WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor Type: **Q2EPC71M2A**

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
230/400	0,37	50	2784	1,65/0,95	1,3	0,86	4,9		2,7		2,9	69,5	67,8	66,7	IE2
265/460	0,37	60	3425	1,44/0,83	1,0	0,76	4,7		3,0		3,8	72,2	72,8	71,7	IE2

Mechanical Data

Bearing DE	6202-ZZ	*Color*	Optional
Bearing NDE	6202-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*	M4
Insulation class	F	*Cable gland*	1xM20
Duty type	S1	*Clamping range*	10-14 mm
Direction of rotation	Clockwise	*Mounting type*	IM 2101 (B34-A)
Housing material	Aluminum		
Type of balancing	Half Key		

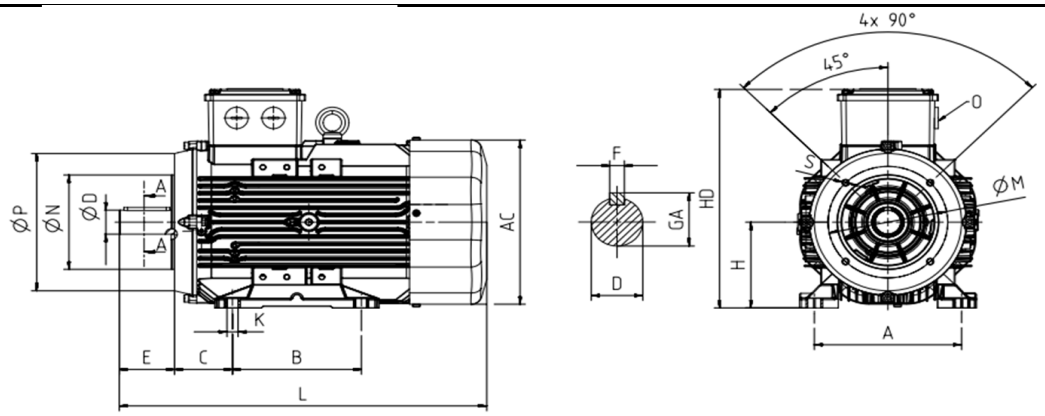
Enviromental Data

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

Others

Type of protection		IP56
Sound pressure level 50/60Hz	dBA	58
Moment of inertia (kgm ^{2})		0,00032
Standard		IEC 60034-1
Weight (kg)		6,0

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**
138	253	90	112	71	178	7	45	14	30	16	5	105	70	85	M6

Sensitivity: Confidential