

**Severe Duty,
Medium Voltage,
Three Phase,
2300/4000 Volts,
TEFC, Foot Mounted**

200 thru 700 Hp

G449 thru G5012

Applications: Petroleum and chemical, mines, foundries, pulp and paper, power generation and waste/water facilities. Suitable for tropical climates and industrial process applications requiring protection against corrosion caused by severe environmental operating conditions.

Features: Premium efficiency (95% or higher), cast iron frame, end shields and inner caps, carbon steel fan cover and air deflector, ground lug in the conduit box, epoxy enamel paint, stainless steel breather and drain, DE shaft slinger, epoxy coating on the rotor OD, stator ID and windings. Stock motors include a three year warranty, precision balance, 100 ohm platinum winding RTD's and space heaters. The "S" shafts are for coupled loads and are not convertible to roller bearings. The "L" shafts are ball bearing and convertible to roller bearing. Belted duty "LR" shafts are roller bearing and convertible to ball bearing. All "L" and "LR" shafts are Class II material.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status (a)	Notes (a)
200	3600	G449TS	ECP44202T-2340	46,094	LM	49.48	2300	95	2300/4000	25	C	1, 27, 64
	1800	G449T	ECP44204T-2340	44,894	LM	53.24	2228	95	2300/4000	26	C	1, 27, 64
250	3600	G5008	ECP50252S-2340	72,523	LM	48.93	5300	95	2300/4000	32	C	1, 64
	1800	G5008	ECP50254L-2340	71,137	LM	48.93	4700	95	2300/4000	33	C	1, 27, 64
		G5008	ECP50254S-2340	68,831	LM	48.93	5900	95	2300/4000	33	C	1, 27, 64
	1200	G5008	ECP50256LR-2340	78,954	LM	48.93	5650	95	2300/4000	34	C	1, 5, 64
300	3600	G5008	ECP50302S-2340	74,637	LM	48.93	5300	95.2	2300/4000	38	C	1, 27, 64
	1800	G5008	ECP50304L-2340	72,875	LM	48.93	5140	95	2300/4000	40	C	1, 27, 64
		G5008	ECP50304S-2340	70,569	LM	48.93	5900	95	2300/4000	40	C	1, 27, 64
	1200	G5010	ECP50306LR-2340	81,347	LM	48.93	5650	95	2300/4000	40	C	1, 5, 64
350	3600	G5008	ECP50352S-2340	76,438	LM	48.93	6000	95	2300/4000	44	C	1, 27, 64
	1800	G5008	ECP50354L-2340	74,622	LM	48.93	6000	95.1	2300/4000	47	C	1, 27, 64
		G5008	ECP50354S-2340	72,317	LM	48.93	6000	95.1	2300/4000	47	C	1, 27, 64
	1200	G5010	ECP50356LR-2340	87,287	LM	48.93	6600	95	2300/4000	46	C	1, 5, 64
400	3600	G5010	ECP50402S-2340	78,767	LM	48.93	6000	95.1	2300/4000	51	C	1, 27, 64
	1800	G5008	ECP50404L-2340	76,406	LM	48.93	4036	95.3	2300/4000	54	C	1, 27, 64
		G5008	ECP50404S-2340	74,100	LM	48.93	6000	95.3	2300/4000	54	C	1, 27, 64
	1200	G5012	ECP50406LR-2340	90,232	LM	48.93	6600	95.2	2300/4000	53	C	1, 5, 64
450	1800	G5010	ECP50454L-2340	78,121	LM	48.93	6200	95.5	2300/4000	59	C	1, 27, 64
	1200	G5012	ECP50456S-2340	92,150	LM	48.93	5800	95.2	2300/4000	60	C	1, 27, 64
500	3600	G5010	ECP50502S-2340	87,084	LM	48.93	5500	95.5	2300/4000	63	C	1, 27, 64
	1800	G5010	ECP50504L-2340	81,137	LM	48.93	5500	95.7	2300/4000	65	C	1, 27, 64
		G5012	ECP50506LR-2340	100,698	LM	48.93	6600	95.2	2300/4000	66	C	1, 5, 64
600	3600	G5010	ECP50602S-2340	85,436	LM	48.93	5500	95.2	2300/4000	76	C	1, 27, 64
	1800	G5012	ECP50604L-2340	75,667	LM	48.93	5500	95.4	2300/4000	79	C	1, 27, 64
700	1800	G5012	ECP50704L-2340	86,814	LM	79.14	5000	95.6	2300/4000	89	C	1, 27, 64
		G5012	ECP50704S-2340	86,814	LM	48.93	6500	95.6	2300/4000	92	C	1, 27, 64

(a) See notes on inside back flap.

All ratings are 1.00 service factor, Class B rise and 1.15 service factor, Class F rise at 40°C ambient. All ratings meet 50°C ambient at 1.00 service factor and IP54 Ingress protection marine duty (below deck).

Custom TEFC motors available through 2,250 Hp; Open and WPIL custom motors through 15,000 Hp. Contact your Baldor•Reliance Sales Representative.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors