



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q3HFA200L6C

Electrical Data

RATED VALUES							STARTING VALUES			BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	Cos ϕ	CURRENT			TORQUE				IEC 60034-30-1
V	kW	Hz	rpm	A	Nm	4/4	I_A / I_N	I_D	M_A / M_N	Mk/ Mn Nm	4/4	3/4	2/4	IE
400/690	18,5	50	981,1	40,3/23,2	180,1	0,69		4,96	1,88	2,51	91,8	92,3	91,9	IE3
460/795	18,5	60	1181	36,2/20,9	149,6	0,73		4,73	2,09	3,32	93	92,7	92,1	IE3

Mechanical Data

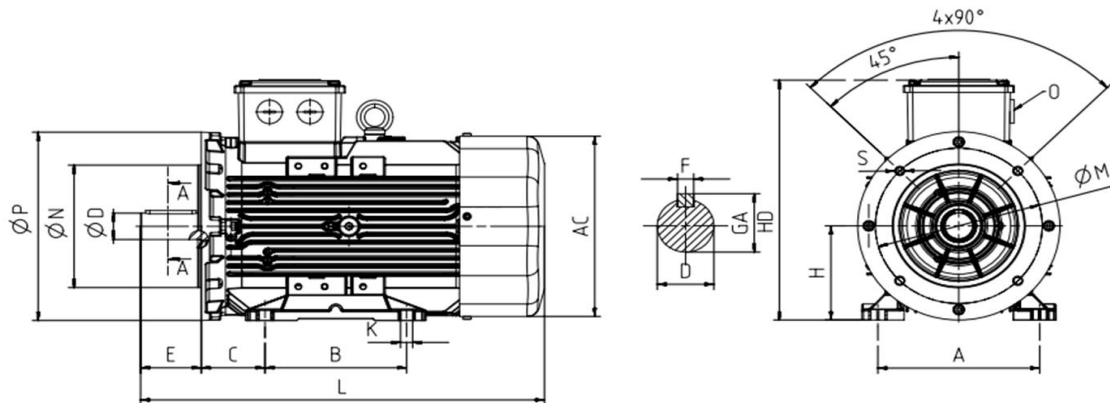
Bearing DE	6312-ZZ	Color	Optional
Bearing NDE	6310-ZZ	Motor protection	Optional
Lubricants	Shell Gadus S5 V220-2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M8
Insulation class	F	Cable gland	1xM50
Duty type	S1	Clamping range	30-38 mm
Direction of rotation	Clockwise	Mounting type	IM 2101 (B34-B)
Housing material	Aluminum		
Type of balancing	Half Key		

Enviromental Data

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	dBA 79
		Moment of inertia (kgm ²)	0,23286
		Standard	IEC 60034-1
		Weight (kg)	173,0

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
349	706							55	110	59	16	400	300	350	18,5

B34b