

Type : 4EL132S2C-FC-BA-C34

RE: 894225

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] : 9.60
 Nominal Moment [Nm] : 17.8
 Nominal Efficiency [η] : 90.9
 Power Factor [$\cos\phi$] : 0.91
 Locked Rotor Current [I_a/I_n] : 8.9
 Locked Rotor Torque [Ma/Mn] : 3.2
 Breakdown Torque [Mk/Mn] : 4.2
 Motor Color : RAL 7031
 Ambient Temperature : -15°C / $+40^{\circ}\text{C}$

Efficiency Class : IE4
 Duty Cycle : S1
 Service Factor : 1.25
 Frame Size : 132S
 Weight [kg] : 52.5
 Insulation Class : F [155 $^{\circ}\text{C}$]
 Temperature Rise : B [80 $^{\circ}\text{K}$]
 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] : 72

ELECTRICAL DATA

Δ / Y	U [V]	f [Hz]	P [kW]	n [rpm]	I [A]	η [%]	$\cos\phi$
Δ	400	50	5.50	2945	9.60	90.9	0.90
Y	690	50	5.50	2945	5.54	90.9	0.90
Δ	460	60	6.38	3535	9.56	91.0	0.91

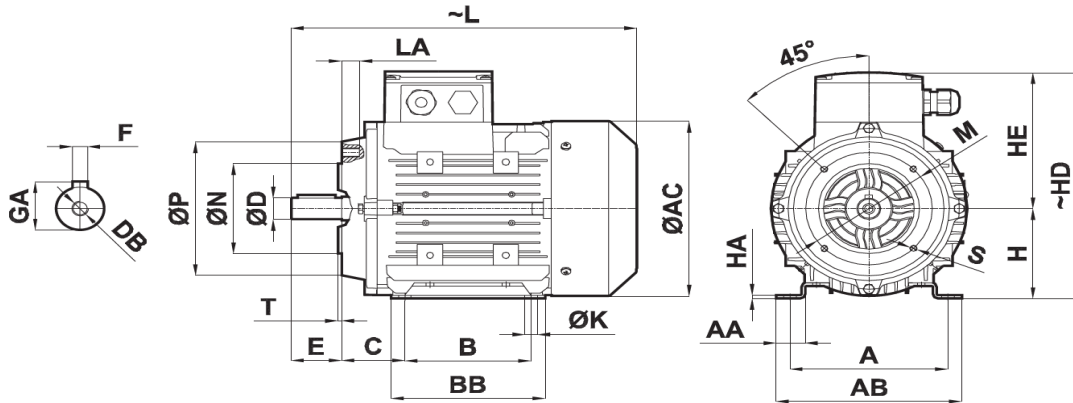
MECHANICAL DATA

Moment of Inertia [kgm^2] : 0.02104
 Bearing DS / NS : 6208ZZ / 6208ZZ
 Frame Material : Aluminum
 Flange Type / Material : B14 / 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	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	140	212	5	34	216	254

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.