

ELECTRICAL DATA

Asynchronous three-phase motors, squirrel-case rotor.
External cooling IC 411, continuous service S1.
Isolating class 155(F), protection grade IP 55.

Aluminum motors **IE2-MS** series

Cast iron motors **IE2-EG** series

Synchronous speed 1500 rpm - 4 poles

400 V, 50 Hz

TYPE	Power		M _N N.m	n rpm	IE2 efficiency class EN 60034-2-1			I _N 400 V A	I _A /I _N	Cosφ	M _A /M _N	M _K /M _N	J Kgm ²	Noise level dB(A)	m Kg
	kW	CV			100%	75%	50%								
IE2-MS 80 2-4	0.75	1	5.02	1420	79.5	79.7	77.5	1.88	5.7	0.73	2.85	2.77	0.0027	58	12.0
IE2-MS 90 S-4	1.1	1.5	7.35	1430	81.5	81.6	79.3	2.67	6	0.73	2.8	2.35	0.0031	61	14.0
IE2-MS 90 L-4	1.5	2	10	1430	82.9	83	80.2	3.57	6.3	0.73	2.9	2.3	0.0040	61	17.8
IE2-MS 100 L1-4	2.2	3	14.5	1450	84.5	84.7	82.2	4.85	6.2	0.78	2.2	2.6	0.0076	64	23.5
IE2-MS 100 L2-4	3	4	19.8	1450	85.5	85.7	83.8	6.49	6.6	0.78	2.5	2.6	0.0092	64	27.4
IE2-MS 112 M-4	4	5.5	26.3	1455	86.7	85.9	82.1	8.58	7.3	0.78	2.5	2.9	0.0123	65	35.7
IE2-MS 132 S-4	5.5	7.5	36.1	1455	88	86.8	84.4	11	7.3	0.82	2.3	2.8	0.0204	72	45.4
IE2-MS 132 M-4	7.5	10	49.3	1455	88.8	89.2	88.2	14.25	7	0.86	2.2	2.4	0.0296	72	58.6
IE2-EG 160 M-4	11	15	72	1460	89.8	89.7	88.2	21	8.9	0.84	2.2	2.3	0.0771	73	123
IE2-EG 160 L-4	15	20	98.1	1460	90.6	90.5	89.1	28.1	8.9	0.85	2.2	2.3	0.1010	73	153
IE2-EG 180 M-4	18.5	25	120	1470	91.2	91.1	89.8	34	7.9	0.86	2.2	2.3	0.1520	76	204
IE2-EG 180 L-4	22	30	143	1470	91.6	91.5	90.3	40.3	7.9	0.86	2.2	2.3	0.1870	76	215
IE2-EG 200 L-4	30	40	195	1470	92.3	92.2	91.1	54.5	7.9	0.86	2.2	2.3	0.2850	76	243
IE2-EG 225 S-4	37	50	240	1475	92.7	92.6	91.5	66.2	7.9	0.87	2.2	2.3	0.4730	78	305
IE2-EG 225 M-4	45	60	292	1470	93.1	93	92	80.1	7.9	0.87	2.2	2.3	0.5540	78	328
IE2-EG 250 M-4	55	75	355	1480	93.5	93.4	92.4	97.5	7.9	0.87	2.2	2.3	0.7510	79	452
IE2-EG 280 S-4	75	100	486	1475	94	93.9	93	132	7.9	0.87	2.2	2.3	1.9200	80	592
IE2-EG 280 M-4	90	125	583	1475	94.2	94.1	93.3	158	7.9	0.87	2.2	2.3	2.3200	80	672
IE2-EG 315 S-4	110	150	707	1485	94.5	94.4	93.6	195	7.6	0.86	2.1	2.2	2.3400	88	980
IE2-EG 315 M-4	132	180	849	1485	94.7	94.6	93.8	233	7.6	0.86	2.1	2.2	2.5800	88	1040
IE2-EG 315 L1-4	160	220	1029	1485	94.9	94.9	94.1	282	7.6	0.86	2.1	2.2	2.9600	88	1180
IE2-EG 315 L2-4	200	270	1286	1485	95.1	95.1	94.3	357	7.6	0.85	2.1	2.2	3.4600	88	1260
IE2-EG 355 M-4	250	340	1608	1485	95.1	95.1	94.3	421	7.6	0.90	2.1	2.2	6.6000	95	1810
IE2-EG 355 L2-4	315	430	2026	1485	95.1	95.1	94.3	537	7.6	0.89	2.1	2.2	7.5500	95	1910

* The electrical data are not restricted to the series, for more detailed information please ask. Data of MSX and EGQ series.