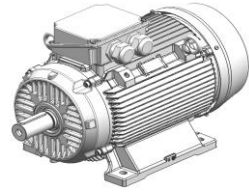




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HG90L2D40-KG



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		M _A / M _N		Mk/ Mn	Nm	4/4	3/4	2/4	IE
230/400	2,2	50	2917	7,4/4,3	7,20	0,87	9,2	-	3,1	-	4,9		85,9	86,4	85,2	IE3
265/460	2,5	60	3510	7,6/4,4	6,80	0,88	8,9	-	3,0	-	4,8		-	-	-	

Mechanical Data

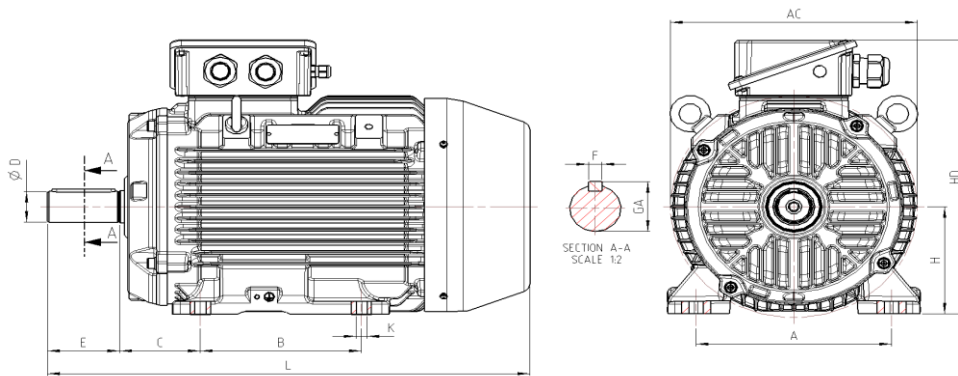
Bearing DE	6305-ZZ C3	Color	RAL 3009
Bearing NDE	6205-ZZ C3	Motor protection	-
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M5
Insulation Class	F	Cable gland	2xM25G
Duty type	S1	Clamping range	13-18 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	62
		Moment of Inertia (kg.mm ²)	0,0028338
		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
185	369	125	140	90	231,8	10	56	24	50	27	8	-	-	-	-