

Type : 3EL160L6E-FA-BA-C34

RE: 891596

Date : 03.01.2022

Power [kW] : 11.0
 Input Voltage [V] : 400
 Connection Type [Δ / Y] : Δ
 Frequency [Hz] : 50
 Pole Number : 6
 Nominal Speed [rpm] : 972
 Nominal Current [A] : 22.9
 Nominal Moment [Nm] : 108
 Nominal Efficiency [η] : 90.3
 Power Factor [$\cos\phi$] : 0.77
 Locked Rotor Current [I_a/I_n] : 6.6
 Locked Rotor Torque [Ma/Mn] : 2.9
 Breakdown Torque [Mk/Mn] : 3.3
 Motor Color : RAL 7031
 Ambient Temperature : -15°C / +40°C

Efficiency Class : IE3
 Duty Cycle : S1
 Service Factor : 1.20
 Frame Size : 160L
 Weight [kg] : 104
 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 : PTC
 Altitude Above Sea Level : 1000m
 Sound Pressure Level [dBA] : 62

ELECTRICAL DATA

Δ / Y	U [V]	f [Hz]	P [kW]	n [rpm]	I [A]	η [%]	$\cos\phi$
Δ	400	50	11.0	972	22.9	90.3	0.77
Y	690	50	11.0	972	13.2	90.3	0.77
Δ	460	60	12.8	1170	22.4	91.7	0.78

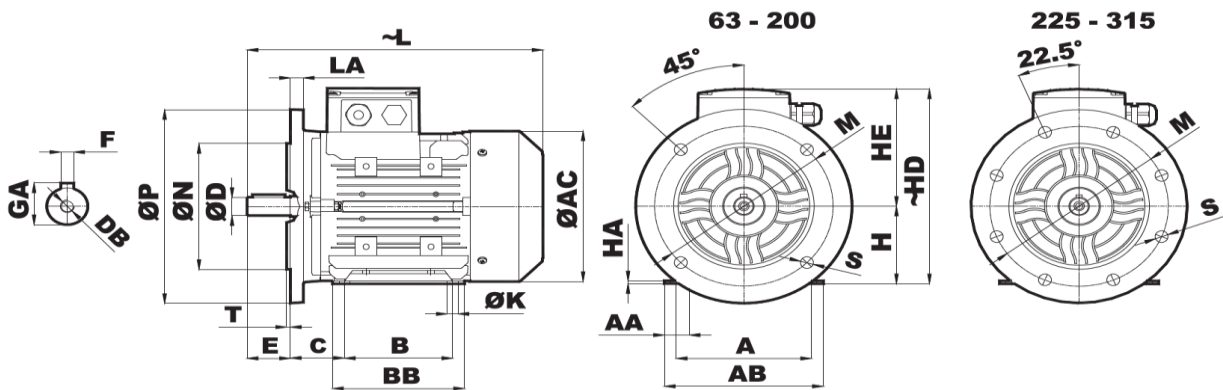
MECHANICAL DATA

Moment of Inertia [kgm²] : 0.08580
 Bearing DS / NS : 6309ZZ / 6209ZZ
 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 : 2xM32x1.5
 Terminal Box Blind Cap : --
 Contact Screw Thread : M6

MECHANICAL DIMENSIONS



FLANGE TYPE	D	E	N	P	T	LA	L	AC	S	M	H	HE	HD	F	GA	DB	C	ØK	B	BB	HA	AA	A	AB
B5	42	110	250	350	5	20	605	316	18.5	300	160	224	384	12	45	M16	108	14.5	254	323	15	65	254	295

Manufactured and tested in accordance with IEC 60034

FR.AG.010 REV. NO: 03 REV TARİHİ : 01.01.2021

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

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

Europe
 Rubix Engineering
 61 Avenue Tony Garnier
 69007 Lyon
 France

UK
 Brammer UK Ltd (A Rubix Company)
 Dakota House, Concord Business Park
 Manchester M22 0RR
 UK