

Type : 3EC132M4E-FA-B0-000

RE : 894212

Date : 03.01.2022

Power [kW] : 9.00
 Input Voltage [V] : 400
 Connection Type [Δ / Y] : Δ
 Frequency [Hz] : 50
 Pole Number : 4
 Nominal Speed [rpm] : 1460
 Nominal Current [A] : 17.9
 Nominal Moment [Nm] : 58.9
 Nominal Efficiency [η] : 90.8
 Power Factor [$\cos\phi$] : 0.80
 Locked Rotor Current [I_a/I_n] : 7.4
 Locked Rotor Torque [M_a/M_n] : 3.1
 Breakdown Torque [M_k/M_n] : 3.4
 Motor Color : RAL 7031
 Ambient Temperature : -15°C / +40°C

Efficiency Class : IE3
 Duty Cycle : S1
 Service Factor : --
 Frame Size : 132M
 Weight [kg] : 62.3
 Insulation Class : F [155°C]
 Temperature Rise : B [80°K]
 Protection Class : IP55
 Vibration Severity Grade : A
 Method of Cooling : IC411
 Direction of Rotation : Bidirectional
 Balance : Half Key
 Motor Protection : --
 Altitude Above Sea Level : 1000m
 Sound Pressure Level [dBA] : 63

ELECTRICAL DATA

Δ / Y	U [V]	f [Hz]	P [kW]	n [rpm]	I [A]	η [%100]	η [%75]	η [%50]	$\cos\phi$	Cl
Δ	400	50	9.00	1460	17.9	90.8	91.6	91.2	0.80	IE3
Y	690	50	9.00	1460	10.3	90.8	91.6	91.2	0.80	IE3
Δ	460	60	10.4	1755	17.8	91.0	91.8	91.4	0.81	--

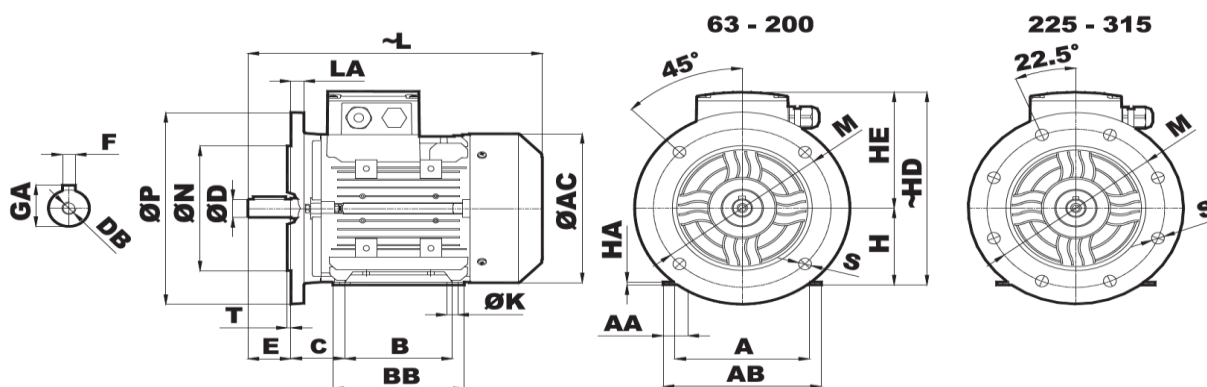
MECHANICAL DATA

Moment of Inertia [kgm^2] : 0.03597
 Bearing [DS / NS] : 6208ZZ / 6208ZZ
 Frame Material : Aluminum
 Flange Type / Material : B5 / Aluminum
 Cooling Fan Material : Plastic
 End Shield Material : Aluminum

TERMINAL BOX

Terminal Box Material : Aluminum
 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	E	N	P	T	LA	L	AC	S	M	H	HE	HD	F	GA	DB	C	ϕK	B	BB	HA	AA	A	AB
B5	38	80	230	300	4	20	495	257	14.5	265	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.

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