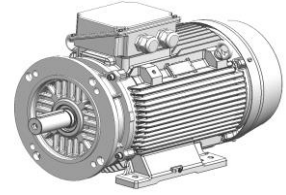




WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor type Q3HGPA180L6B40-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	15	50	980	32,2/18,5	146,17	0,75	-	5,8	-	1,9	2,2	91,2	90,9	88,7	IE3
460/795	17,3	60	1175	31,8/18,3	140,20	0,76	-	5,626	-	1,81	2,2	-	-	-	

Mechanical Data

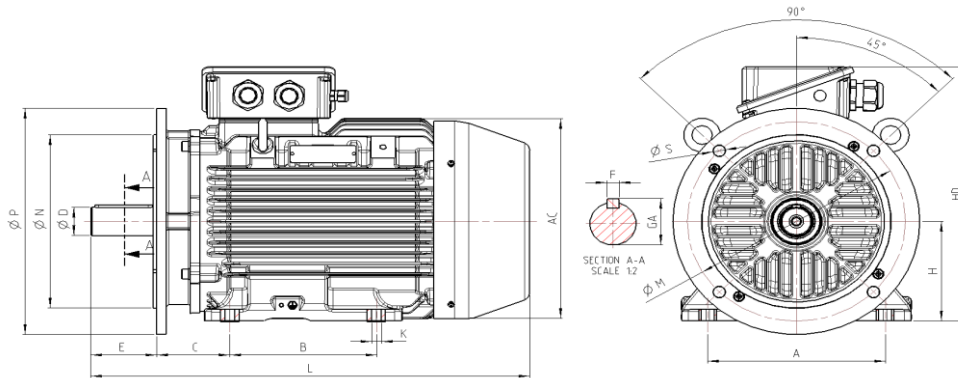
Bearing DE	6310 ZZ C3	Color	RAL 3009
Bearing NDE	6310 ZZ C3	Motor protection	-
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M8
Insulation Class	F	Cable gland	2xM40
Duty type	S1	Clamping range	22-32 mm
Direction of rotation	CW/CCW	Mounting type	IM 2001 (B35)
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)	0,186597
		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	763	279	279	180	441	14,5	121	48	110	51,5	14	350	250	300	18,5