



INDEX – CRUSHER DUTY® PRODUCTS

FRACTIONAL HP

GENERAL PURPOSE

NEMA PREMIUM EFFICIENCY

CRUSHER DUTY

IEC TRU-METRIC™

PUMP MOTORS

DEFINITE PURPOSE

ADD-ON™ MODIFICATIONS

MOTOR TECHNICAL DATA

DRIVES & SOFT STARTERS

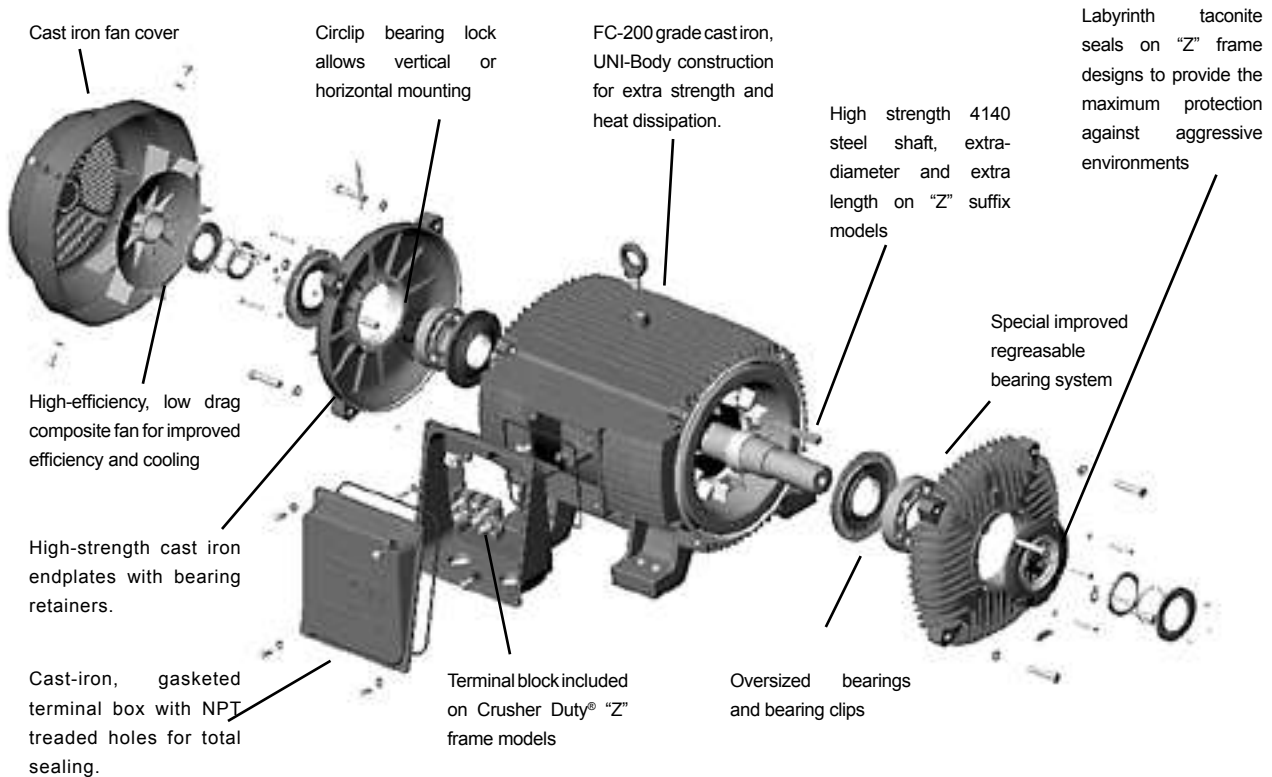
CONTROLS



CRUSHER DUTY® MOTORS FEATURES & LIST PRICES

– Horizontal A-57–A-59

WEG – THE ORIGINAL AND STILL THE BEST CRUSHER DUTY® MOTOR IN THE INDUSTRY



THE ONLY MOTORS OFFICIALLY REGISTERED AS CRUSHER DUTY®

The complete family of WEG motors designed for use in the rock processing industries carries the trademark Crusher Duty®, as registered by the United States Patent and Trademark Office (Reg. No. 2514969, issued December 4, 2001).



FOR THE MOST DEMANDING ROCK CRUSHER APPLICATIONS

WEG Crusher Duty® motors are specifically designed to meet the demanding requirements of the rock crushing industry. FC200 grade cast iron, provides superior strength and heat dissipation. And 4140 high-strength steel shafts keep the motor running when others fail. These motors are designed for vertical or horizontal mounting and have exceptional high starting and breakdown torque. Compare the standard features of the WEG Crusher Duty® motor to any other and see why these motors are “Crusher Duty®” tough!

APPLICATIONS

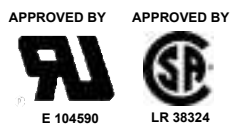
- Primary, secondary and tertiary crusher
- Jaw crushers
- Roller crushers
- Vertical Shaft Impact crushers
- Gyration crushers
- Cage mills
- Cone crushers
- Horizontal Shaft Impact crushers
- Hammermills
- Grizzly feeders
- Also recommended for belt feeders and belt conveyors

STANDARD FEATURES

- Design 'A' torque for maximum performance highest break-down torque
- Three-phase, 60Hz
- Voltage: 208-230/460 or 460V
- Totally Enclosed Fan Cooled – TEFC (IP55) water tight and dust tight enclosure
- Class 'F' insulation for all frames
- Class 'H' resin insulation system
- Service factor: 1.15
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- Roller bearings standard on all Crusher Duty® model motors
- F1 mount
- Terminal box rotatable
- Stainless steel nameplate - laser etching
- Versatile starting methods – capable of wye-delta, across line and part winding (12 leads)
- Paint: synthetic enamel alkyd resin base (exceeds ASTM B117 salt spray test)
- Color: RAL 7022 – Dark Gray
- Primary, secondary and tertiary crusher

“Z” MOTORS

- Terminal block
- Larger diameter shafts for the highest overhung load ratings in the industry
- Oversized roller bearings for maximum load capacity
- Labyrinth seal on both ends



Note: All motors are tested according to IEEE 112 Std. – Method 'B' or C390 CSA. Energy efficiency motors verified by UL in addition to the DOE.

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CRUSHER DUTY® MOTORS – “A FAMILY OF PRODUCTS”



CRUSHER DUTY® MOTORS – HORIZONTAL

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	Notes
50	900	404T	05009ES3EKD404T	7,766	K1	1116	61.5	91.0	38.077	208-230/460V	○
60	900	405T	06009ES3EKD405T	8,782	K1	1169	75.5	91.0	38.077	208-230/460V	○
75	900	444T	07509ES3GKD444T	12,834	K1	1631	92.5	92.0	43.776	460V	○
100	1800	405T	10018EP3ERB405T	8,922	W1	1273	115	94.5	38.077	208-230/460V	○
	1800	405T	10018EP3GRB405T	8,922	W1	1273	115	94.5	38.077	460V	○
	1200	444T	10012EP3GRB444T	12,174	W1	1720	121	94.1	43.776	460V	○
	900	445T	10009ES3GKD445T	14,961	K1	1896	133	92.0	43.776	460V	○
125	1800	444T	12518EP3GRB444T	11,848	W1	1647	138	94.5	43.776	460V	○
	1200	445T	12512EP3GRB445T	14,419	W1	2050	141	94.1	43.776	460V	○
	900	447T	12509ES3GKD447T	17,763	K1	2132	155	92.5	47.299	460V	○
150	1800	445T	15018EP3GRB445T	13,973	W1	1841	168	95.0	43.776	460V	○
	1200	447T	15012EP3GRB447T	16,920	W1	2167	171	95.0	47.299	460V	○
	900	447T	15009ES3GKD447T	19,804	K1	2337	189	92.5	47.299	460V	○
200	1800	445T	20018EP3GRB445T	17,295	W1	2117	230	95.0	43.776	460V	○
	1800	447T	20018EP3GRB447T	17,295	W1	2194	230	95.0	47.299	460V	○
	1200	447T	20012EP3GRB447T	20,943	W1	2467	236	95.0	47.299	460V	○
	1200	505Z	20012EP3GKD505Z	19,574	K1	2517	236	95.0	50.449	460V	○★
	900	449T	20009ES3GKD449	28,887	K1	3706	265	93.5	54.976	460V	○
	900	449TZ	20009ES3GKD449TZ	28,887	K1	3856	265	95.5	58.370	460V	◆○★
	900	586/7	20009ES3GKD586/7	35,807	K1	3925	256	94.5	59.421	460V	◆○
250	1800	447T	25018ES3GKD447T	18,181	K1	2425	286	94.5	47.299	460V	○
	1800	447TZ	25018ES3GKD447TZ	18,181	K1	2475	286	94.5	50.424	460V	◆○★
	1800	505	25018ES3GKD505	18,853	K1	2425	286	94.5	49.449	460V	◆○
	1800	505Z	25018ES3GKD505Z	18,853	K1	2475	286	94.5	50.449	460V	◆○★
	1200	449T	25012ES3GKD449	24,455	K1	3274	307	94.5	54.976	460V	○
	1200	449TZ	25012ES3GKD449TZ	24,455	K1	3324	307	94.5	58.370	460V	◆○★
	1200	586/7	25012ES3GKD586/7	30,906	K1	3660	305	94.0	59.421	460V	◆○
	1200	586/7Z	25012ES3GKD580Z	30,906	K1	3710	305	94.0	64.949	460V	○★
	900	586/7	25009ES3GKD586/7	38,507	K1	4123	313	93.9	59.421	460V	○

- ELECTRICAL FEATURES ON PAGE B-14.
- MECHANICAL FEATURES ON PAGE B-62.

- = Roller Bearing
- ★ = Z-Frame; Bigger shaft diameter and bearings.
- ◆ = Product may not be available from stock

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300	1800	449T	30018ES3GKD449	25,452	K1	3104	354	94.1	54.976	460V	○
	1800	449TZ	30018ES3GKD449TZ	25,452	K1	3154	354	94.1	58.370	460V	◆○★
	1800	586/7	30018ES3GKD586/7	29,492	K1	3372	331	95.0	59.421	460V	◆○
	1800	586/7Z	30018ES3GKD580Z	29,492	K1	3422	331	95.0	64.949	460V	○★
	1200	449T	30012ES3GKD449	31,923	K1	3495	360	94.7	54.976	460V	○
	1200	449TZ	30012ES3GKD449TZ	31,923	K1	3545	360	94.7	58.370	460V	◆○★
	1200	586/7	30012ES3GKD586/7	35,956	K1	3903	361	94.5	59.421	460V	○
	1200	586/7Z	30012ES3GKD580Z	35,956	K1	3953	361	94.5	64.949	460V	○★
350	900	586/7	30009ES3GKD586/7	48,322	K1	4293	367	94.0	59.421	460V	○
	1800	449T	35018ES3GKD449	28,213	K1	3472	404	95.0	54.976	460V	○
	1800	449TZ	35018ES3GKD449TZ	28,213	K1	3522	404	95.0	58.370	460V	◆○★
	1800	586/7	35018ES3GKD586/7	31,647	K1	3760	391	95.0	59.421	460V	◆○
	1800	586/7Z	35018ES3GKD580Z	31,647	K1	3810	391	95.0	64.949	460V	○★
	1200	586/7	35012ES3GKD586/7	39,323	K1	4355	420	94.9	59.421	460V	◆○
	1200	586/7Z	35012ES3GKD580Z	39,323	K1	4405	420	94.9	64.949	460V	○★
400	900	586/7	35009ES3GKD586/7	50,823	K1	4686	431	94.7	59.421	460V	◆○
	1800	586/7	40018ES3GKD586/7	36,764	K1	4168	451	95.0	59.421	460V	◆○
	1800	586/7Z	40018ES3GKD580Z	36,764	K1	4218	451	95.0	64.949	460V	○★
	1200	586/7	40012ES3GKD586/7	43,174	K1	4498	484	94.9	59.421	460V	◆○
450	1200	586/7Z	40012ES3GKD580Z	43,174	K1	4548	484	94.9	64.949	460V	○★
	1800	586/7	45018ES3GKD586/7	39,430	K1	4388	496	95.0	59.421	460V	◆○
	1800	586/7Z	45018ES3GKD580Z	39,430	K1	4438	496	95.0	64.949	460V	○★
	1200	586/7	45012ES3GKD586/7	46,689	K1	4620	540	95.0	59.421	460V	◆○
500	1200	586/7Z	45012ES3GKD580Z	46,689	K1	4670	540	95.0	64.949	460V	○★
	1800	586/7	50018ES3GKD586/7	40,537	K1	4587	555	95.2	59.421	460V	◆○
	1800	586/7Z	50018ES3GKD580Z	40,537	K1	4637	555	95.2	64.949	460V	○★
	1200	586/7Z	50012ES3GKD580Z	49,557	K1	5115	660	95.0	64.949	460V	○★

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