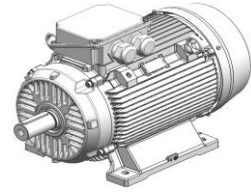




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HG180L4B40-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/ Mn Nm	4/4	3/4	2/4	IE
400/690	22	50	1484	42,4/24,5	141,40	0,81	-	9,3	-	2,8	3,8	93,0	92,6	91,5	IE3
460/795	25,3	60	1783	41,7/2,4	135,50	0,82	-	9	-	2,6	3,6	-	-	-	

Mechanical Data

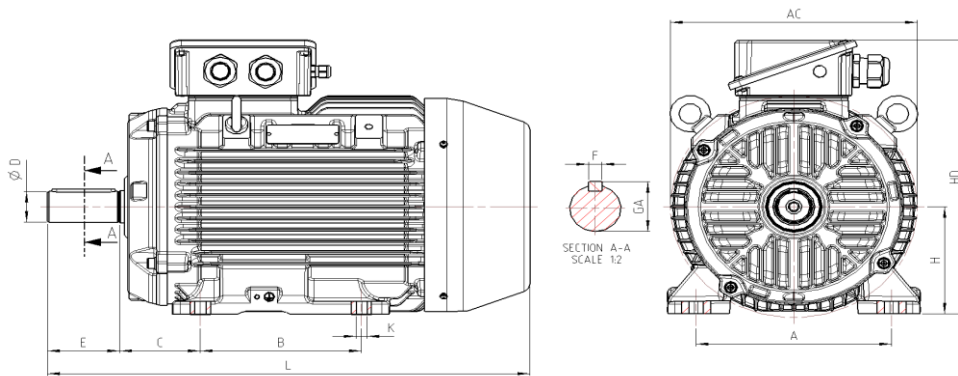
Bearing DE	6310 ZZ C3	Color	RAL 3009
Bearing NDE	6310 ZZ C3	Motor protection	PTC
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M8
Insulation Class	F	Cable gland	2xM40
Duty type	S1	Clamping range	22-32 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	68
		Moment of Inertia (kg.mm2)	0,18659785
		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
356	759	279	279	180	440,7	14,5	121	48	110	51,5	14	-	-	-	-