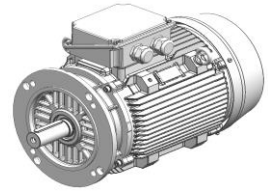




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HSGFA160M4C40-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		M _k / M _n Nm	4/4	3/4	2/4	IE
400/690	11	50	1470	20,9/12,1	71,60	0,84	-	9,1	-	2,6	3,9	91,4	91	90,1	IE3
460/795	12,7	60	1769	20,5/11,8	68,30	0,85	-	8,8	-	2,5	3,8	-	-	-	

Mechanical Data

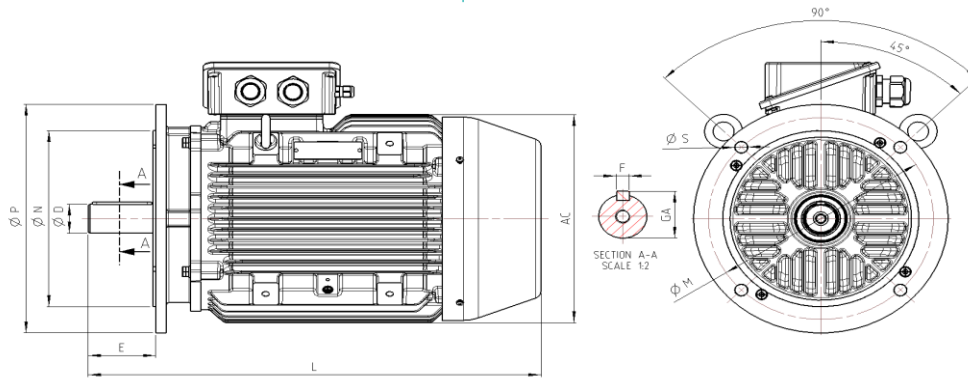
Bearing DE	6309-ZZ C3	Color	RAL 3009
Bearing NDE	6309-ZZ C3	Motor protection	PTC
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M6
Insulation Class	F	Cable gland	2xM32G+1xM12G
Duty type	S1	Clamping range	18-25 mm
Direction of rotation	CW/CCW	Mounting type	IM 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	63
		Moment of Inertia (kg.mm ²)	0,0594
		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
273	605	-	-	-	-	-	-	42	110	45	12	350	250	300	18,5