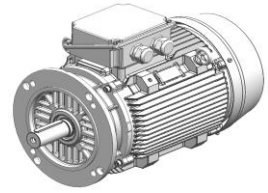




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HSGFA160M2DE40-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	15	50	2941	27,5/15,9	48,80	0,86	- 12	- 4,3	5,9		91,9	90,5	89	IE3	
460/795	17,3	60	3539	27,1/15,6	46,60	0,87	- 11,6	- 4,1	5,8		-	-	-		

Mechanical Data

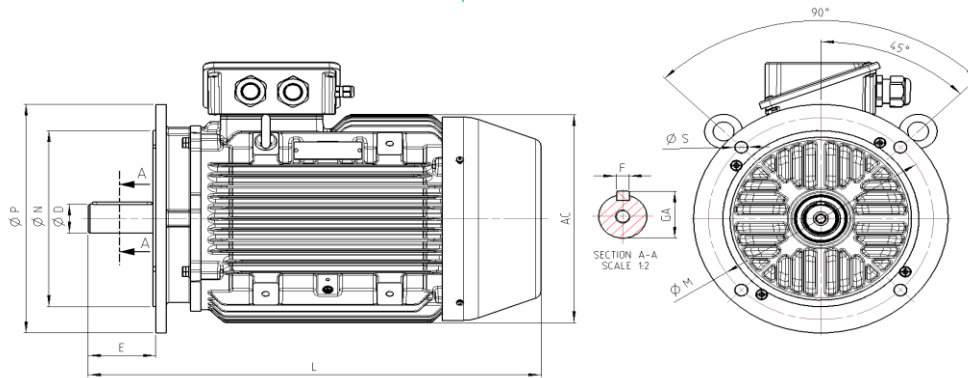
Bearing DE	6309-ZZ C3	Color	RAL 3009
Bearing NDE	6309-ZZ C3	Motor protection	PTC
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M6
Insulation 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	71
		Moment of Inertia (kg.mm ²)	0,0401501
		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