

Type : 4EL132S4D-FC-BA-C34

RE : 894228

Date : 03.01.2022

Power [kW] : 5.50
 Input Voltage [V] : 400
 Connection Type [Δ / Y] : Δ
 Frequency [Hz] : 50
 Pole Number : 4
 Nominal Speed [rpm] : 1470
 Nominal Current [A] : 11.1
 Nominal Moment [Nm] : 35.7
 Nominal Efficiency [η] : 91.9
 Power Factor [$\cos\phi$] : 0.78
 Locked Rotor Current [I_a/I_n] : 7.7
 Locked Rotor Torque [Ma/Mn] : 3.8
 Breakdown Torque [Mk/Mn] : 3.7
 Motor Color : RAL 7031
 Ambient Temperature : -15°C / +40°C

Efficiency Class : IE4
 Duty Cycle : S1
 Service Factor : 1.25
 Frame Size : 132S
 Weight [kg] : 60
 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] : 61

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	5.50	1470	11.1	91.9	91.8	90.6	0.78	IE4
Y	690	50	5.50	1470	6.41	91.9	91.8	90.6	0.78	IE4
Δ	460	60	6.38	1765	11.0	92.4	92.1	90.6	0.79	IE4

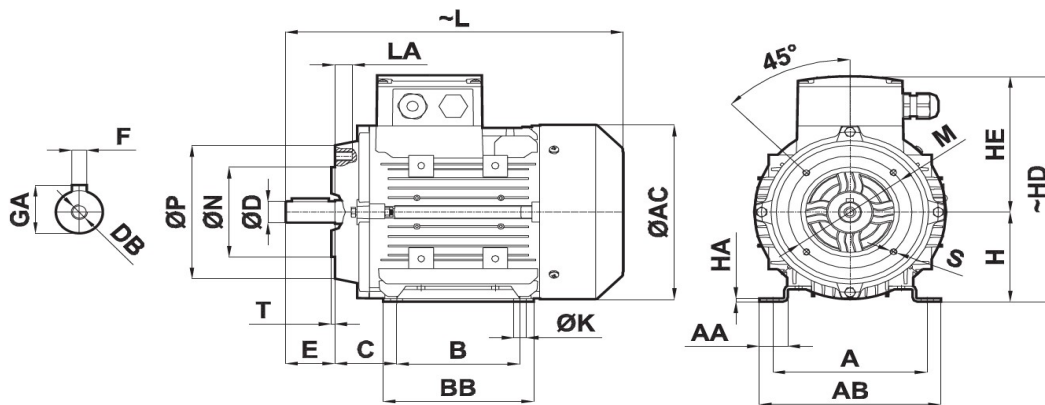
MECHANICAL DATA

Moment of Inertia [kgm²] : 0.03418
 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	ϕK	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: 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.