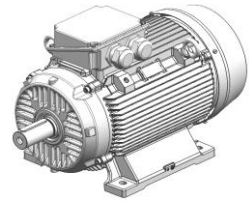




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HG225M2B40-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/ M _N Nm	4/4	3/4	2/4	IE
400/690	45	50	1481	82,3/47,5	290,10	0,84	-	7,8	-	2,6	4,2	94,2	93,8	93,1	IE3
460/795	51,7	60	1781	79,4/45,8	277,50	0,85	-	7,6	-	2,5	4,0	-	-	-	

Mechanical Data

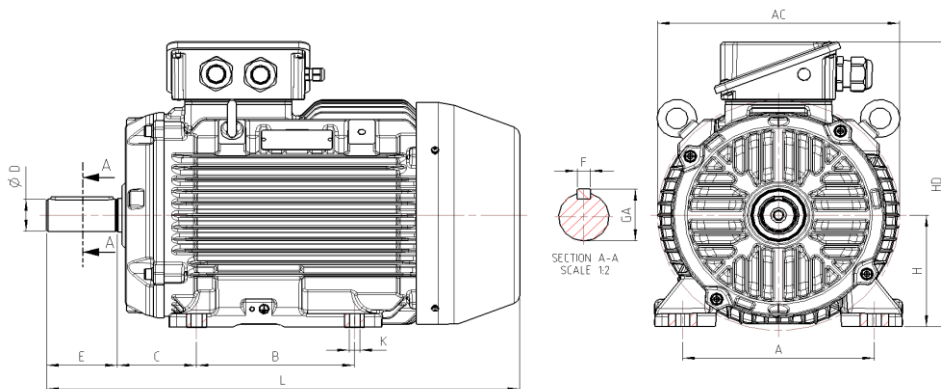
Bearing DE	6313-ZZ C3	Color	RAL 3009
Bearing NDE	6313-ZZ C3	Motor protection	PTC
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M10
Insulation Class	F	Cable gland	2xM50G+1xM12G
Duty type	S1	Clamping range	30-38 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	80
		Moment of Inertia (kg.mm ²)	0,235
		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
440	789	311	356	225	524	18,5	149	55	110	59	16	-	-	-	-