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 load 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.

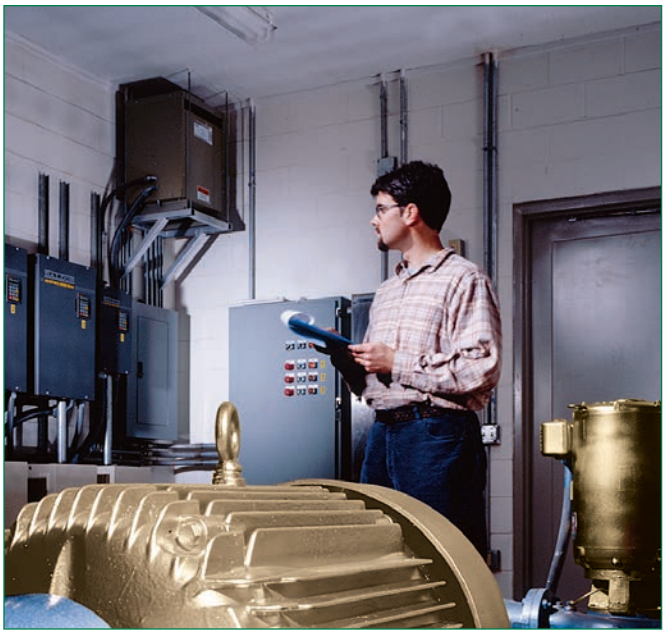
Super-E Totally Enclosed Fan Cooled (TEFC) and Open Drip Proof (ODP) are reliable motors that have kept plants operating efficiently since their introduction in 1983. Explosion-Proof, Close Coupled Pump and Automotive Approved Super-E's deliver premium efficiency for special applications.

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 (EPAct) 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 EPAct 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.

NEMA Premium®

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.

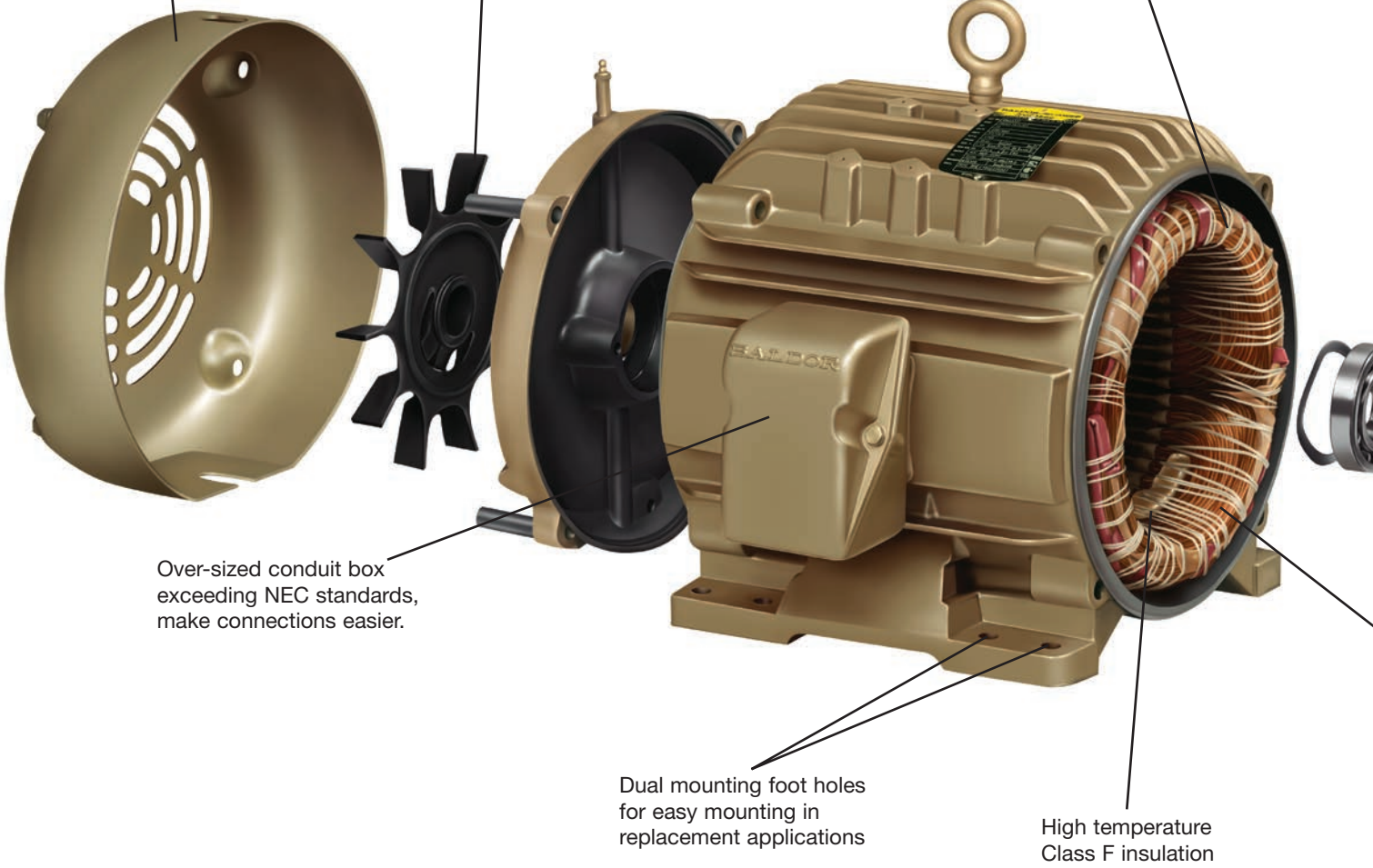
The chart below lists standard features ("S") in Baldor's TEFC Premium Efficient motors. Horsepower ranges indicate where certain features are standard in stock products. Additional features optional ("O") on custom motors, or through Baldor's Mod-Express.

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

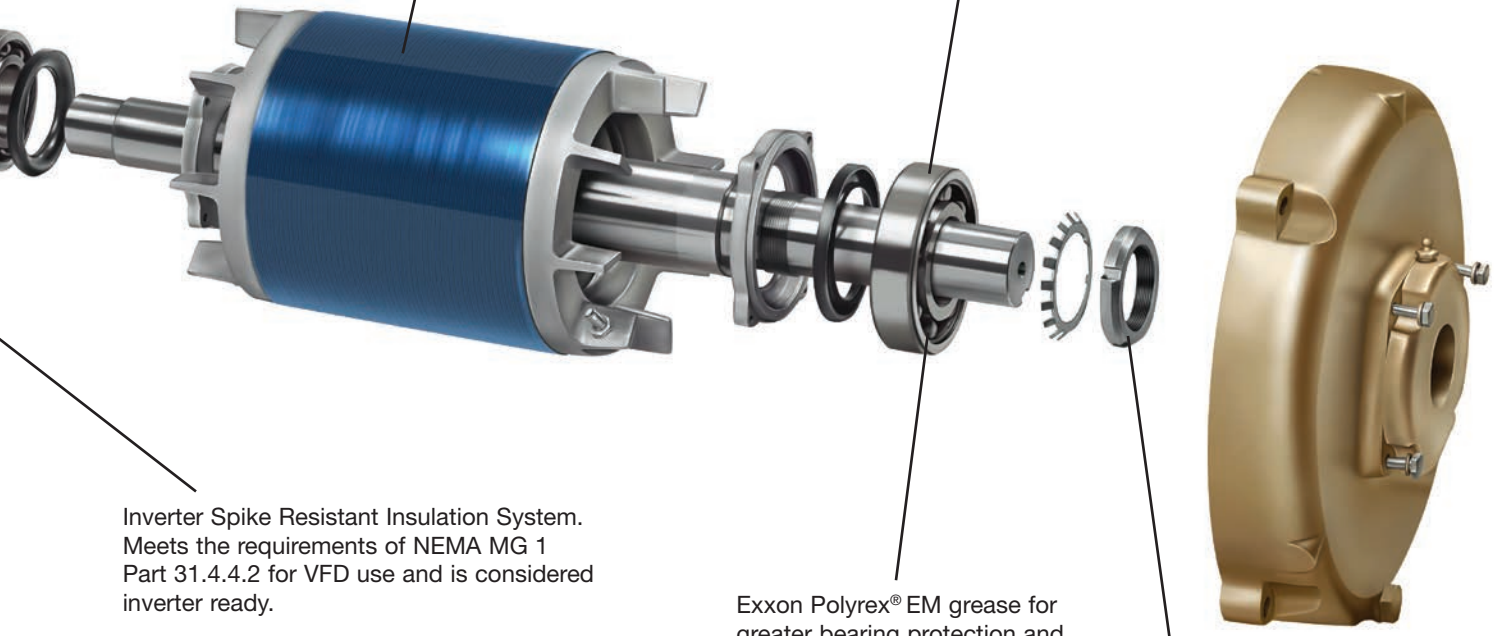


All Baldor•Reliance Super-E® motors meet or exceed NEMA Premium® efficiency requirements per NEMA MG 1 table 12-12.

NEMA Premium®

High-pressure die cast aluminum rotor through 449T frames coated to prevent corrosion

Regreaseable antifriction ball bearings for long motor life



Inverter Spike Resistant Insulation System. Meets the requirements of NEMA MG 1 Part 31.4.4.2 for VFD use and is considered inverter ready.

Exxon Polyrex® EM grease for greater bearing protection and improved lubrication life

Locked bearing construction reduces shaft endplay

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.

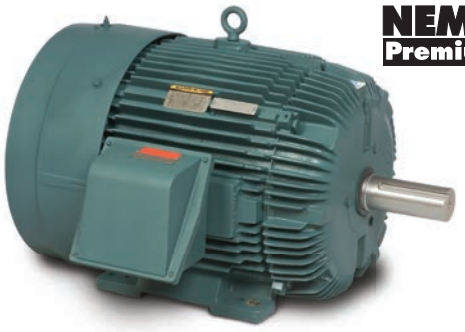
Motors listed with catalog numbers in this brochure are available from stock. Contact Baldor for lead times on non-stock motors.

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.

Severe Duty Super-E® ECP/XEX NEMA Premium® Efficient Motors



Baldor•Reliance Super-E, ECP motors have XEX designs that meet the demanding application requirements typically found in harsh processing environments. Features include cast iron construction, Oversized and rotatable cast iron conduit box, V-Ring shaft seal, Stainless steel nameplate and Corrosion resistant hardware and epoxy finish. Super-E electrical designs have 1.15 service factors and a Class F Insulation system that is Inverter Ready and meets NEMA MG 1 Part 31.4.4.2.

TEFC – Totally Enclosed Fan Cooled
Foot Mounted, 230/460 Volts, Three Phase, 1-125 Hp

Hp	kW	RPM	Frame	Catalog No.	Amps @ High V		F.L. Torque Lb. Ft.	Efficiency %			Power Factor %			Bearings		Volt Code	"C" Dim.	Conn. Diag. No.	Notes
					F.L.	L.R.		1/2	3/4	F.L.	1/2	3/4	F.L.	DE	ODE				
1	0.75	3450	143T	**ECP3580T**	1.4	12.1	1.5	80.6	84	84	65	77	83	6205	6205	E	12.88	CD0005	-
1	0.75	1765	143T	**ECP3581T**	1.5	15	3	84.4	87	87.5	48	60	70	6205	6205	E	12.88	CD0005	-
1	0.75	1150	145T	**ECP3582T**	1.8	9.6	4.5	82.3	84	82.5	42	55	63	6205	6205	E	12.88	CD0005	-
1 1/2	1.1	3450	143T	**ECP3583T**	2	20.1	2.3	81.3	84.3	85.5	68	78	83	6205	6205	E	12.88	CD0005	-
1 1/2	1.1	1760	145T	**ECP3584T**	2.1	18	4.5	86.8	88.4	88.5	54	67	76	6205	6205	E	12.88	CD0005	-
1 1/2	1.1	1170	182T	**ECP3667T**	2.5	16.2	6.8	84.8	86.9	87.5	44	56	64	6206	6206	E	15.93	CD0005	-
2	1.5	3450	145T	**ECP3586T**	2.5	30	3	83.8	86.2	86.5	70	80	85	6205	6205	E	12.88	CD0005	-
2	1.5	1755	145T	**ECP3587T**	2.8	25	6	86.9	88.5	88.5	54	67	75	6205	6205	E	12.88	CD0005	-
2	1.5	1165	184T	**ECP3664T**	3.2	20.9	9	96.9	88.5	88.5	48	60	68	6206	6206	F	15.93	CD0005	-
3	2.2	3500	182T	**ECP3660T**	3.4	32	4.5	87.5	89.1	88.5	83	89	92	6206	6206	E1	15.93	CD0005	-
3	2.2	1760	182T	**ECP3661T**	4.2	33	9	88.9	90.4	90.2	54	66	74	6206	6206	E1	15.93	CD0005	-
3	2.2	1165	213T	**ECP3764T**	4.5	30.9	13.5	89.5	90.4	90.2	52	64	70	6307	6307	E1	19.5	CD0005	-
5	3.7	3490	184T	**ECP3663T**	5.7	64.8	7.5	89.4	90.8	90.2	76	85	90	6206	6205	E1	15.93	CD0005	-
5	3.7	1750	184T	**ECP3665T**	6.6	54	14.9	90.3	91.2	89.5	60	73	80	6206	6206	E	15.93	CD0005	-
5	3.7	1160	215T	**ECP3768T**	7.3	51.9	22.8	90.3	91	90.2	54	65	72	6307	6307	E1	19.5	CD0005	-
7 1/2	5.6	3510	213T	**ECP3769T**	8.6	61.1	11.1	91.3	92.1	91.7	77	85	88	6307	6206	F	19.32	CD0005	-
7 1/2	5.6	1770	213T	**ECP3770T**	9.5	68	22.1	91.6	92.3	91.7	65	76	81	6307	6307	F	19.5	CD0005	-
7 1/2	5.6	1180	254T	**ECP2276T**	10.7	69.7	32.4	89.7	91.5	91.7	52	63	70	6309	6309	E1	24.69	CD0005	-
10	7.5	3500	215T	**ECP3771T**	11	120	15	92.7	92.9	92.4	82	89	92	6307	6307	F	19.5	CD0005	-
10	7.5	1760	215T	**ECP3774T**	12.5	88.5	29.8	92.9	93.1	92.4	67	78	82	6307	6307	F	19.5	CD0005	-
10	7.5	1180	256T	**ECP2332T**	14.2	93	44.4	90.2	91.6	91.7	55	66	72	6309	6309	E1	24.69	CD0180	-
15	11	3525	254T	**ECP2294T**	17.2	128	22.2	90.8	91.9	91.7	78	86	88	6309	6309	E1	24.69	CD0180	-
15	11	1765	254T	**ECP2333T**	18.5	122.9	44.6	91.9	92.6	92.4	66	77	82	6309	6309	E1	24.69	CD0005	-
15	11	1180	284T	**ECP4100T**	19.7	130.1	66.7	91.9	93	93	59	70	77	6311	6311	E1	27.93	CD0180	-
20	15	3540	256T	**ECP4106T**	22	165	29.8	91.5	92.2	92.4	83	91	92	6309	6309	E1	24.69	CD0180	-
20	15	1765	256T	**ECP2334T**	24	175	59	92.8	93.1	93	69	80	84	6309	6309	E1	24.69	CD0005	-
20	15	1180	286T	**ECP4102T**	26	171.6	89	92.5	93.3	93	61	72	78	6311	6311	F	27.93	CD0180	-
25	19	3510	284TS	**ECP4107T**	27	176	37.3	93.4	93.4	92.4	90	93	93	6311	6208	E1	24.66	CD0180	-
25	19	1770	284T	**ECP4103T**	30	186	74.2	92.3	93.5	93.6	73	81	85	6311	6311	E1	27.93	CD0005	-
25	19	1180	324T	**ECP4111T**	32	198	111	92.8	93.5	93	65	75	79	6312	6312	E1	30.27	CD0180	-
30	22	3520	286TS	**ECP4108T**	33	215	44.5	93.2	93.6	93	83	88	90	6311	6311	F	26.56	CD0180	-
30	22	1770	286T	**ECP4104T**	36	246	89	93.8	94.4	94.1	66	75	83	6311	6311	E1	27.93	CD0005	-
30	22	1180	326T	**ECP4117T**	39	243	133	92.5	93.2	93	62	73	78	6312	6312	E1	30.27	CD0005	-
40	30	3540	324TS	**ECP4109T**	45	326	59.5	92.3	93.4	93.6	80	87	90	6312	6312	F	28.66	CD0180	-
40	30	1775	324T	**ECP4110T**	46	320	118	93.9	94.6	94.5	73	81	84	6312	6312	E1	30.27	CD0180	-
40	30	1190	364T	**ECP4308T**	49.4	290	177	93.6	94.3	94.1	69	77	81	6313	6313	F	33.44	416820-2	-
50	37	3540	326TS	**ECP4114T**	56	403	74.1	94	94.5	94.1	80	87	89	6312	6312	E1	28.66	CD0180	-
50	37	1775	326T	**ECP4115T**	57	392	149	94.4	94.9	94.5	73	82	85	6312	6312	E1	30.27	CD0180	-
50	37	1185	365T	**ECP4312T**	61.7	345	221	93.9	94.4	94.1	70	78	81	6313	6313	F	33.44	416820-2	-
60	45	3560	364TS	**ECP4310T**	65.1	398	88.5	95.3	95.5	95	88	91	91	6313	6313	F	31.31	416820-2	-
60	45	1780	364T	**ECP4314T**	68	430	177	95.2	95.3	95	79	85	87	6313	6313	F	33.44	416820-2	-
60	45	1185	404T	**ECP4403T**	69	425	265	94.9	95.2	95	79	84	86	6316	6316	F	38.31	416820-2	-
75	56	3555	365TS	**ECP4313T**	80.7	494	111	95.1	95.4	95	91	92	92	6313	6313	F	31.31	416820-2	-
75	56	1780	365T	**ECP4316T**	85.9	542	221	95.7	95.8	95.4	77	84	86	6313	6313	F	33.44	416820-2	-
75	56	1185	405T	**ECP4404T**	86.9	541	332	95	95.3	95	73	82	85	6316	6316	F	38.31	416820-2	-
100	75	3565	405TS	**ECP4402T**	110	695	147	94.6	95.1	95	86	89	90	6313	6313	F	35.31	416820-2	-
125	93	3570	444TS	**ECP4412T**	138	820	184	93.9	94.7	95	83	87	86	6313	6313	F	40.98	416820-2	-
125	93	3570	444TS	**ECP4912T**	138	820	184	93.9	94.7	95	83	87	86	6313	6313	F	40.98	416820-2	99

NOTES: Volt Code: E = 208-230/460V, 60Hz; E1 = 230/460V, 60Hz, usable at 208V; F = 230/460V, 60 Hz
99 = Has F3 lead outlet hole and an arm mounted conduit box for easy F1 or F2 lead location.
See page 72 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

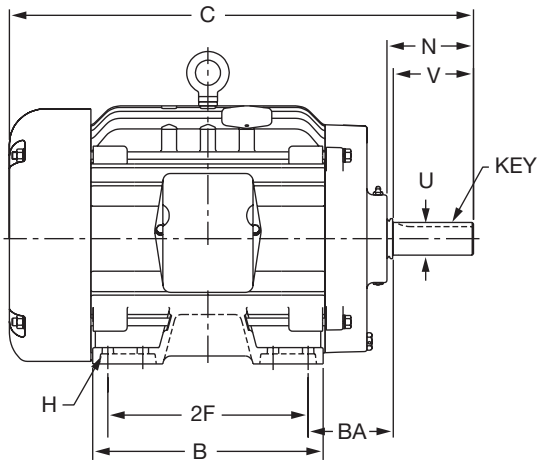
(2) For greater speed range capabilities, please select an Inverter Duty®, Vector Duty®, V*S Master or RPM AC type motor, or contact your local Baldor Sales Office for a custom motor design.

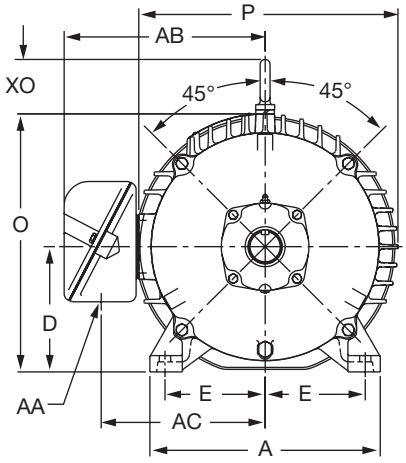
(3) Stock IEEE-841 motors include Division 2 labeling as standard. These motors will require a nameplate change through Mod Express to add inverter duty markings to the motors.

(4) Standard-E EPAct 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.