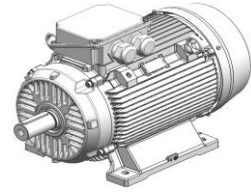




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HGFA160L2C40-KI



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	Y	D	M _A / M _N	Y	D	Mk/ Mn	Nm	4/4	3/4	2/4	IE
400/690	18,5	50	2957	32,9/19,0	56,70	0,87	-	10,6	-	3,4			5,1		92,4	92,8	92	IE3
460/795	21,3	60	3556	32,4/18,7	54,10	0,88	-	10,3	-	3,2			5,0		-	0	0	

Mechanical Data

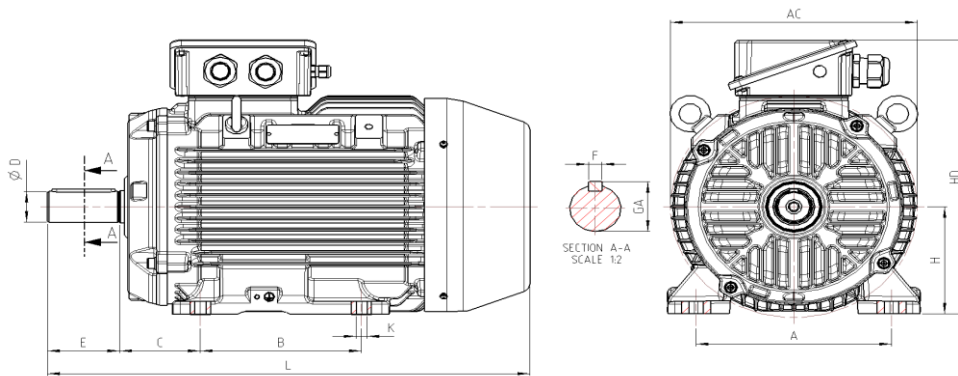
Bearing DE	6309-ZZ C3	Color	RAL 3009
Bearing NDE	6309-ZZ C3	Motor protection	PTC
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M6
Insulation Class	F	Cable gland	2xM32G+1xM12G
Duty type	S1	Clamping range	18-25 mm
Direction of rotation	CW/CCW	Mounting type	IM 1001 (B3)
Housing material	Cast Iron		
Type of balancing	H		

Environmental Data

Others

Ambient Temperature	-20 / + 40 °C	Type of protection	IP 56
Altitude above sea level	1000 m	Sound Pressure Level 50Hz dBA	70
		Moment of Inertia (kg.mm ²)	0,04808885
		Standard	IEC 60034-1

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
328	626	-	-	-	-	-	-	42	110	45	12	350	250	300	18,5