

## 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.

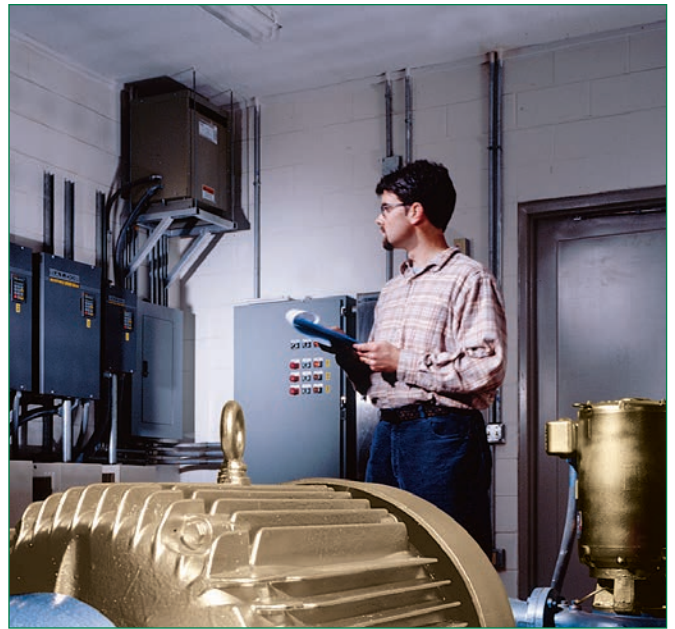
Super-E Totally Enclosed Fan Cooled (TEFC) and Open Drip Proof (ODP) are reliable motors that have kept plants operating efficiently since their introduction in 1983. Explosion-Proof, Close Coupled Pump and Automotive Approved Super-E's deliver premium efficiency for special applications.

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 (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.

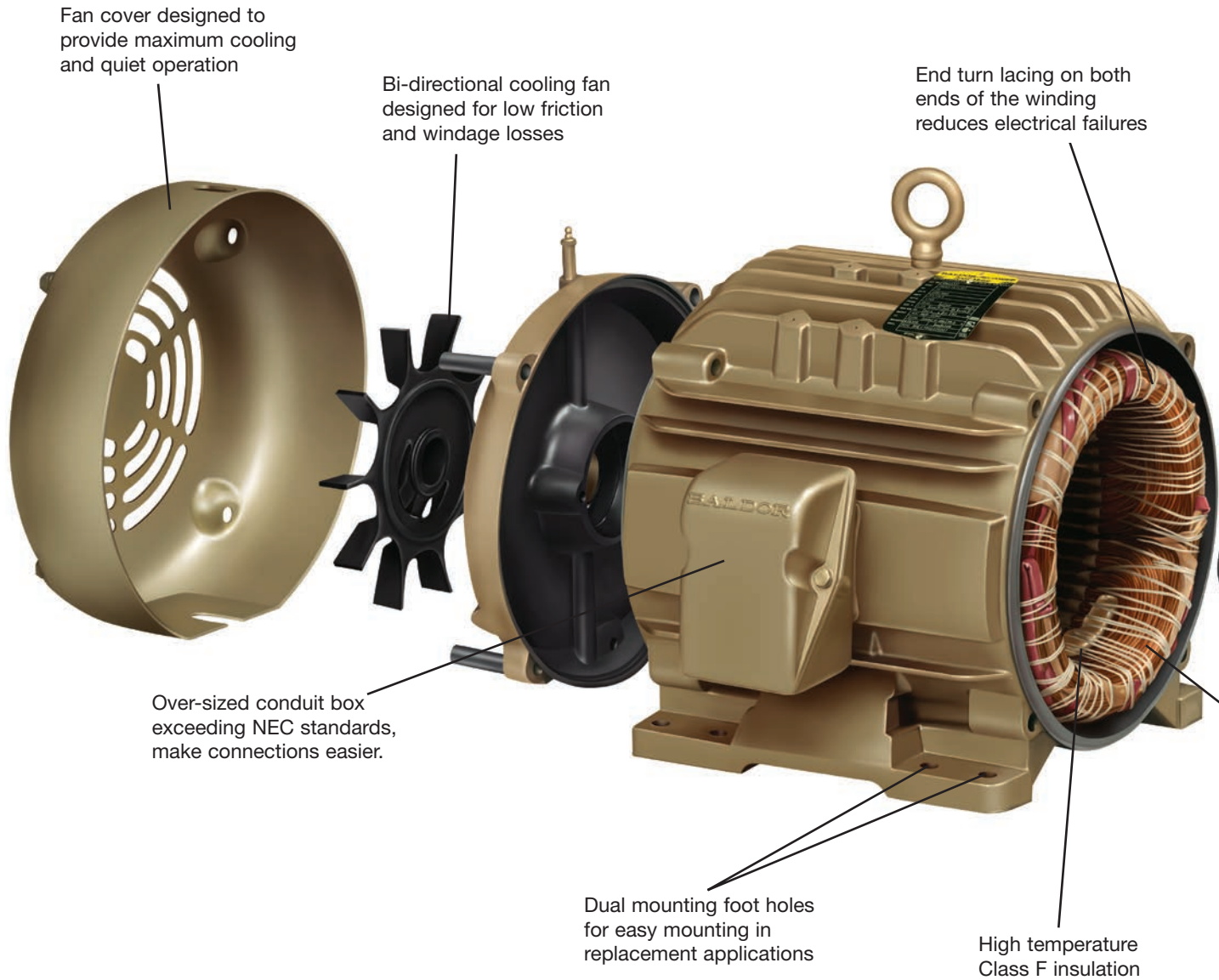
The chart below lists standard features (“S”) in Baldor’s TEFC Premium Efficient motors. Horsepower ranges indicate where certain features are standard in stock products. Additional features optional (“O”) on custom motors, or through Baldor’s Mod-Express.

### TEFC Premium Efficiency Motor Family

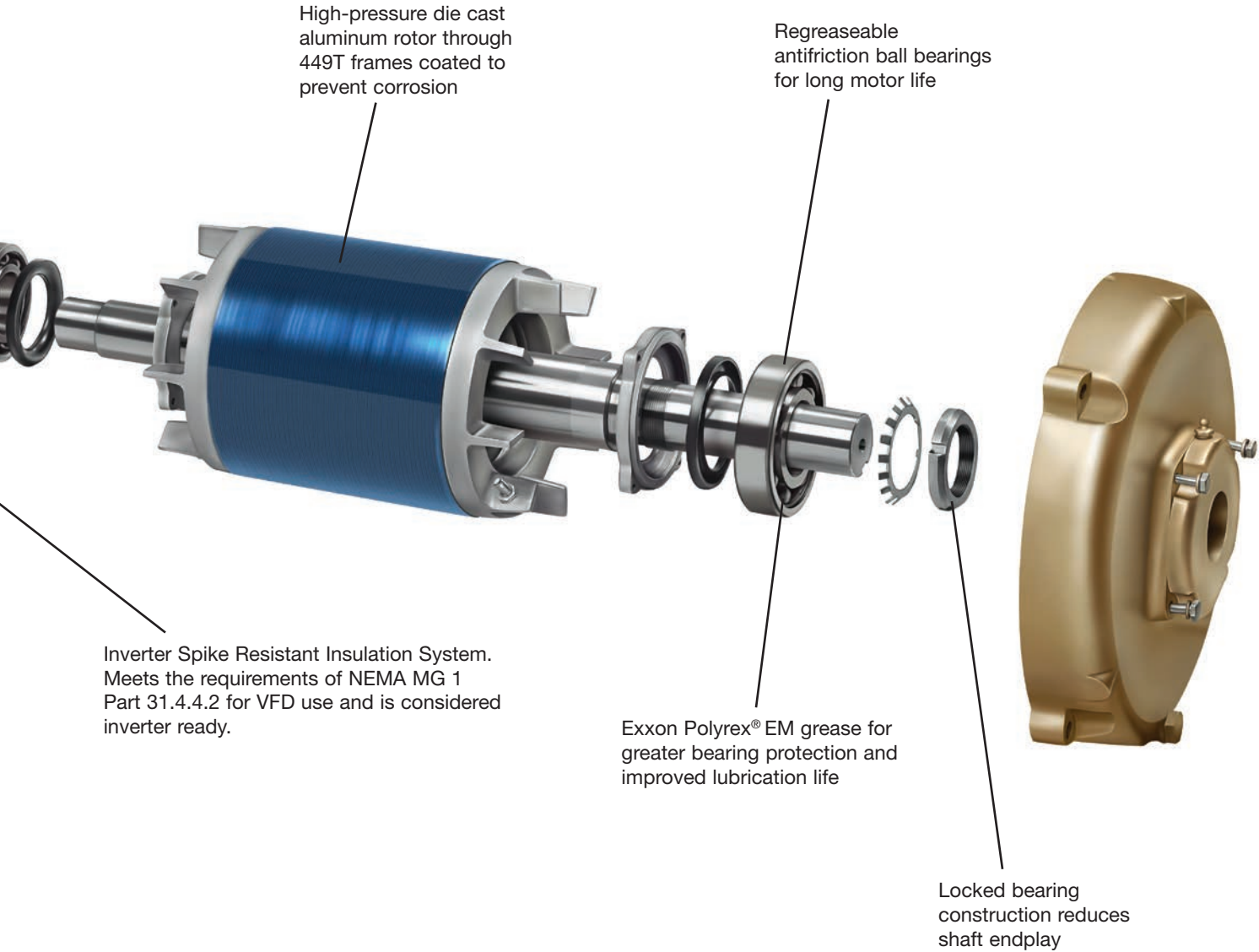
Electrical Features	EM / XE	ECP/XEX	841XL
Hp Range - Stock	1-1000	1-1000	1-250
Class F insulation with Class B rise	S	S	S
1.15 Service factor	S	S	S
200°C Inverter Spike Resistant insulation system	S	S	S
Phase insulation	S	S	S
Corona inception testing - meets NEMA Part 31.4.4.2	S	S	S
Varnish dip & bake 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](http://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.



# Open Drip Proof (ODP) Super-E<sup>®</sup> Motor Construction



Baldor•Reliance Super-E ODP (Open Drip Proof) motors meet or exceed NEMA Premium<sup>®</sup> efficiency for applications where an open motor may be used. The “drip proof” construction provides some protection from the environment, but is best for relatively clean, weather-protected applications. Air circulates freely through the motor for cooling. These motors are available from stock in single or three phase, rigid base, C-face or close-coupled pump mountings.



## Super-E ODP Premium Efficiency Motor Family

Electrical Features	ODP 56T-449T Frames
Hp Range - Stock	1-300
Hp Range - Custom	1 - 350
Class F insulation with Class B rise	S
1.15 Service factor	S
200°C Inverter Spike Resistant Insulation System	S
Phase insulation	S
Corona inception testing - meets NEMA Part 31.4.4.2	S
Varnish dip & bake with 100% solids	S
VPI with 2-part epoxy varnish with 100% solids	O
No silicon lead wire	S
Short commercial test (no-load amps, speed, balance and hi-pot test per NEMA MG 1-1998)	S
Standard test with data sheet supplied with motor (Balance, winding resistance, no load & full load amps and speed, power factor, torque and actor, torque and hi-pot test per NEMA)	O
Mechanical Features	ODP 56T-449T Frames
NEMA Frame sizes	143T - 447T Frames
Steel band with die cast aluminum endplates	143T - 365T Frames
Steel band with cast iron endplates	404 - 405T Frames
Cast iron frame - cast iron endplates	365T - 449T Frames Optional
Cast Aluminum conduit box	143T - 365T Frames
Cast Iron conduit box	404 - 449T
Hardware - cad plated (140T-210T frames), zinc plated (250T-449T frames)	S
Motor unfiltered vibration at rated voltage and frequency <0.15 in/sec. peak velocity	S
Grease inlet with fitting	S
Grease outlet with pressure relief	143T - 215T
Grease outlet with screw-in plug	254T - 449T
Castings coated with 2-part epoxy primer	O
Finish paint with Super-E Gold enamel	S
Finish paint with 2-part dark gray epoxy	O
Laser etched aluminum nameplate with NEMA data	S
Embossed stainless steel nameplate with NEMA data	S
Limited Warranty	3 years

**NOTE:** WPII motors are available in 5000 frame and large.

S = Standard, O = Optional

\*Approvals: All NEMA 143T through 445T, equivalent IEC frame motors are listed under UL recognized "component file # E46145. NEMA 143T through 449T are listed under CSA recognized component file # LR2262. CSA recognition is pending for 5000 and 5800 open frames - check with Baldor for status.

# Open Enclosure Motors – Super-E® Capabilities

## Three Phase

**Typical Frame Size / Speed - RPM**

Hp	3600	1800	1200	900
1	56	143T	145T	182T
1 1/2	143T	145T	182T	184T
2	145T	145T	184T	213T
3	145T	182T	213T	215T
5	182T	184T	215T	254T
7 1/2	184T	213T	254T	256T
10	213T	215T	256T	284T
15	215T	254T	284T	286T
20	254T	256T	286T	324T
25	256T	284T	324T	326T
30	284T	286T	326T	364T
40	286T	324T	364T	365T
50	324T	326T	365T	404T
60	326T	364T	404T	405T
75	364T	365T	405T	444T
100	365T	404T	444T	445T
125	404T	405T	445T	447T
150	405TS, 444TS or 449TS	444T or 449T	445T or 5007L	449T or 5009L
200	444TS or 449TS	445T or 449T	445T, 449T or 5009L	5009L
250	445TS or 449TS	445T or 449T	5009L	5009L or 5011L
300	445TS or 449TS	445T or 5009L	5009L	5011L
350	445TS, 449TS or 5009S	447T, 449T or 5009L	5009L	5810
400	449TS or 5009S	449T or 5009L	5009L	5810
450	449TS or 5009S	449T or 5009L	5011L	5810
500	5009S	5009L	5011L	5810
600	5009S	5009L	5011L or 5810	5810
700	5009S	5011L or 5810	5810	5810
800	5808S	5808	5810	5812
900	5808S	5810	5812	
1000	5808S	5810		
1250	5810S	5812		
1500	5810S	5812		

**NOTE:** Shaded area denotes product scope of NEMA Premium® efficiency motor program.  
See Performance Data for voltage and frame availability.

# Open Drip Proof Super-E® Premium Efficient Motors

Baldor•Reliance Super-E Open Drip Proof (ODP) motors meet or exceed NEMA Premium® efficiency in your choice of steel-band or cast iron frame, ideal for general purpose industrial applications. The ODP enclosure allows air to pass freely through the motor for excellent heat transfer out of the windings. Class F insulation, a 1.15 Service Factor and Exxon Polyrex® EM grease are some of these motors' standard features. Super-E motors have an insulation system that meets the requirements of NEMA MG1 Part 31.4.4.2 for VFD use and are considered Inverter Ready.



## ODP – Open Drip Proof, Foot Mounted, 230/460, 460 & 575 Volts, Three Phase, 1 - 300 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				
<b>230/460 &amp; 460 Volts</b>																			
1	0.75	3500	56	EM3115	1.5	10.8	1.5	74.9	79	80	59	72	80	6205	6203	E	11.06	CD0005	-
1	0.75	1760	143T	EM3116T	1.5	12.1	3	82.1	84.8	85.5	49	62	71	6205	6203	E	11.12	CD0005	-
1	0.75	1155	145T	EM3156T	1.8	9.8	4.5	80.6	83	82.5	44	56	64	6205	6203	E	11.62	CD0005	-
1 1/2	1.1	3490	143T	EM3120T	2	17.2	2.3	82.2	84.7	84	64	76	83	6205	6203	E	11.12	CD0005	-
1 1/2	1.1	1755	145T	EM3154T	2.2	17.5	4.5	83.5	86	86.5	50	63	72	6205	6203	E1	11.62	CD0005	-
1 1/2	1.1	1170	182T	EM3207T	2.6	14	6.8	84.7	87.2	87.5	41	53	62	6206	6205	E	15	CD0005	-
2	1.5	3450	143T	EM3155T	2.5	21.5	3	85.2	86.8	85.5	72	82	87	6205	6203	E	11.62	CD0005	-
2	1.5	1755	145T	EM3157TA	2.9	24.8	6	84.9	87.2	86.5	54	67	73	6205	6203	E	12.13	CD0007	-
2	1.5	1750	145T	EM3157T	2.9	24.3	6	84.4	86.6	86.5	51	64	73	6205	6203	E1	12.12	CD0005	-
2	1.5	1170	184T	EM3215T	3.5	19.8	8.9	86	88.3	88.5	40	52	60	6206	6205	E	16.5	CD0005	-
3	2.2	3450	145T	EM3158T	3.8	32.5	4.5	83.8	85.4	85.5	72	82	87	6205	6203	E1	13	CD0005	-
3	2.2	1765	182T	EM3211T	4.2	32.3	8.9	87.5	89.5	89.5	53	66	73	6206	6205	E1	15	CD0005	-
3	2.2	1760	182T	EM3211TA	4.4	31.3	8.9	88.6	89.9	89.5	53	67	75	6206	6205	E	15	CD0007	-
3	2.2	1160	213T	EM3305T	4.4	26.6	13.6	88.1	89.1	88.5	54	66	72	6307	6206	E1	16.32	CD0005	-
5	3.7	3450	182T	EM3212T	6	50.7	7.7	86.7	87.6	86.5	81	88	91	6206	6205	E	13.62	CD0005	-
5	3.7	1750	184T	EM3218T	6.6	44.8	15	89.7	90.2	89.5	64	75	80	6206	6205	E	16.5	CD0005	-
5	3.7	1750	184T	EM3218TA	6.6	44.8	15	89.8	90.2	89.5	63	75	80	6206	6205	E	16.5	CD0007	-
5	3.7	1160	215T	EM3309T	7.4	53	22.5	89.7	90.1	89.5	53	65	71	6307	6206	E	17.45	CD0005	-
7 1/2	5.6	3450	184T	EM3219T	8.6	86.3	11.3	88.1	89.2	88.5	80	87	91	6206	6205	E	15	CD0005	-
7 1/2	5.6	1770	213T	EM3311T	9.7	68.2	22.1	90.5	91.4	91	62	73	79	6307	6206	E	16.32	CD0005	-
7 1/2	5.6	1180	254T	EM2506T	11	62.8	33.1	88.6	90.4	90.2	52	63	70	6309	6208	E1	23.19	CD0005	-
10	7.5	3500	213T	EM3312T	11.4	98	15	90.9	92	91.7	81	87	90	6307	6206	E	17.45	CD0005	-
10	7.5	1770	215T	EM3313T	12.5	88.3	29.7	91.6	92.3	91.7	66	77	82	6307	6206	E1	17.45	CD0005	-
10	7.5	1180	256T	EM2511T	14.3	91.8	44.4	91	92	91.7	54	65	71	6309	6208	E1	23.19	CD0180	-
15	11	3525	215T	EM3314T	17.5	250	22.6	92.4	91.9	90.2	88	92	92	6307	6206	E1	16.32	CD0005	-
15	11	1765	254T	EM2513T	17.7	118	44.6	93.3	93.5	93	70	81	86	6309	6208	E1	21.69	CD0180	-
15	11	1765	254T	EM2513T-CI	17.8	115	44.6	93.1	93.4	93	70	81	85	6309	6208	E1	20.63	CD0180	-
15	11	1180	284T	EM2524T	20.5	116	66.8	90.7	91.8	91.7	58	69	75	6311	6309	E1	23.81	CD0005	-
20	15	3510	254T	EM2514T	23.5	153	29.6	90.1	91.2	91	74	83	87	6309	6208	E1	21.69	CD0180	-
20	15	1765	256T	EM2515T	23.5	160.8	59.4	92.5	93.2	93	71	81	86	6309	6208	E1	21.69	CD0180	-
20	15	1765	256T	EM2515T-12	23.5	160.8	59.4	92.5	93.2	93	71	81	86	6309	6208	E1	21.69	CD0104	25
20	15	1765	256T	EM2515T-CI	24	164	60	91.9	92.8	93	74	83	87	6309	6208	E1	22.38	CD0005	-
20	15	1180	286T	EM2528T	27	165.4	88.1	92.7	93.3	92.4	59	72	77	6311	6309	E1	23.81	CD0180	-
25	19	3515	256T	EM2516T	28	197	37.2	91.8	92.3	91.7	79	86	89	6309	6208	E1	21.69	CD0180	-
25	19	1760	284T	EM2531T	29	180	74	93.2	93.9	93.6	72	82	86	6311	6309	E1	23.81	CD0180	-
25	19	1770	284T	EM2531T-12	29	180	74	93.2	93.9	93.6	72	82	86	6311	6309	E1	23.81	CD0104	25
25	19	1770	284T	EM2531T-CI	31	189	74.4	92.6	93.6	93.6	66	77	81	6310	6309	E1	23.44	CD0005	-
25	19	1180	324T	EM2532T	34	236	111	92.3	93.2	93	57	69	76	6312	6309	E	27.69	CD0180	-
30	22	3530	284TS	EM2534T	35	205	44.7	91.3	91.9	91.7	79	86	88	6311	6309	E	22.44	CD0180	-
30	22	1770	286T	EM2535T	35	223.6	88.9	93.6	94.2	94.1	72	82	85	6311	6309	E1	25.06	CD0005	-
30	22	1770	286T	EM2535T-12	35	223.6	88.9	93.6	94.2	94.1	72	82	85	6311	6309	E1	25.06	CD0104	25
30	22	1770	286T	EM2535T-CI	35	210	89	93.8	94.2	94.1	75	84	86	6310	6309	E1	24.94	CD0180	-
30	22	1180	326T	EM2536T	38	245.6	132	93.4	93.8	93.6	65	75	80	6312	6309	E1	28.69	CD0005	-
40	30	3530	286TS	EM2538T	46	282	59.6	93.7	93.7	92.4	82	88	89	6311	6309	E	22.44	CD0180	-
40	30	3540	286TS	EM2538T-CI	45	331	59.9	96.1	95.8	94.1	78	85	88	6310	6309	E	23.57	CD0180	-
40	30	1770	324T	EM2539T	49	330	119	94	94.5	94.1	65	76	82	6312	6309	E1	27.19	CD0005	-
40	30	1770	324T	EM2539T-12	47	316	119	94.6	94.8	94.1	68	79	84	6312	6309	E1	27.19	CD0104	25
40	30	1775	324T	EM2539T-CI	46	313	118	94.2	94.8	94.5	72	82	86	6311	6311	E1	26.13	CD0180	-
40	30	1180	364T	EM2540T	51	337	178	93.1	94.1	94.1	64	74	79	6313	6311	E1	29.81	CD0005	-
40	30	1190	364T	EM2540T-CI	49.4	290	177	93.2	94.1	94.1	69	77	81	6313	6313	E1	29.7	416820-2	-

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

25 = Wye Start Delta Run

See page 77 for Layout drawing. See page 93 for Connection Diagrams.

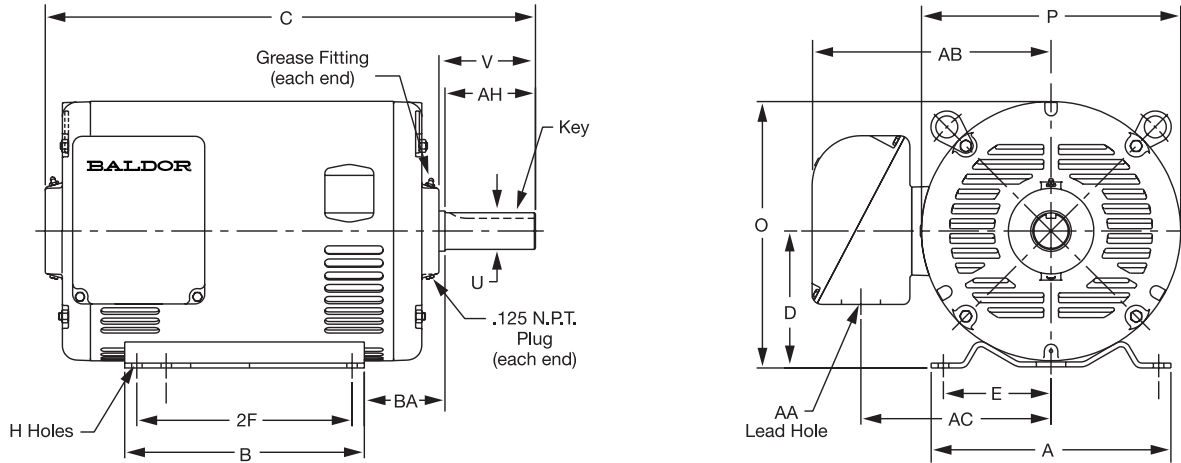
Efficiencies shown are nominal. Data subject to change without notice. Contact Baldor for certified data.

Shaded ratings are cast iron frames.



# Dimensions

## Steel Band Construction – Open Drip-Proof Foot Mounted NEMA 56 through 405TS



NEMA Frame	A	B	D	E	2F	H	Key	N	O	P	U	V	AA	AB	AC	BA
56	6.50	4.50	3.50	2.44	3.00	0.34	0.19	2.44	6.81	6.62	0.625	1.88	0.88	5.61	4.56	2.75
143T 145T	6.50	5.94	3.50	2.75	4.00 5.00	0.34	0.19	2.50	6.81	6.62	0.875	2.25	0.88	5.61	4.56	2.25
182T 184T	8.63	6.50	4.50	3.75	4.50 5.50	0.41	0.25	3.56	8.44	7.88	1.125	2.75	1.09	6.75	5.70	2.75
213T 215T	9.50	8.00	5.25	4.25	5.50 7.00	0.41	0.31	3.88	10.03	9.57	1.375	3.38	1.38	7.93	6.73	3.50
254T 256T	11.25	11.25	6.25	5.00	8.25 10.00	0.53	0.38	4.31	12.00	11.69	1.625	4.00	1.38	9.49	7.69	4.25
284T 286T	12.25	12.25	7.00	5.50	9.50 11.00	0.53	0.50	4.94	13.63	13.25	1.625	4.63	2.00	12.33	9.78	4.75
284TS 286TS	12.25	12.25	7.00	5.50	9.50 11.00	0.53	0.38	3.56	13.63	13.25	1.625	3.25	2.00	12.33	9.78	4.75
324T 326T	14.04	13.50	8.00	6.25	10.50 12.00	0.66	0.50	5.56	15.59	15.19	2.125	5.25	2.50	13.32	10.77	5.25
324TS 326TS	14.04	13.50	8.00	6.25	10.50 12.00	0.66	0.50	4.06	15.59	15.19	1.875	3.75	2.00	13.22	10.71	5.25
364T 365T	15.75	14.00	9.00	7.00	11.25 12.25	0.66	0.62	6.06	16.59	15.12	2.375	5.88	3.62	13.20	10.71	5.88
364TS 365TS	15.75	14.00	9.00	7.00	11.25 12.25	0.66	0.50	3.94	16.59	15.19	1.875	3.75	3.62	13.20	10.71	5.88
404T 405T	18.49	16.62	10.00	8.00	12.25 13.75	0.81	0.75	7.44	18.41	16.81	2.875	7.25	3.62	16.39	12.75	6.63
404TS 405TS	18.49	16.62	10.00	8.00	12.25 13.75	0.81	0.50	4.44	18.41	16.81	2.125	4.25	3.62	16.39	12.75	6.63

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