	EJMM4103T-G	26.96	299	91.7	230/460	34
	1800	286JM	EJMM4108T-G	28.64	437	93.6	230/460	38
40	3600	324JM	EJMM4109T-G	30.64	470	92.4	230/460	45
	1800	324JM	EJMM4110T-G	30.64	578	94.1	230/460	48
50	3600	326JM	EJMM4114T-G	30.65	575	93	230/460	56
	1800	326JM	EJMM4115T-G	30.65	700	94.5	230/460	58

Shaded areas indicate cast iron construction.

Red catalog number indicates NEW product.

## Close-coupled pumps, three phase, foot mounted ODP, with internal AEGIS Bearing Protection Ring 1 thru 50 Hp



Hp	RPM	NEMA frame	Cat. no.	"C" dim.	Aprx. wt. (lb)	FL eff.	Voltage	FL amps
<b>Open drip proof</b>								
1	1800	143JM	<b>EJMM3116T-G</b>	13.75	37	85.5	230/460	1.5
1-1/2	1800	145JM	<b>EJMM3154T-G</b>	13.75	41	86.5	230/460	2.2
2	1800	145JM	<b>EJMM3157T-G</b>	14.25	44	86.5	230/460	2.9
3	3600	145JM	<b>EJMM3158T-G</b>	15.13	51	85.5	230/460	3.8
	1800	182JM	<b>EJMM3211T-G</b>	16.50	74	89.5	230/460	4.2
5	3600	182JM	<b>EJMM3212T-G</b>	15.12	64	86.5	230/460	6
	1800	184JM	<b>EJMM3218T-G</b>	18.00	88	89.5	230/460	6.6
7-1/2	3600	184JM	<b>EJMM3219T-G</b>	16.50	78	88.5	230/460	8.6
	1800	213JM	<b>EJMM3311Y-G</b>	18.19	120	91	230/460	9.7
10	3600	213JM	<b>EJMM3312T-G</b>	18.19	121	89.5	230/460	12
	1800	215JM	<b>EJMM3313T-G</b>	19.31	132	91.7	230/460	12.5
15	3600	215JM	<b>EJMM3314T-G</b>	18.19	134	90.2	230/460	17.5
	1800	254JM	<b>EJMM2513T-G</b>	23.19	213	93	230/460	17.7
20	3600	254JM	<b>EJMM2514T-G</b>	23.19	185	91	230/460	23.5
	1800	256JM	<b>EJMM2515T-G</b>	24.69	255	93	230/460	24
25	3600	256JM	<b>EJMM2516T-G</b>	23.19	233	91.7	230/460	28
	1800	284JM	<b>EJMM2531T-G</b>	25.94	377	93.6	230/460	30
30	3600	284JM	<b>EJMM2534T-G</b>	24.69	320	91.7	230/460	35
	1800	286JM	<b>EJMM2535T-G</b>	26.94	378	94.1	230/460	36
40	3600	286JM	<b>EJMM2538T-G</b>	24.69	330	92.4	230/460	46
	1800	324JM	<b>EJMM2539T-G</b>	27.44	378	94.1	230/460	49
50	3600	324JM	<b>EJMM2542T-G</b>	27.44	375	93	230/460	56
	1800	326JM	<b>EJMM2543T-G</b>	27.94	497	94.5	230/460	57

Red catalog number indicates NEW product.

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