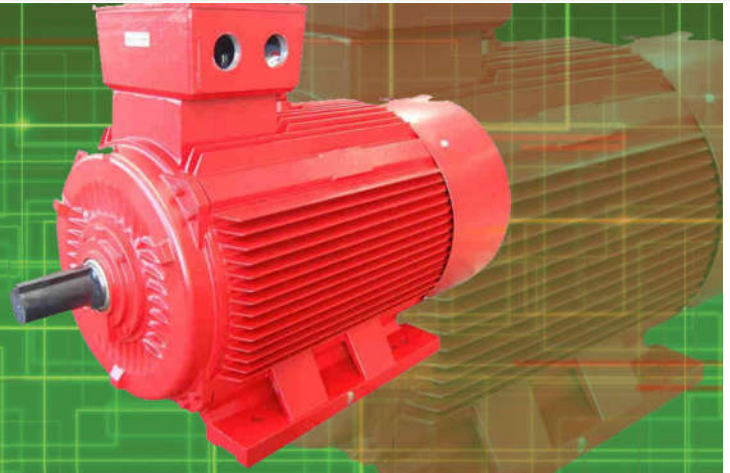


The background image shows a large industrial motor, likely a three-phase asynchronous motor, in a factory setting. The motor is light blue with a large cooling fan on the front. It is mounted on a metal frame. In the background, there are other industrial components, including a yellow cylindrical part and various pipes and electrical connections. The lighting is warm, suggesting an indoor industrial environment. A semi-transparent white box is overlaid on the right side of the image, containing the product name in bold black text. A solid green vertical bar is on the left side of the image.

G2 SERIES THREEPHASE ASYNCHRONOUS MOTOR IE2IE3

G2 SERIES THREEPHASE ASYNCHRONOUS MOTOR IE2IE3



INTRODUCTION

These three phase motors are made to IEC standards. These are superior motors having excellent power factors, efficiencies and starting torques. These motors are widely used in the agricultural, pumping, manufacturing and building service industries.

MOTOR FEATURES

- Utilise IP55 enclosures, other requests
- Class F insulation, Class H available on request
- 380/415 Volt 50/60 Hz windings
- High quality magnet wire
- Vacuum varnish impregnation For superior tropic proof insulation
- Continuous SI operation
- Industrial type service factors
- Heavy duty ball bearings
- High strength cast iron frame
- Balanced rotors

MOTOR FEATURES

- | | |
|-----------------------------------|------------------------------|
| ➤ Water dust and vermin resistant | ➤ Very low vibration |
| ➤ Quiet operation | ➤ Very low power consumption |
| ➤ Corrosion resistant | ➤ Superior life |



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IE2 TECHNICAL DATA-G2

SPEED 3000RPM2-POLE50HZ

Model	Rated Output		Rated Speed rpm	Efficiency η %	Powr Factor COS ϕ	Rated Current A			Tared Torque Num	Ts/Tn	Tmax/tn	Is/IN	Weight kg
	KW	HP				380	400	415					
G 2-801-2	075	1	2875	77.4	0.83	1.77	1.68	1.62	2.49	2.5	3	5.30	18
G2-802-2	1.1	1.5	2875	79.6	0.84	2.50	2.37	2.29	3.65	3.2	3.8	7.00	19
G2-90S-2	1.5	2	2890	81.3	0.84	3.32	3.16	3.04	4.96	2.7	3.5	7.10	24
G2-90L-2	2.2	3	2890	83.2	0.85	4.72	4.48	4.32	7.27	2.4	3	6.90	27
G2-1001-2	3	4	2891	84.6	0.87	6.17	5.86	5.65	9.91	3.2	4	8.00	41
G2-112M 2	4	5-5	2914	85.8	0.88	8.04	7.64	7.36	13.11	2.5	3	7.50	48
G2-132S1-2	5.5	7.5	2937	87.0	0.86	11.2	10.6	10.2	17.88	2.7	3.5	7.50	73
G2-132S2-2	7.5	10	2940	88.1	0.88	14.6	13.9	13.4	24.36	2.4	3.3	7.50	81
G 2-1601-2	11	15	2930	89.4	0.89	21.0	19.9	19.2	35.85	2.2	2.9	7.60	125
G2 160M2 2	15	20	2930	90.3	0.89	28.4	26.9	26.0	48.89	2.3	3	7.60	137
G2-160L-2	18.5	25	2937	90.9	0.89	34.7	33.0	31.8	60.15	2.3	3.1	7.40	152
G2-180M-2	22	30	2940	91.3	0.88	41.6	39.5	38.1	71.46	2.8	3.2	7.80	187
G2-200L1-2	30	40	2950	92.0	0.88	56.2	53.4	51.5	97.12	2.6	3	7.80	241
G2 200L2	37	50	2950	92.5	0.89	68.2	64.8	62.5	119.78	2.6	3	7.70	261
G2 225M 2	45	60	2960	92.9	0.89	82.5	78.4	75.6	145.19	2.4	2.6	7.50	348
G2-250M-2	55	75	2965	93.2	0.90	99.5	94.5	91.1	177.15	2.3	2.8	7.10	400
G2-280S-2	75	100	2970	93.8	0.90	135	128	123	241.16	2.5	2.8	7.40	540
G2-280M 2	90	125	2970	94.1	0.91	160	152	146	289.39	2.8	2.8	7.60	588
G2-315S-2	110	150	2975	94.3	0.91	194	185	178	353.11	2.4	2.8	6.90	948
G 2-315M-2	132	180	2975	94.6	0.91	233	221	213	423.73	2.6	2.9	7.10	1009
G2-315LI-2	160	200	2975	94.8	0.92	278	265	255	513.61	2.5	2.9	7.10	1111
G2-315L2-2	200	270	2975	95.0	0.92	348	330	318	642.02	2.5	2.8	6.90	1142
G2-355M-2	250	340	2980	95.0	0.92	434	412	398	801.17	2.5	2.8	7.00	1938
G2-355L-2	315	430	2980	95.0	0.92	547	520	501	1009.18	2.5	2.9	7.00	2346



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