



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q4HGFA315L4A40

Electrical Data

RATED VALUES							STARTING VALUES				BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS	
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	cos φ	CURRENT		TORQUE		TORQUE				IEC 60034-30-1	
V	kW	Hz	rpm	A	Nm	4/4	I _A / I _N	D	M _A / M _N	D	Mk / Mn	Nm	4/4	3/4	2/4	IE
400/690	160	50	1491	260.4	1024.7	0.88		9.50		4.80	5.65		96.6	95.8	95.2	IE4

Mechanical Data

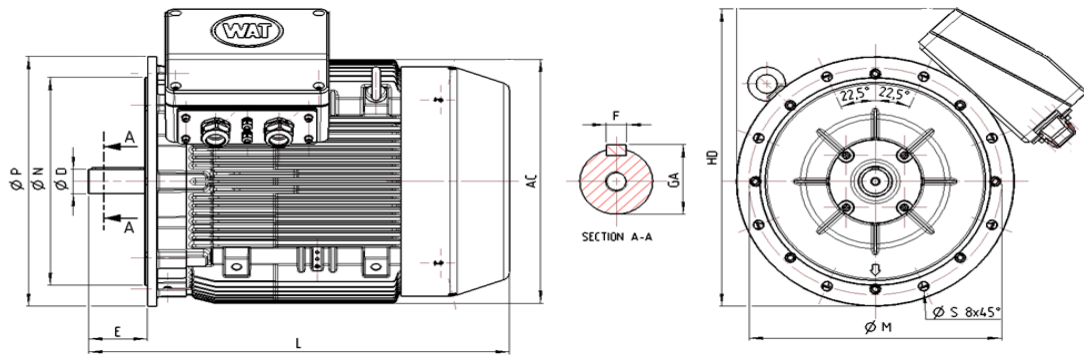
Bearing DE	6319 C3	Color	Optional
Bearing NDE	6319 C3	Motor protection	Optional
Lubricants	SHELL GADUS S5 V100 2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M12
Insulation class	F	Cable gland	2xM63
Duty type	S1	Clamping range	34-44mm
Direction of rotation	Clockwise	Mounting type	IM 3001 (B5)
Housing material	Cast Iron		
Type of balancing	Half Key		

Environmental Data

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	83 dBA
		Moment of inertia (kgm ²)	4.66000
		Standard	IEC 60034-1
		Weight (kg)	1200.0

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	1180	-	-	-	-	-	-	80	170	85	22	660	550	600	24