



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q3EFA225M2B

Electrical Data

RATED VALUES							STARTING VALUES			BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	Cos ϕ	CURRENT		TORQUE	TORQUE				IEC 60034-30-1
V	kW	Hz	rpm	A	Nm	4/4	I_A / I_N	M_A / M_N	M_k / M_n	Nm	4/4	3/4	2/4	IE
400/690	45	50	2976	78,8/45,5	144,4	0,89		11,5	3,6	5,2	94,0	93,7	93,3	IE3
460/795	45	60	3580	68,7/40,1	120,0	0,87		10,98	4,00	6,88	93,6	94,4	93,5	IE3

Mechanical Data

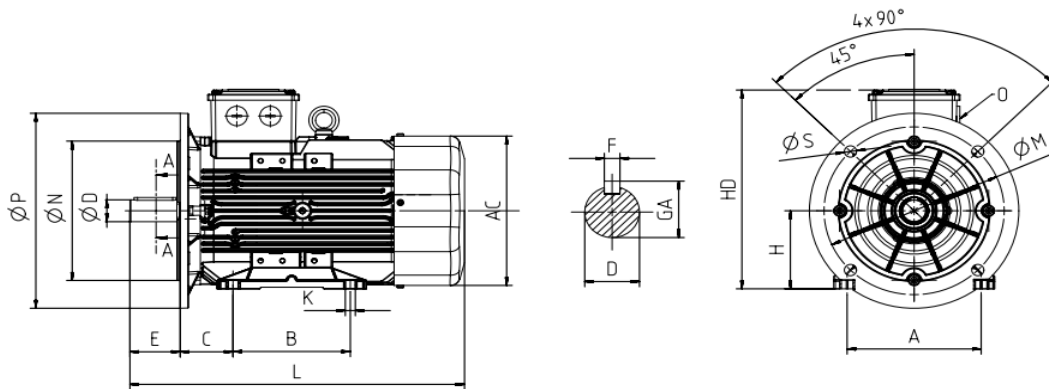
Bearing DE	6313-ZZ	Color	Optional
Bearing NDE	6313-ZZ	Motor protection	Optional
Lubricants	Shell Gadus S5 V220-2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M10
Insulation class	F	Cable gland	1xM50
Duty type	S1	Clamping range	30-38 mm
Direction of rotation	Clockwise	Mounting type	IM 3001 (B5)
Housing material			
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
		Moment of inertia (kgm ²)	0,12158
		Standard	IEC 60034-1
		Weight (kg)	218,0

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
456	735							55	110	59	16	450	350	400	18,5