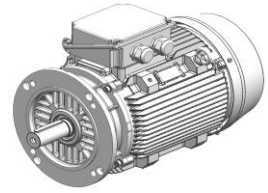




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HGFA200L6C40-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	981	39,4/22,7	180,30	0,74	-	5,75	-	2,3	2,5	91,7	92,1	91,3	IE3
460/795	21,3	60	1180	38,6/22,3	172,40	0,75	-	5,5	-	2,2	2,4	-	-	-	

Mechanical Data

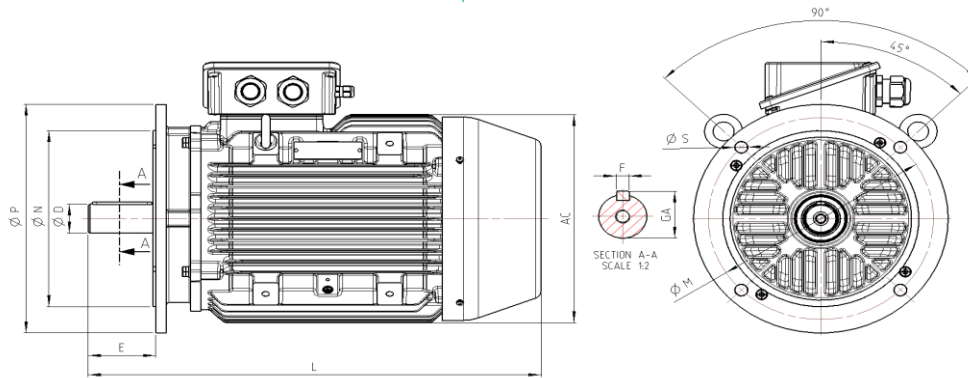
Bearing DE	6312-ZZ C3	Color	RAL 3009
Bearing NDE	6310-ZZ C3	Motor protection	PTC
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M8
Insulation Class	F	Cable gland	2xM50G+1xM16G
Duty type	S1	Clamping range	30-38 mm
Direction of rotation	CW/CCW	Mounting type	IM 3001 (B5)
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	69
		Moment of Inertia (kg.mm ²)	0,2328619
		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
356	816	-	-	-	-	-	-	55	110	59	16	400	300	350	18,5