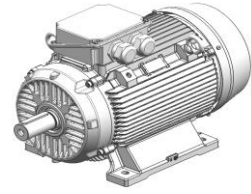




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HG100L2D40-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 Y D		M _A / M _N Y D		Mk/ Mn Nm	4/4	3/4	2/4	IE
230/400	3	50	2925	9,5/5,5	9,81	0,9	11,8	-	3,8	-	4,6	87,1	87,1	85,4	IE3
265/460	3,45	60	3521	9,5/5,5	9,35	0,91	11,4	-	3,6	-	4,5	-	-	-	

Mechanical Data

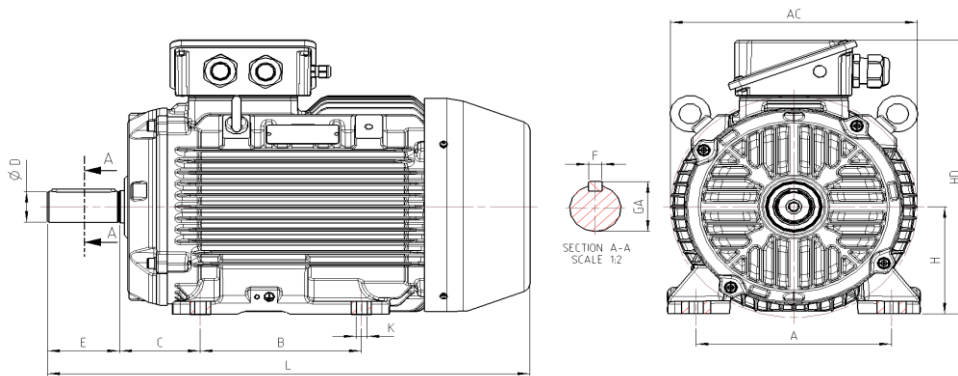
Bearing DE	6306-ZZ C3	Color	RAL 3009
Bearing NDE	6205-ZZ C3	Motor protection	-
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M5
Insulation 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	63
		Moment of Inertia (kg.mm ²)	0,0053618
		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
203	416	140	160	100	265,5	12	63	28	60	31	8	-	-	-	-