

Type : 3EG132M4D-FC-B0-000

Date : 03.01.2022

Power [kW]	: 7.50	Efficiency Class	: IE3
Input Voltage [V]	: 400	Duty Cycle	: S1
Connection Type [Δ / Y]	: Δ	Service Factor	: 1.20
Frequency [Hz]	: 50	Frame Size	: 132M
Pole Number	: 4	Weight [kg]	: --
Nominal Speed [rpm]	: 1465	Insulation Class	: F [155°C]
Nominal Current [A]	: 14.4	Temperature Rise	: B [80°K]
Nominal Moment [Nm]	: 48.9	Protection Class	: IP55
Nominal Efficiency [η]	: 90.4	Vibration Severity Grade	: A
Power Factor [cosφ]	: 0.83	Method of Cooling	: IC411
Locked Rotor Current [Ia/In]	: 7.9	Direction of Rotation	: Bidirectional
Locked Rotor Torque [Ma/Mn]	: 3.0	Balance	: Half Key
Breakdown Torque [Mk/Mn]	: 3.4	Motor Protection	: --
Motor Color	: RAL 7031	Altitude Above Sea Level	: 1000m
Ambient Temperature	: -15°C / +40°C	Sound Pressure Level [dBA]	: 61

ELECTRICAL DATA

Δ / Y	U [V]	f [Hz]	P [kW]	n [rpm]	I [A]	η [%100]	η [%75]	η [%50]	Cosφ	Cl
Δ	400	50	7.50	1465	14.4	90.4	90.4	89.4	0.83	IE3
Y	690	50	7.50	1465	8.31	90.4	90.4	89.4	0.83	IE3
Δ	460	60	8.70	1760	14.2	91.7	92.3	91.5	0.84	IE3

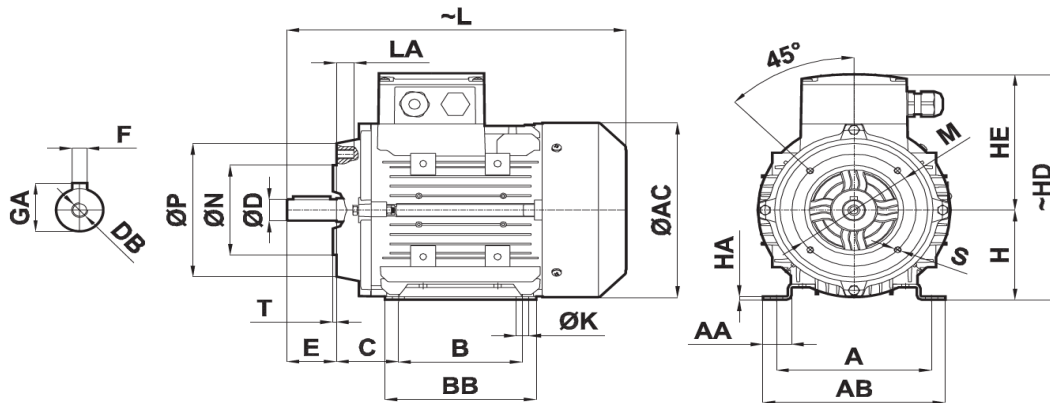
MECHANICAL DATA

Moment of Inertia [kgm ²]	: 0.03418
Bearing [DS / NS]	: 6208ZZ / 6208ZZ
Frame Material	: Cast Iron
Flange Type / Material	: B14 / Cast Iron
Cooling Fan Material	: Plastic
End Shield Material	: Cast Iron

TERMINAL BOX

Terminal Box Material	: Cast Iron
Terminal Box Position	: Top
Terminal Box Cable Entry	: M25x1.5
Terminal Box Blind Cap	: M25x1.5
Contact Screw Thread	: M5

MECHANICAL DIMENSIONS



FLANGE TYPE	D	N	P	E	T	LA	L	AC	S	M	H	HE	HD	F	GA	DB	C	ØK	B	BB	HA	AA	A	AB
B14	38	130	200	80	3.5	20	495	257	M10	165	132	181	313	10	41	M12	89	12	178	212	5	34	216	254

Manufactured and tested in accordance with IEC 60034

FR.AG.010 REV. NO: 04 REV TARİHİ : 01.01.2022

*Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

*ELK Motor has right to change all the data without prior notice.