

Crusher Duty Motors

Foot Mount TEFC

Applications:

Belt-driven rock crushers, pellet mills, and other applications requiring motors rated for severe duty service and high starting torques.

Features:

- Exceeds MG 1 Part 31
- Regreasable Bearings
- 1.15 Service Factor @60 Hz;
1.0 Service Factor @50 Hz
- F1, F2 Convertible
- 4140 Carbon Steel Shaft
- Multi-Frame Mount
- Gasketed Conduit Boxes 5011-5811
- Corrosion Resistant Paint
- T Drain Holes
- Protection-IP55
- Vacuum Pressure Impregnation for all Windings
- Class F Insulation System, Class B Rise at Full Load
- Roller Bearing on DE
- Class I, Division II, Group F&G, T3
- High Locked Rotor and Breakdown Torques
- Stainless Steel Nameplate and Zinc Plated Hardware
- 40° C Ambient Continuous Duty
- Totally Enclosed Fan Cooled, Cast Iron Frames
- Bearing Lock Nut on ODE for Vertical Application



NEMA

Standard Full Line Motors

Crusher Duty Motors Foot Mount TEFC



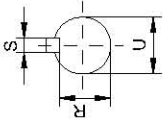
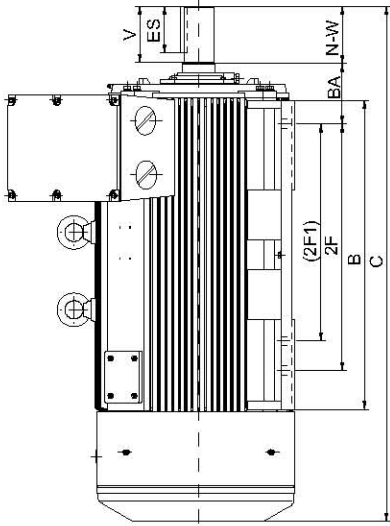
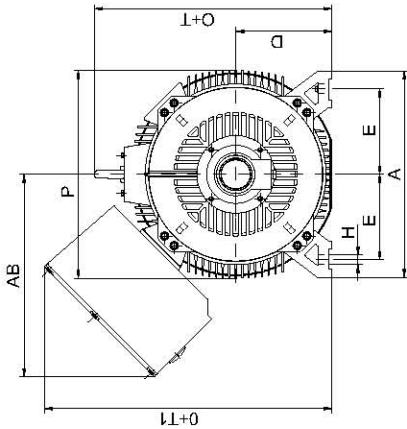
HP	RPM	Voltage	Frame	Catalog Number	Full Eff. 100%	Full Amps 460 V	Ship Wt. (lbs)
100	1800	208-230/460V	405T	CUP10041	95.4	112	1443
	1200	208-230/460V	444T	CUP10061	95	117	1781
125	1800	208-230/460V	444T	CUP12541	95.4	135	1681
	1200	208-230/460V	445T	CUP12561	95	140	1994
150	1800	208-230/460V	445T	CUP15041	95.8	164	1894
	1200	208-230/460V	447T	CUP15061	95.8	168	2088
200	1800	208-230/460V	447T	CUP20041	96.2	222	2125
	1200	208-230/460V	449T	CUP20061	95.8	229	2384
250	1800	208-230/460V	449T	CUP25041	96.2	278	2468
		208-230/460V	505Z	CUP25042	96.2	278	2666
		208-230/460V	505UZ	CUP25043	96.2	278	2644
	1200	208-230/460V	449T	CUP25061	95.8	284	2954
		208-230/460V	586/7	CUP25062	95.8	284	3940
		208-230/460V	586/7UZ	CUP25063	95.8	284	2939
300	1800	208-230/460V	449T	CUP30041	96.2	328	3870
		208-230/460V	586/7	CUP30042	96.2	328	3870
		208-230/460V	586/7UZ	CUP30043	96.2	328	3236
	1200	208-230/460V	449T	CUP30061	95.8	341	4466
		208-230/460V	586/7	CUP30062	95.8	341	4466
		208-230/460V	586/7UZ	CUP30063	95.8	341	0
350	1800	208-230/460V	586/7	CUP35041	96.2	387	0
		208-230/460V	586/7UZ	CUP35042	96.2	387	0
	1200	208-230/460V	586/7	CUP35061	95.8	389	0
		208-230/460V	586/7UZ	CUP35062	95.8	389	0
400	1800	208-230/460V	586/7	CUP40041	96.2	435	5599
		208-230/460V	586/7UZ	CUP40042	96.2	435	0
	1200	208-230/460V	586/7	CUP40061	95.8	462	0
		208-230/460V	586/7UZ	CUP40062	95.8	462	0
450	1800	208-230/460V	586/7	CUP45041	96.2	487	0
	1200	208-230/460V	586/7	CUP45061	95.8	500	0
500	1800	208-230/460V	586/7	CUP50041	96.2	541	0
		208-230/460V	586/7UZ	CUP50042	96.2	541	0
	1200	208-230/460V	586/7	CUP50061	95.8	555	0
		208-230/460V	586/7UZ	CUP50062	95.8	555	0

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Mounting and overall dimensions

405T-586/7UZ



NEMA

Standard Full Line Motors

Type	A	B	C	D	2E	2F	(2F1)	H	P	T	AA	AB	BA	S	TH	ES	R	N-W	U
405T	19.22	18.25	41.36	10	16	13.75	12.25	4-0.81	21.56	25.6	1-NPT3	21.12	6.62	0.75	0.75	5.65	2.45	7.25	2.875
444T	22.05	18.75	47.8	11	18	14.5	-	4-0.81	25.83	26.54	1-NPT3	22.24	7.5	0.875	0.875	6.91	2.88	8.5	3.375
445T	22.05	19.29	48.1	11	18	16.5	14.5	4-0.81	25.83	26.54	1-NPT3	22.24	7.5	0.875	0.875	6.91	2.88	8.5	3.375
447T	22.05	22.83	59.54	11	18	20	-	4-0.81	26.77	27.83	2-NPT3	22.95	7.5	0.875	0.875	8.5	2.88	10.125	3.375
449T	22.05	27.83	64.54	11	18	25	20	4-0.81	26.77	27.83	2-NPT3	22.95	7.5	0.875	0.875	8.5	2.88	10.125	3.375
505T	24.8	20.87	56.12	12.5	20	18	16	4-0.94	26.77	30.2	2-NPT3	21.85	8.5	1	1	10	3.309	11.625	3.875
586/7UZ	28	29.72	71.02	14.5	23	25	22	6-1.1	33	30.2	2-NPT3	30.94	10	1	1	10	3.817	11.625	4.375