

The Baldor Super-E®

In the mid-70s, a southeastern tire manufacturing plant asked Baldor to increase their plant's operating efficiencies. After analyzing the efficiencies of the plant's 75 Hp motors, Baldor engineers determined that considerable energy savings could be gained from a motor design focused on "active materials." By adding more copper to the windings, upgrading the laminations to a premium-grade steel, designing precision air gaps between the rotor and stator, and reducing fan and other losses in the motor, Baldor was able to supply the plant with the premium efficient motors it needed. This was the birth of the Baldor Super-E®.

Over 1,000 Stock Motor Ratings

Today's line of Baldor Super-E motors offers customers some from the highest levels of efficiencies, in ratings of 1 to 15,000 horsepower. Baldor has ratings available immediately from stock, with non-stock motors with the industry's shortest lead times. All Super-E motors (except Explosion-Proof) are also "Inverter-Ready".

The Right Premium Efficient Motor for your Application

Whether it's a premium efficient motor for harsh, outdoor conditions at a petro-chemical plant, or for continuous duty in a distribution center, Baldor offers customers a variety of choices.

Super-E Totally Enclosed Fan Cooled (TEFC) and Open Drip Proof (ODP) are reliable motors that have kept plants operating efficiently since their introduction in 1983. Explosion-Proof, Close Coupled Pump and Automotive Approved Super-E's deliver premium efficiency for special applications.

In applications requiring added protection from corrosion caused by severe environmental operating conditions, Baldor•Reliance Super-E Severe Duty motors are available in TEFC ratings from 1 through 2250 Hp. Cast-iron construction, epoxy primer and finish paint inside and out, gaskets on all joints and many other features provide added protection where and when you need it most.

For the ultimate in protection from severe environments – where you need added insurance against downtime – Baldor offers IEEE 841 motors. Delivering reliable, rugged performance with the industry's highest energy efficiencies, these motors exceed IEEE 841 - 2001 standards for severe duty TEFC induction motors. Inpro/Seal® bearing isolators at both the drive end and fan end. Baldor IEEE 841 motors are available immediately off the shelf, in 1 - 250 Hp ratings, with special designs available as custom motors.

Leadership in Premium Efficiency

Called a "key breakthrough" by the Consortium for Energy Efficiency, the CEE in 1998 recognized Baldor's Super-E as the first premium efficient motor line to meet their stringent efficiency criteria, citing "For the first time, one manufacturer will carry all qualifying products."



A Baldor Super-E motor and Inverter Control provide premium energy efficiency and improved process control to a municipal water treatment facility.

Minimum Efficiency Performance Standards (MEPS) for electric motors are becoming commonplace throughout the world. The first of these was the Energy Policy Act of 1992 (EPA) that mandated efficiency levels for 1-200 Hp general purpose motors for sale in the U.S. after October 1997. The Energy Independence and Security Act of 2007 (EISA) builds upon EPA and raises the efficiency level for these motors to NEMA Premium® efficiency and adds other configuration and 201-500 Hp ratings for MEPS compliance. Baldor•Reliance Super-E motors manufactured today meet or exceed EISA requirements.

As countries and regions across the world establish minimum efficiency levels for motors, more companies are turning to the Baldor•Reliance Super-E. This includes plant and processing applications, as well as OEM products for shipment overseas. Super-E motors meet or exceed the efficiency levels defined by The Energy Independence & Security Act of 2007 (EISA) in the U.S., NRC in Canada, and IEC 60034-30 IE3 level in Europe. Super-E motors meet or exceed NEMA Premium® efficiencies.

A wide selection of premium efficient motors, available from stock, manufactured and sold by a company committed to building better products for industries worldwide. No wonder, since the 1920s, Baldor•Reliance is recognized as the leader in energy efficient industrial motors and drives.



Super-E® Premium Efficiency Motor Construction

The family of Baldor•Reliance Super-E TEFC (Totally-Enclosed Fan-Cooled) motors shares a number of electrical and mechanical features that add up to outstanding value. “EM” motors are general-purpose premium efficient motors. For more severe environmental applications, our “ECP/XEX” Severe Duty motors provide added weather and chemical protection. For extreme applications, where downtime is critical, Baldor “841XL” motors are ideal; these motors exceed IEEE 841-2001 specifications.

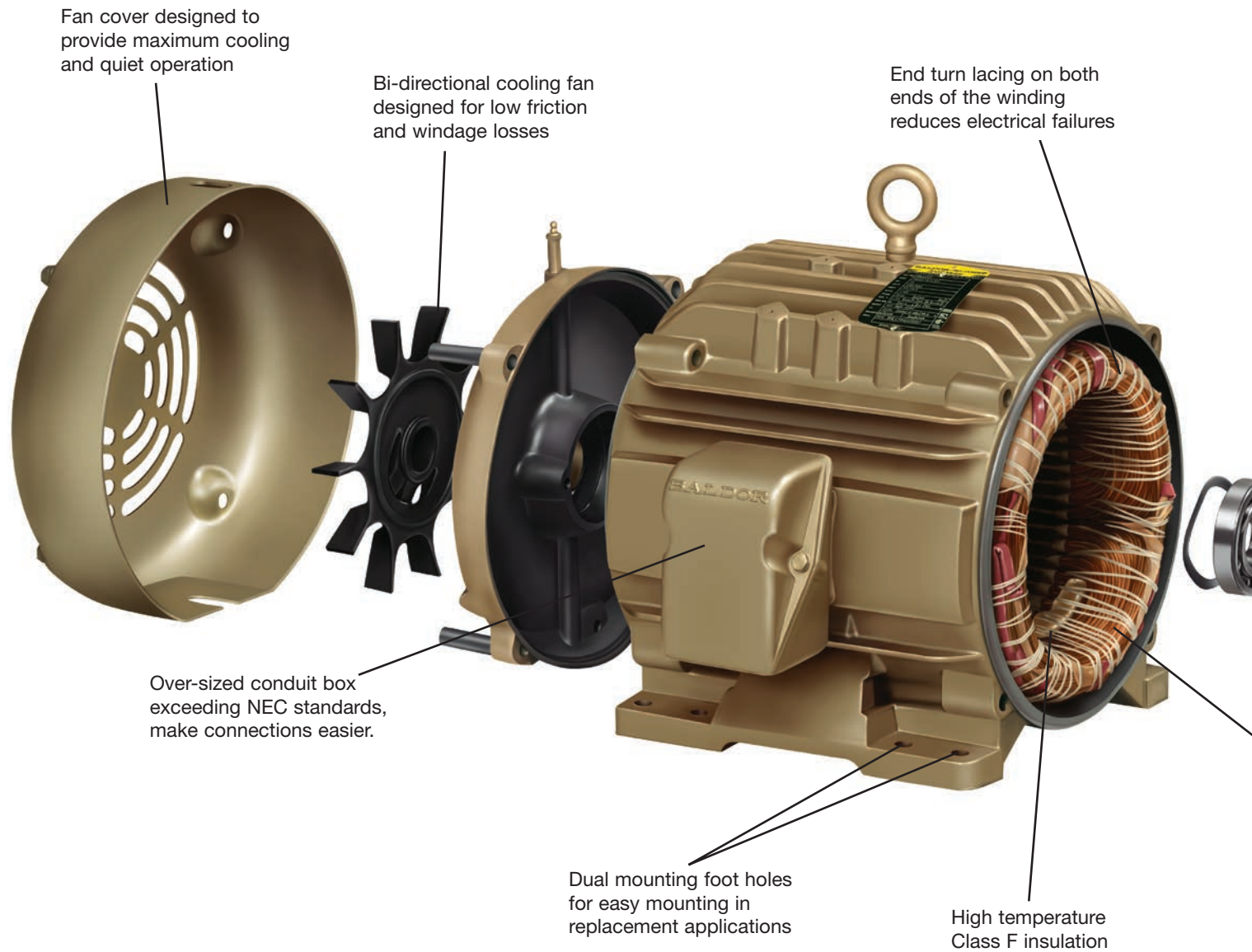
The chart below lists standard features (“S”) in Baldor’s TEFC Premium Efficient motors. Horsepower ranges indicate where certain features are standard in stock products. Additional features optional (“O”) on custom motors, or through Baldor’s Mod-Express.

TEFC Premium Efficiency Motor Family

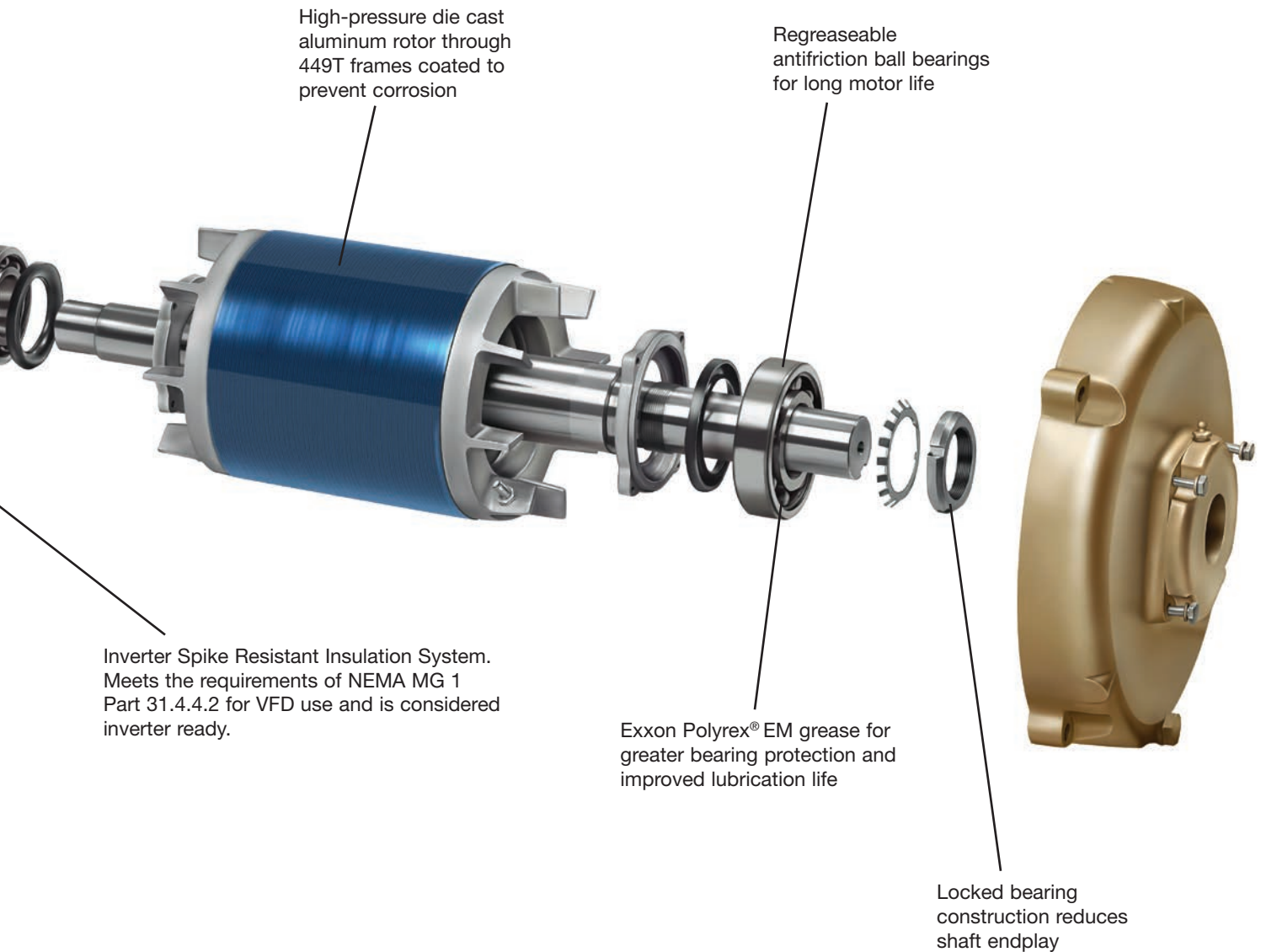
Electrical Features	EM / XE	ECP/XEX	841XL
Hp Range - Stock	1-1000	1-1000	1-250
Class F insulation with Class B rise	S	S	S
1.15 Service factor	S	S	S
200°C Inverter Spike Resistant insulation system	S	S	S
Phase insulation	S	S	S
Corona inception testing - meets NEMA Part 31.4.4.2	S	S	S
Varnish dip & bake with 100% solids	S	S	S
No silicone lead wire		S	S
Documented final motor tests - data shipped with motor	O	O	S
Mechanical Features			
NEMA Frame sizes	143T - 449T	143T - 449T	143T - 449T
Steel Band Frame Die cast aluminum endplates, steel fan cover	S 143T - 215T		
Cast iron frame - cast iron endplates & fan cover (steel fan cover standard on EM/XE 140-280T)	O 143T - 286T S 324T - Up	S	S
Die cast aluminum conduit box	S thru 360T		
Cast Iron conduit box	S 400T - up	S	S
Threaded inlet hole in conduit box		S	S
Neoprene conduit box lid gasket & lead separator gasket		S	S
Seal endplate to frame joints		S	S
V-ring shaft seals - DE & ODE (except some 440 frame)	S 250T - up DE only	S	
Inpro/Seal® VBX or VBXX bearing isolators - DE and ODE			S
Hardware - zinc plated	S	S	S
Motor unfiltered vibration at rated voltage and frequency <0.15 in/sec peak velocity	S	S	
Motor unfiltered vibration at rated voltage and frequency <0.08 in/sec peak velocity			S
Test vibration on DE & ODE and document - ship with motor			S
Low bearing temperature specs (IEEE 841)			S
Foot flatness to < NEMA tolerances (0.005"/ft.)			S
Shaft runout < NEMA			S
Sound power level < 90 dBA			S
Grease inlet fitting - grease fitting	S		
Grease inlet and grease fitting		S	S
Grease outlet with screw-in plug	S		
Grease outlet with automatic relief fitting	S 250T - up		
Grease outlet and automatic relief fitting		S	S
Non-metallic external cooling fan	S	S	S
Casting coated with water base primer	S		
Castings coated with 2-part epoxy primer and epoxy finish coat		S	S
Finish paint with gold enamel	S		
Finish paint with 2-part blue-green epoxy		S	S
ASTM B117-90 96-hour salt spray test compliance		S	S
Laser etched aluminum nameplate with NEMA data	S		
Embossed Stainless steel nameplate with NEMA data		S	S
Stainless steel nameplate with bearing and grease data		S	S
Limited Warranty	3 year	3 year	5 year

Note: Contact your Baldor District Office for certified data, dimensions and features of a specific motor.

Baldor Super-E®: Premium efficiency inside and out



All Baldor•Reliance Super-E® motors meet or exceed NEMA Premium® efficiency requirements per NEMA MG 1 table 12-12.



TEFC - Super-E® Capabilities

Three Phase

Three Phase - Typical Frame Size / Speed - RPM				
Hp	3600	1800	1200	900
1	56	56, 143T or 182	56 or 145T	182T
1.5	143T	56, 145T or 184	145T or 182T	184T
2	145T	56, 145T or 184	184T	213T
3	145T, 182T or 184	182T or 213T	213T	215T
5	184T	184T or 215T	215T	254T
7.5	184T or 213T	213T	254T	256T
10	215T	215T	256T	286T
15	254T	254T	284T	286T
20	256T	256T	286T	324T
25	284TS	284T	324T	326T
30	286TS	286T	326T	364T
40	324TS	324T	364T	365T
50	326TS	326T	365T	404T
60	365TS	364T	404T	405T
75	365TS	365T	405T	444T
100	405TS	405T	444T	445T
125	444TS	444T	445T	447T
150	447TS or 449T*	445T or 449T*	447T or 449T*	449T or 5008*
200	447TS or 449T*	447T or 449T*	449T or 5008*	5008*
250	449TS or 5008*	449T or 5008*	449TY or 5008*	5010*
300	449TS or 5008*	449TY or 5008*	449TY or 5010*	5010*
350	449TS or 5008*	449TY or 5008*	5010*	5012*
400	449TS or 5010*	5008*	5012*	5012*
450	5010*	5010*	5012*	5012*
500	5010*	5010*	5012*	5012**
600	5010*	5012*	5012**	5800*
700	5800*	5012*	5800*	5800*
800	5800*	5012*	5800*	G500S**
900	5800***	5012**	G500S**	G500S**
1000	G500M***	5800*	G500S**	G500S**
1250	G500M***	5800*	G500S**	G500M**
1500	G500M***	G500M**	G500M**	G500M**
1750	•	G500M**	G500M**	•
2000	•	G500M**	•	•
2250	•	G500M**	•	•

NOTE: Shaded area denotes product scope of NEMA Premium® efficiency motor program.

• Rating available in other enclosure

* Medium Voltage (2300 or 4000V)

** Medium Voltage (2300 or 4000V), Fabricated Copper Bar Rotor required.

*** Medium Voltage (2300 or 4000V), Sleeve Bearings and Fabricated Copper Bar Rotor required.

Motors listed with catalog numbers in this brochure are available from stock. Contact Baldor for lead times on non-stock motors.

Performance data is subject to change. Drawings shown are for reference only. Please contact Baldor for current performance data or a detailed drawing on the specific motor you require. Data and drawings may be available from our website at www.baldor.com.

Premium Efficiency in Metric Frames

Baldor Super-E® motors are available in IEC frames 63 through 500 with base, B5 flange or B14 C-face. Motors can be supplied for 50 or 60 Hz operation. Contact your Baldor•Reliance District Office for more information.

TEFC Super-E® Premium Efficient Motors**TEFC - Totally Enclosed Fan Cooled****Foot Mounted, 230/460, 460 & 575 Volts, Three Phase, 1/2 - 200 Hp**

Hp	kW	RPM	Frame	Catalog No.	Amps @ High V		Full Load Torque Lb. Ft.	Efficiency %			Power Factor %			Bearings		Volt Code	“C” Dim.	Conn. Diag. No.	Notes
					Full Load	Locked Rotor		1/2	3/4	Full Load	1/2	3/4	Full Load	DE	ODE				
230/460 & 460 Volts (continued)																			
7.5	5.6	3450	184T	EM3616T	8.4	91	11.4	90.6	90.7	89.5	85	90	93	6206	6205	E	18.05	CD0005	-
7.5	5.6	3525	213T	EM3709T	9	83.4	11.2	92.1	92.9	91	76	84	86	6307	6206	E	17.89	CD0005	-
7.5	5.6	3525	213T	EM3769T	8.6	75	11.2	90	91.4	91	79	87	90	6307	6206	E1	18.45	CD0005	-
7.5	5.6	1770	213T	EM3710T	9.4	70.1	22.4	92.2	92.7	91.7	63	75	81	6307	6206	E1	19.02	CD0005	-
7.5	5.6	1770	213T	EM3770T	9.5	68	22.1	91.6	92.3	91.7	65	76	81	6307	6206	E1	18.45	CD0005	-
7.5	5.6	1180	254T	EM2276T	10.7	67	32.4	89.3	90.7	91	53	64	70	6309	6208	E1	23.16	CD0005	-
10	7.5	3490	215T	EM3711T	11.8	78.5	15	91	91.3	90.2	74	84	87	6307	6206	E	17.89	CD0005	-
10	7.5	3500	215T	EM3771T	11.8	88.5	14.9	93	93.2	90.2	79	88	90	6307	6206	E1	18.45	CD0005	-
10	7.5	1770	215T	EM3714T	12	103	29.5	92.1	92.4	91.7	66	79	85	6307	6206	E	20.52	CD0005	-
10	7.5	1760	215T	EM3774T	12.2	81	29.8	92.5	92.9	91.7	71	80	83	6307	6206	E1	18.45	CD0005	-
10	7.5	1180	256T	EM2332T	14.4	95.1	44.4	89.9	91.3	91	55	65	71	6309	6208	E1	23.16	CD0180	-
15	11	3500	215T	EM3713T	17	161	22.5	91.5	91.8	91	87	92	93	6307	6206	E	20.52	CD0005	-
15	11	3520	254T	EM2394T	17.5	110	22.1	91	91.6	91	77	85	87	6309	6208	E1	23.16	CD0180	-
15	11	1765	254T	EM2333T	18.5	122.9	44.6	91.9	92.6	92.4	66	77	82	6309	6208	E1	23.16	CD0005	-
15	11	1175	284T	EM4100T	21	125	66.5	90.6	91.8	91.7	54	66	73	6311	6309	E1	27.76	CD0180	-
20	15	3520	256T	EM4106T	23	161	29.6	92.2	92.4	91	78	86	89	6309	6208	E1	23.16	CD0005	-
20	15	1765	256T	EM2334T-12	23	168	59	92.9	93.2	93	74	80	85	6309	6208	E1	23.16	CD0104	-
20	15	1765	256T	EM2334T	24	175	59	92.8	93.1	93	69	80	84	6309	6208	E1	23.16	CD0005	-
20	15	1180	286T	EM4102T	27	165	89.4	91.1	91.9	91.7	60	71	77	6311	6309	E	27.76	CD0180	-
25	19	3520	256T	EM4118T	27	206	37.2	92.2	92.8	91.7	87	91	93	6309	6208	F	23.28	CD0180	-
25	19	3525	284TS	EM4107T	29	249	37	89.2	91.2	91.7	75	83	90	6311	6208	E1	24.7	CD0005	-
25	19	1770	284T	EM4103T	30	186	74.2	92.3	93.5	93.6	73	81	85	6311	6309	E1	27.76	CD0005	-
25	19	1770	284T	EM4103T-12	30	186	74.2	92.3	93.5	93.6	73	81	85	6311	6309	E1	27.56	CD0104	25
25	19	1180	324T	EM4111T	32	220	112	92.6	93.3	93	63	73	79	6312	6309	E1	30.39	CD0180	-
30	22	3520	286TS	EM4108T	34	288	44.5	90.8	91.9	91.7	81	87	90	6311	6208	E1	24.7	CD0180	-
30	22	1760	286T	EM4104T	38	270	88.7	92.3	93.5	93.6	63	73	80	6311	6309	E1	27.76	CD0180	-
30	22	1760	286T	EM4104T-12	36	238	88.8	92.5	93.5	93.6	72	80	85	6311	6309	F	27.76	CD0104	25
30	22	1180	326T	EM4117T	39	243	133	92.5	93.2	93	62	73	78	6312	6311	E1	30.28	CD0005	-
40	30	3530	324TS	EM4109T	46	305	59.2	91.6	92.6	92.4	79	86	88	6312	6311	E1	28.78	CD0180	-
40	30	1775	324T	EM4110T	48	338	118	93.5	94.2	94.1	69	78	83	6312	6311	E1	30.28	CD0180	-
40	30	1770	324T	EM4110T-12	48	349	118	93.7	94.5	94.1	69	79	83	6312	6311	E1	30.28	CD0104	25
40	30	1190	364T	EM4308T	49.4	290	177	93.6	94.3	94.1	69	77	81	6313	6313	E1	33.44	416820-2	-
50	37	3540	326TS	EM4114T	56	408	74.4	93.8	94.2	93	82	88	90	6312	6311	E	28.9	CD0180	-
50	37	1775	326T	EM4115T	58	397	147	94.3	94.8	94.5	74	83	86	6312	6311	E	30.28	CD0180	-
50	37	1775	326T	EM4115T-12	58	397	147	94.3	94.8	94.5	74	83	86	6312	6311	F	30.28	CD0104	25
50	37	1775	326TS	EM4115TS	58	397	147	94.3	94.8	94.5	74	83	86	6312	6311	F	28.78	CD0180	-
50	37	1185	365T	EM4312T	61.7	345	221	93.9	94.4	94.1	70	78	81	6313	6313	E1	33.44	416820-2	-
60	45	3560	364TS	EM4310T	65.1	398	88.5	95.3	95.5	95	88	91	91	6313	6313	E1	31.31	416820-2	-
60	45	1780	364T	EM4314T	68	430	177	95.2	95.3	95	79	85	87	6313	6313	E1	33.44	416820-2	-
60	45	1780	364T	EM4314T-12	68	430	177	95.2	95.3	95	79	85	87	6313	6313	F	33.44	416820-2	25
60	45	1780	364TS	EM4314TS	68	430	177	95.2	95.3	95	79	85	87	6313	6313	F	31.31	416820-2	-
60	45	1185	404T	EM4403T	69	425	265	94.9	95.2	95	79	84	86	6316	6316	E1	38.06	416820-2	-
75	56	3555	365TS	EM4313T	80.7	494	111	95.1	95.4	95	91	92	92	6313	6313	E1	31.31	416820-2	-
75	56	1780	365T	EM4316T	84.9	542	221	95.7	95.8	95.4	77	84	86	6313	6313	E1	33.44	416820-2	-
75	56	1780	365T	EM4316T-12	85.9	542	221	95.7	95.8	95.4	77	84	86	6313	6313	F	33.44	416820-2	25
75	56	1780	365TS	EM4316TS	85.9	542	221	95.7	95.8	95.4	77	84	86	6313	6313	F	31.31	416820-2	-
75	56	1185	405T	EM4404T	86.9	541	332	95	95.3	95	73	82	85	6316	6316	E1	38.06	416820-2	-
100	75	3565	405TS	EM4402T-4	110	695	147	94.6	95.1	95	86	89	90	6313	6313	G	35.31	416820-8	25
100	75	1785	405T	EM4400T	112	725	295	95.4	95.7	95.4	83	87	87	6316	6316	F	37.22	416820-2	-
100	75	1785	405T	EM4400T-12	112	725	295	95.4	95.7	95.4	83	87	87	6316	6316	F	38.31	416820-2	25
100	75	1785	405TS	EM4400TS	112	725	295	95.4	95.7	95.4	83	87	87	6316	6316	F	35.31	416820-2	-
100	75	1190	444T	EM4409T-4	119	723	442	95	95.3	95	68	78	83	6318	6318	G	44.75	416820-36	-
100	75	1190	444T	EM4909T-4	119	723	442	95	95.3	95	68	78	83	6318	6318	G	44.75	416820-36	99

NOTE: Volt Code: E = 208-230/460V, 60Hz; E1 = 230/460V, 60Hz, usable at 208V; F = 230/460V, 60 Hz; G=460V, 60 Hz

25 = Wye Start Delta Run

99 = Has F3 lead outlet hole and an arm mounted conduit box for easy F1 or F2 lead location.

See page 68 for Layout drawing. See page 93 for Connection Diagrams.

Efficiencies shown are nominal. Data subject to change without notice. Contact Baldor for certified data.

Shaded ratings are cast iron frames.

Adjustable Speed Capabilities for Even Greater Energy Efficiency

Super-E® Motors

Super-E motors are Inverter-Ready and meet NEMA MG 1 Part 31.4.4.2. Super-E motors are suitable for use with inverter drives. Motor inverter setup is unique to each specific application. Proper setup and wiring procedures must be closely followed.

Application Considerations

It is necessary that motor-drive applications are commissioned by persons familiar with the operation and setup of adjustable speed drives, applicable electrical codes and any other regulations.

Each drive must be tuned to the motor for the specific application. System operating parameters must be checked, including voltage at motor power leads, to insure that motor/drive setup has been successfully completed.

Applications that are not properly setup can lead to substandard performance and failure of system components. In some installations, shaft grounding and isolated bearings may prevent bearing fluting and are available as an option or through Mod Express.

Reference the chart below for constant torque and variable torque capabilities for each product family. Torque performance depends upon proper drive setup.

Motors 48 body style and smaller are suitable for maximum 230V inverter operation.

Efficiency Savings

Significant energy savings can be achieved when applying Inverter Ready motors such as the Baldor Super-E to centrifugal load applications (fan and centrifugal pump) and running at reduced speed taking advantage of the affinity laws where motor load and corresponding energy consumption is reduced by the cube of the speed.



Family	Enclosure	Frame Size	Constant Torque	Variable Torque	Comments
Super E Motors 230, 460 and 575 Volts (2)					
EM	TEFC	56-210 (1)	20:1	20:1	General Purpose Premium Efficient
		250-320	10:1	20:1	
		360-400	4:1	20:1	
		444-449	2:1	20:1	
EM	ODP	56-210 (1)	10:1	20:1	General Purpose Premium Efficient
		250-320	5:1	20:1	
		360 - 449	2:1	20:1	
ECP/XEX and ECP8/841XL (3)	TEFC	140	20:1	20:1	Severe Duty Premium Efficient
		180-210	10:1	20:1	
		250-400	4:1	20:1	
		444-449	2:1	20:1	
EWDM	TENV,TEFC	56-256 (1)	20:1	20:1	Washdown Duty Premium Efficient
ESS/SSE	TEFC	56-250	2:1	10:1	Stainless Steel Washdown Duty
	TENV	56-140	4:1	10:1	
Standard-E Motors 230/460 and 575V (2) (4)					
M (TEFC)		56-326T frames (1)	4:1	20:1	General Purpose motors
		360T - 449T	2:1	20:1	
M (ODP)		56-326T frames (1)	4:1	20:1	
		360T - 449T	2:1	20:1	
CP/XT		145T frames	4:1	20:1	Severe Duty
		180T-445T frames	2:1	20:1	
		447T-449T frames	2:1	20:1	
WDM		56-215T frames (1)	4:1	20:1	Washdown Duty

NOTES:

(1) Baldor type 35M frames and larger

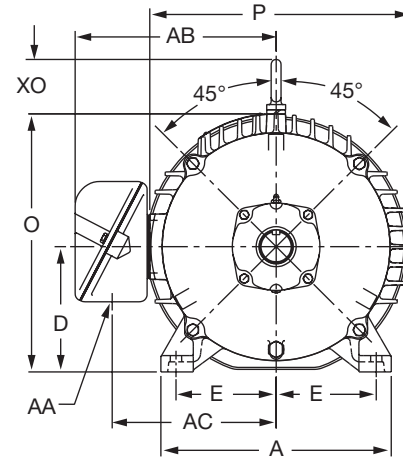
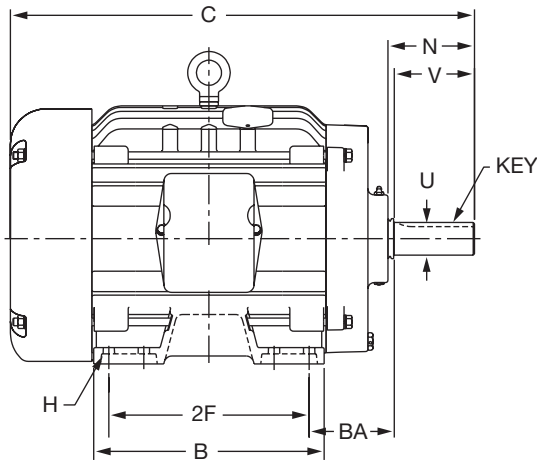
(2) For greater speed range capabilities, please select an Inverter Duty®, Vector Duty®, V* S Master or RPM AC type motor, or contact your local Baldor Sales Office for a custom motor design.

(3) Stock IEEE-841 motors include Division 2 labeling as standard. These motors will require a nameplate change through Mod Express to add inverter duty markings to the motors.

(4) Standard-E EPA efficient motors are suitable for use in adjustable speed applications per NEMA MG 1 Part 30.

Dimensions

Cast Iron Construction – TEFC Foot Mounted NEMA 143T - 449T



NEMA Frame	A	B	D	E	2F	H	Key	N	O	P	U	V	AA	AB	AC	BA
143T 145T	6.50	5.88	3.50	2.75	4.00 5.00	0.38	0.19	2.50	7.50	8.00	0.875	2.25	1.09	6.43	5.18	2.25
182T 184T	8.62	6.50	4.50	3.75	4.50 5.50	0.41	0.25	2.81	9.23	9.46	1.125	2.75	1.09	7.18	5.93	2.75
213T 215T	9.62	8.12	5.25	4.25	5.50 7.00	0.41	0.31	3.88	10.99	11.50	1.375	3.38	1.38	9.22	7.38	3.50
254T 256T	11.50	11.50	6.25	5.00	8.25 10.00	0.53	0.38	4.32	12.88	12.94	1.625	4.00	1.38	10.04	8.19	4.25
284T 286T	12.75	12.84	7.00	5.50	9.50 11.00	0.53	0.50	4.75	13.83	13.63	1.625	4.63	2.00	12.20	9.66	4.75
284TS 286TS	12.75	12.84	7.00	5.50	9.50 11.00	0.53	0.38	3.37	13.83	13.63	1.625	3.25	2.00	12.20	9.66	4.75
324T 326T	14.50	14.00	8.00	6.25	10.50 12.00	0.66	0.50	5.56	15.44	15.92	2.125	5.25	2.50	13.74	11.19	5.25
324TS 326TS	14.50	14.00	8.00	6.25	10.50 12.00	0.66	0.50	4.06	15.44	15.92	1.875	3.75	2.50	13.74	11.19	5.25
364T 365T	16.50	14.50	9.00	7.00	11.25 12.25	0.66	0.62	6.13	18.38	19.25	2.375	5.88	3.62	14.95	12.40	5.88
364TS 365TS	16.50	14.50	9.00	7.00	11.25 12.25	0.66	0.50	4.00	18.38	19.25	1.875	3.75	3.62	14.95	12.40	5.88
404T 405T	18.88	16.63	10.00	8.00	12.25 13.75	0.81	0.75	7.50	19.38	19.81	2.875	7.25	3.63	17.85	14.18	6.63
404TS 405TS	19.00	16.00	10.00	8.00	12.25 13.75	0.81	0.50	4.50	21.31	22.50	2.125	4.00	3.00	19.31	15.25	6.62
444T 445T	22.00	23.38	10.99	9.00	14.50 16.50	0.8125	0.875	8.72	24.24	26.5	3.375	8.25	3.00	22.68	17.87	7.76
444TS 445TS	22.00	23.38	10.99	9.00	14.50 16.50	0.8125	0.625	4.96	24.24	26.5	2.375	4.50	3.00	22.68	17.87	7.65
445T 447T	22.00	27.03	10.99	9.00	16.50 20.00	0.8125	0.875	8.59	24.24	27.57	3.375	8.25	4.00	23.86	18.62	7.66
445TS 447TS	22.00	27.03	10.99	9.00	16.50 20.00	0.8125	0.625	4.84	24.24	27.57	2.375	4.50	4.00	23.86	18.62	7.68
447T 449T	22.00	32.03	10.99	9.00	20.00 25.00	0.8125	0.875	8.59	24.24	27.57	3.375	8.39	4.00	23.74	18.5	7.52
447TS 449TS	22.00	32.03	10.99	9.00	20.00 25.00	0.8125	0.625	4.84	24.24	27.57	2.375	4.75	4.00	23.74	18.62	7.52

NOTE: Drawings shown are for reference only. Please contact Baldor for a detailed dimensional drawing of the specific motor you require.