



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q4HGFA315S2C40

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	Mk/ Mn					
							Y		Y	Nm					
400/690	110	50	2988	193,9/111,9	351.5	0.85		10.80		3.60	5.20	96	95.4	94.2	IE4

Mechanical Data

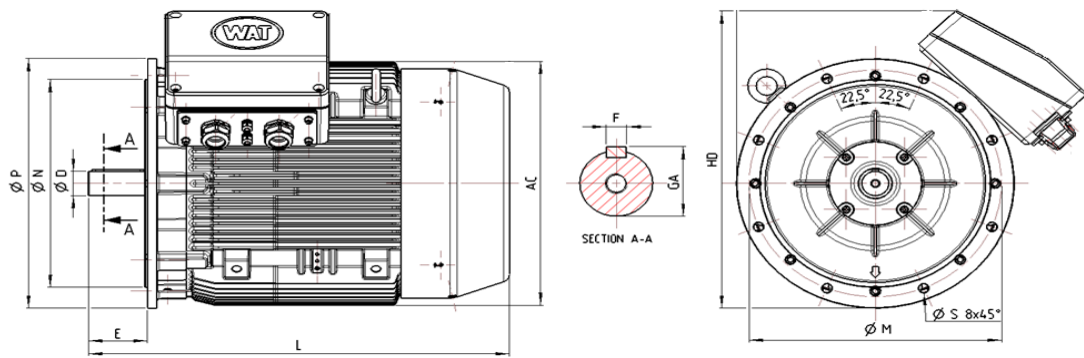
Bearing DE	6316 C3	Color	Optional
Bearing NDE	6316 C3	Motor protection	Optional
Lubricants	SHELL GADUS S5 V100 2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M12
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	87 dBA
		Moment of inertia (kgm ²)	1.66000
		Standard	IEC 60034-1
		Weight (kg)	880.0

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	1000	-	-	-	-	-	-	65	140	69	18	660	550	600	24