WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor Type: **Q4HFA112M4E**

Electrical Data

RATED VALUES							STARTING VALUES				BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	Cos Φ	CURRENT I_A / I_N		TORQUE M_A / M_N		TORQUE Mk/ Mn				IEC 60034-30-1
V	kW	Hz	rpm	A	Nm	4/4	Y	D	Y	D	Nm	4/4	3/4	2/4	IE
400/690	4	50	1452	8,3/4,8	26,3	0,78		9,4		3,8	4,5	91,1	90,4	89,7	IE4
460/795	4	60	1758	4,2/2,4	21,7	0,76		7,8		2,7	3,7	91	90,3	89,6	IE4

Mechanical Data

Bearing DE	6306-ZZ	*Color*	Optional
Bearing NDE	6205-ZZ	*Motor protection*	Optional
Lubricants	Shell Gadus S2 V100Q2	*Method of cooling*	IC 411
Condensation drain hole	No	*Terminal box position*	Top
External earthing terminal	Yes	*Material of terminal box*	Aluminium
Vibration class	A	*Terminal plate thread*	M5
Insulation class	F	*Cable gland*	1xM25
Duty type	S1	*Clamping range*	13-18 mm
Direction of rotation	Clockwise	*Mounting type*	IM 3001 (B5)
Housing material	Aluminum		
Type of balancing	Half Key		

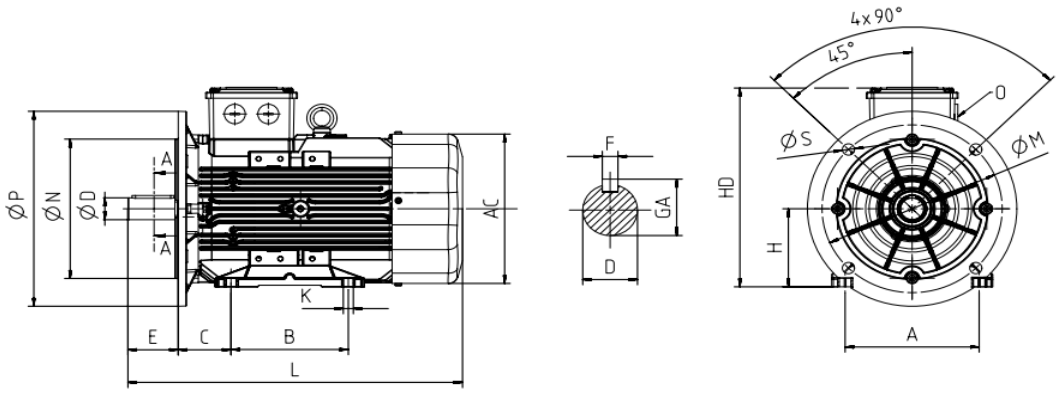
Enviromental Data

Ambient temperature	-20 / + 40 °C
Altitude above sea level	1000 m

Others

Type of protection		IP56
Sound pressure level 50/60Hz	dBA	57
Moment of inertia (kgm ^{2})		0,01527
Standard		IEC 60034-1
Weight (kg)		40,0

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
210	421							28	60	31	8	250	180	215	14,5

Sensitivity: Confidential