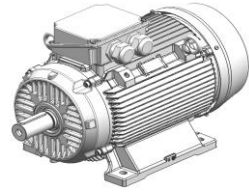




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HG80M2D40-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	1,1	50	2900	4,15/2,4	3,60	0,81	7,4	-	3,5	-	4,3	82,7	80,2	76,4	IE3
265/460	1,3	60	3504	4,0/2,3	3,50	0,81	7,2	-	3,4	-	4,2	-	-	-	

Mechanical Data

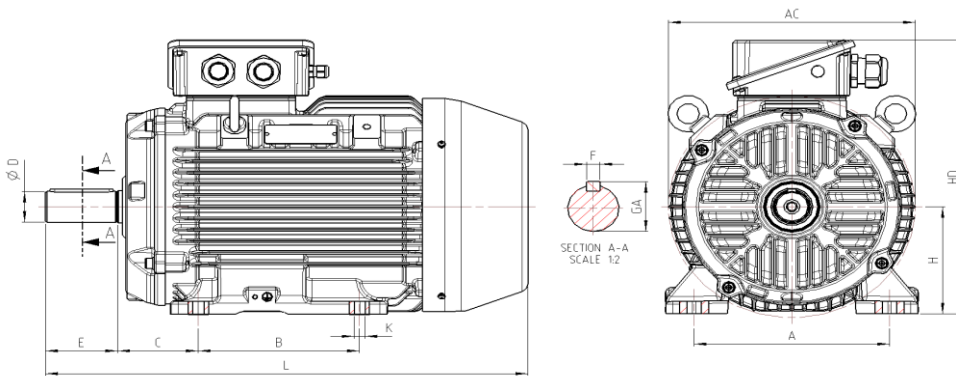
Bearing DE	6204 ZZ C3	Color	RAL 3009
Bearing NDE	6204 ZZ C3	Motor protection	-
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M4
Insulation 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	57
		Moment of Inertia (kg.mm2)	0,0016953
		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
175	317	100	125	80	224,8	10	50	19	40	21,5	6	-	-	-	-