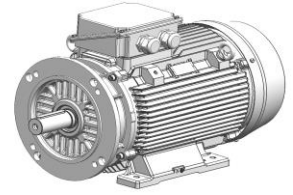




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HGFC160L4B40-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	4/4	3/4	2/4	IE
400/690	15	50	1476	30,8/17,8	96,90	0,77	0,0	7,7	0,0	2,9	3,6	92,1	91,4	90,1	IE3
460/795	17,3	60	1774	28,3/16,3	95,60	0,82	-	7,5	-	2,8	3,5	-	0	0	

Mechanical Data

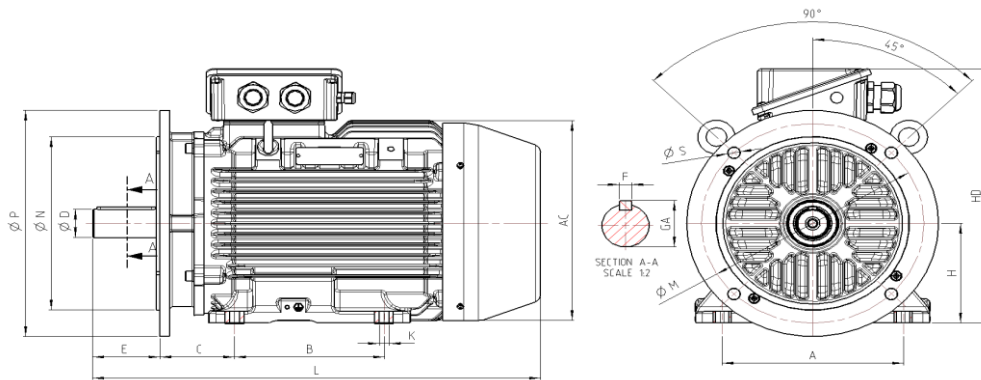
Bearing DE	6309-ZZ C3	Color	RAL 3009
Bearing NDE	6309-ZZ C3	Motor protection	PTC
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M6
Insulation Class	F	Cable gland	2xM32G+1xM12G
Duty type	S1	Clamping range	18-25 mm
Direction of rotation	CW/CCW	Mounting type	IM 2001 (B35)
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	62
		Moment of Inertia (kg.mm ²)	0,090053
		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	210	254	-	-	-	-	42	110	45	12	250	180	215	M10