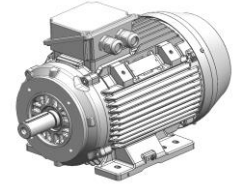




WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor type Q3HGPC100L4D41-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
	I _A / I _N	M _A / M _N					Mk/ Mn								
V	kW	Hz	rpm	A	Nm	4/4	Y	D	Y	D	Nm	4/4	3/4	2/4	IE
230/400	3	50	1446	10,7/6,2	19,85	0,81	8,4	-	3,3	-	3,8	87,7	88	87	IE3
265/460	3,45	60	1735	10,4/6,0	19,10	0,82	8,1	-	3,1	-	3,7	-	-	-	

Mechanical Data

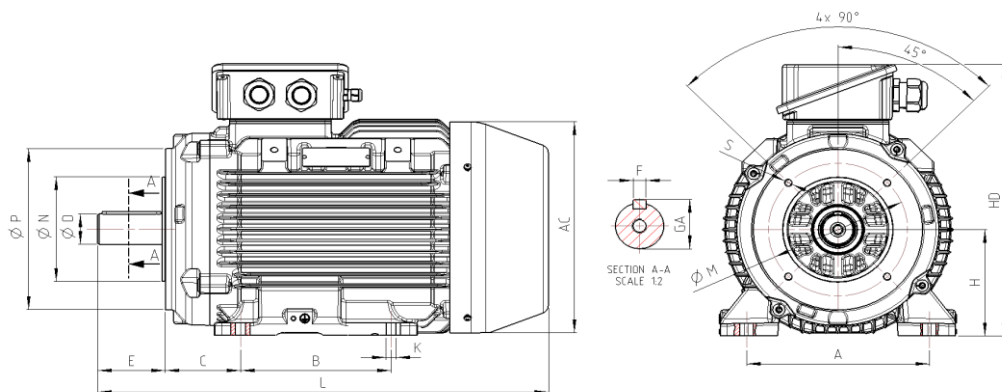
Bearing DE	6306-ZZ C3	Color	RAL 3009
Bearing NDE	6205-ZZ C3	Motor protection	-
Lubricants	Standart	Method of cooling	IC411 (TEFC)
Condensation drain hole	Optional	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M5
Insulation Class	F	Cable gland	2xM25G
Duty type	S1	Clamping range	13-18 mm
Direction of rotation	CW/CCW	Mounting type	IM 2101 (B34-A)
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	56
		Moment of Inertia (kg.mm ²)	0,0105898
		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	266	12	63	28	60	31	8	160	110	130	M8