



WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor Type: Q4HG315M4B40



Electrical Data

RATED VALUES							STARTING VALUES			BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	Co ϕ	CURRENT		TORQUE	TORQUE				IEC 60034-30-1
V	kW	Hz	rpm	A	Nm	4/4	I _A / I _N Y D	M _A / M _N Y D	Mk/ Mn Nm		4/4	3/4	2/4	IE
400/690	132	50	1492	227.3	844.8	0.86		8.70	3.30	8.55	96.4	95.9	95	IE4

Mechanical Data

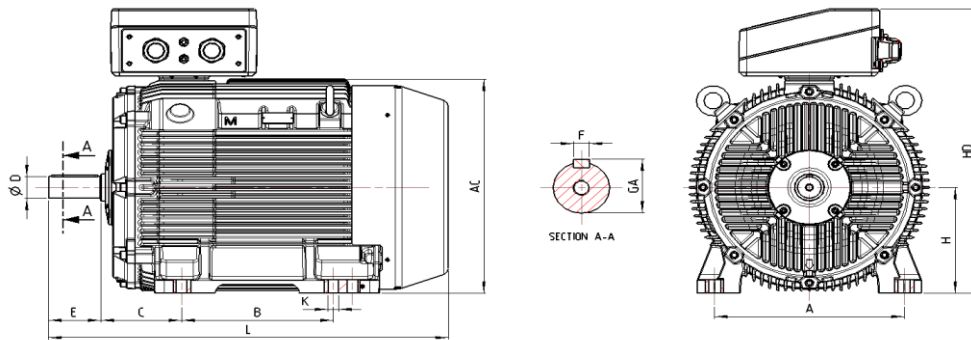
Bearing DE	6319 C3	Color	Optional
Bearing NDE	6319 C3	Motor protection	Optional
Lubricants	SHELL GADUS S5 V100 2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M12
Insulation class	F	Cable gland	2xM63
Duty type	S1	Clamping range	34-44mm
Direction of rotation	Clockwise	Mounting type	IM 1001 (B3)
Housing material	Cast Iron		
Type of balancing	Half Key		

Enviromental Data

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	83
		Moment of inertia (kgm ²)	3.85000
		Standard	IEC 60034-1
		Weight (kg)	1050.0

Dimensions



Main Dimensions		Foot Mounted Motors						Shaft				Flange Mounted Motors			
AC	L	B	A	H	HD	K	C	D	E	GA	F	P	N	M	S
645	1100	457	508	315	771	28	216	80	170	85	22	-	-	-	-