

Type : 3EL132S2B-FA-BA-C34

RE: 891478

Date : 03.01.2022

Power [kW] : 5.50
 Input Voltage [V] : 400
 Connection Type [Δ / Y] : Δ
 Frequency [Hz] : 50
 Pole Number : 2
 Nominal Speed [rpm] : 2945
 Nominal Current [A] : 9.90
 Nominal Moment [Nm] : 17.8
 Nominal Efficiency [η] : 89.2
 Power Factor [cosφ] : 0.90
 Locked Rotor Current [Ia/In] : 8.9
 Locked Rotor Torque [Ma/Mn] : 2.9
 Breakdown Torque [Mk/Mn] : 3.9
 Motor Color : RAL 7031
 Ambient Temperature : -15°C / +40°C

Efficiency Class : IE3
 Duty Cycle : S1
 Service Factor : 1.20
 Frame Size : 132S
 Weight [kg] : 44.4
 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] : 67

ELECTRICAL DATA

Δ / Y	U [V]	f [Hz]	P [kW]	n [rpm]	I [A]	η [%]	cosφ
Δ	400	50	5.50	2945	9.90	89.2	0.90
Y	690	50	5.50	2945	5.72	89.2	0.90
Δ	460	60	6.38	3535	9.70	89.5	0.92

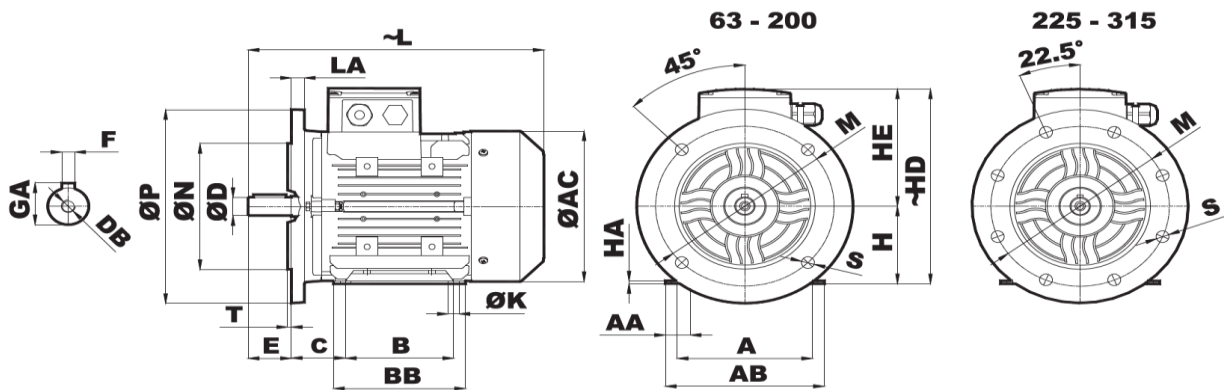
MECHANICAL DATA

Moment of Inertia [kgm²] : 0.01732
 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 : M20x1.5+M25x1.5
 Terminal Box Blind Cap : --
 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	ØK	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	140	212	5	34	216	254

Manufactured and tested in accordance with IEC 60034

*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.

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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