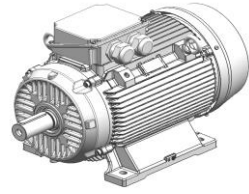




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HG100L6D40-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	1,5	50	960	6,6/3,8	14,92	0,69	6,2	-	2,9	-	3,0	82,6	81,9	79	IE3
265/460	1,73	60	1158	6,4/3,7	14,26	0,69	6,0	-	2,7	-	2,9	-	-	-	

Mechanical Data

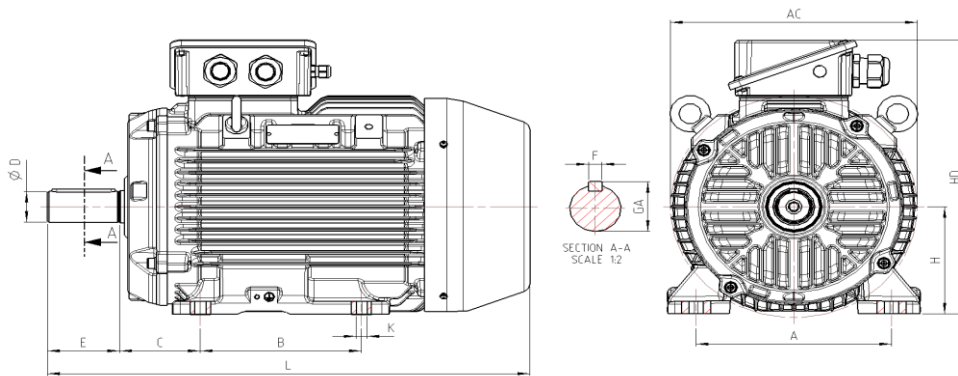
Bearing DE	6306-ZZ C3	Color	RAL 3009
Bearing NDE	6205-ZZ C3	Motor protection	-
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M5
Insulation 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	55
		Moment of Inertia (kg.mm ²)	0,01059
		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	445	140	160	100	265,5	12	63	28	60	31	8	-	-	-	-