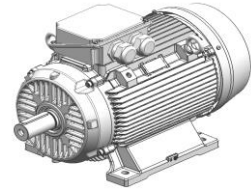




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HSG180M4B40-K1



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	18,5	50	1474	36,8/21,2	119,80	0,79	-	7,2	-	2,7	-	2,7	3,2	Nm	92,6	92,3	91,7	IE3
460/795	21,3	60	1773	36,0/20,8	114,50	0,8	-	7	-	2,5	-	2,5	3,1	Nm	-	-	-	

Mechanical Data

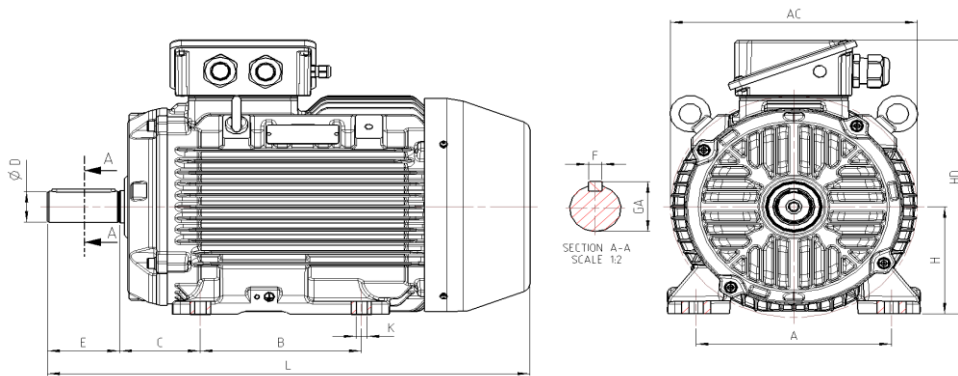
Bearing DE	6310 ZZ C3	Color	RAL 3009
Bearing NDE	6310 ZZ C3	Motor protection	PTC
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M6
Insulation Class	F	Cable gland	2xM32
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	67
		Moment of Inertia (kg.mm ²)	0,1139845
		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
328	680	241	279	180	407	14,5	121	48	110	51,5	14	-	-	-	-