

Type : 2EC071M4D-PA-A0-C34

RE: 89T932

Date : 03.01.2022

Power [kW] : 0.55
 Input Voltage [V] : 400
 Connection Type [Δ / Y] : Y
 Frequency [Hz] : 50
 Pole Number : 4
 Nominal Speed [rpm] : 1405
 Nominal Current [A] : 1.43
 Nominal Moment [Nm] : 3.74
 Nominal Efficiency [η] : 77.1
 Power Factor [$\cos\phi$] : 0.72
 Locked Rotor Current [I_a/I_n] : 4.3
 Locked Rotor Torque [Ma/Mn] : 2.3
 Breakdown Torque [Mk/Mn] : 2.5
 Motor Color : RAL 7031
 Ambient Temperature : -15°C / +40°C

Efficiency Class : IE2
 Duty Cycle : S1
 Service Factor : --
 Frame Size : 071M
 Weight [kg] : 7.70
 Insulation Class : F [155°C]
 Temperature Rise : F [105°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] : 46

ELECTRICAL DATA

Δ / Y	U [V]	f [Hz]	P [kW]	n [rpm]	I [A]	η [%100]	η [%75]	η [%50]	$\cos\phi$	Cl
Δ	230	50	0.55	1405	2.48	77.1	77.5	75.0	0.72	IE2
Y	400	50	0.55	1405	1.43	77.1	77.5	75.0	0.72	IE2
Y	460	60	0.64	1705	1.40	78.4	78.9	76.3	0.73	IE2

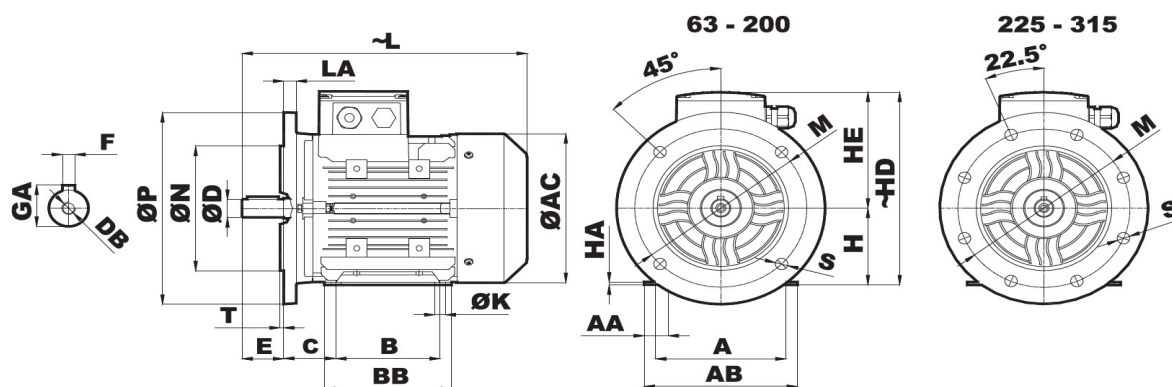
MECHANICAL DATA

Moment of Inertia [kgm²] : 0.00093
 Bearing [DS / NS] : 6202ZZ / 6202ZZ
 Frame Material : Aluminum
 Flange Type / Material : B35 / Aluminum
 Cooling Fan Material : Plastic
 End Shield Material : Aluminum

TERMINAL BOX

Terminal Box Material : Aluminum
 Terminal Box Position : Top
 Terminal Box Cable Entry : M20x1.5
 Terminal Box Blind Cap : M16x1.5
 Contact Screw Thread : M4

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
B35	14	30	110	160	3.5	8	242	137	10	130	71	112	183	5	16	M5	45	7	90	110	3	19	112	128

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.