WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor Type: **Q4HFA100L4D**

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	2,2	50	1462	8,6/4,9	14,4	0,72	9,6		4,0		5,0	89,5	88	85,5	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		

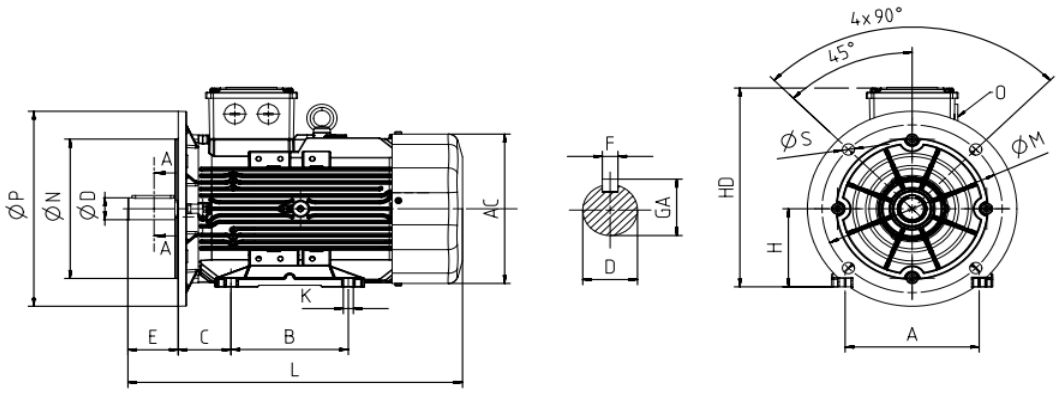
Enviromental Data

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

Others

Type of protection		IP56
Sound pressure level 50/60Hz	dBA	56
Moment of inertia (kgm ^{2})		0,01059
Standard		IEC 60034-1
Weight (kg)		29,8

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
191	400							28	60	31	8	250	180	215	14,5

Sensitivity: Confidential