



WAT Motor  
Sanayi ve Ticaret A.Ş.



### Three Phase Squirrel Cage Induction Motor

Motor Type: Q3EFA225M8B

#### Electrical Data

RATED VALUES						STARTING VALUES			BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS		
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	Cos φ	CURRENT		TORQUE		TORQUE	EFFICIENCY			IEC 60034-30-1
V	kW	Hz	rpm	A	Nm	4/4	$I_A / I_N$	$M_A / M_N$	Mk/ Mn	Nm		4/4	3/4	2/4	IE
400/690	18,5	50	735	44,85/26,2	240,4	0,65		4,26	1,77	2,35	90,1	90,8	90,4	IE3	
460/795	18,5	60	886	39,8/23	199,4	0,66		4,07	1,97	3,11	90,2	90,9	90,5	IE3	

#### Mechanical Data

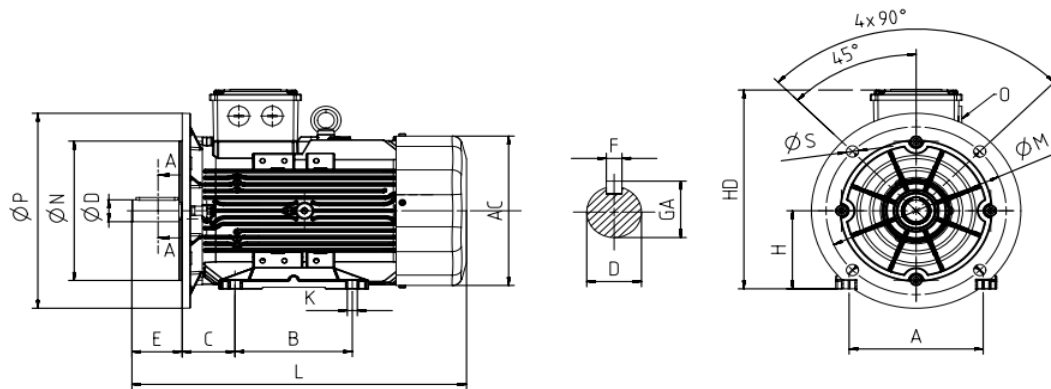
Bearing DE	6313-ZZ	Color	Optional
Bearing NDE	6313-ZZ	Motor protection	Optional
Lubricants	Shell Gadus S5 V220-2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M10
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		

#### Environmental Data

#### Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	dBA 81
		Moment of inertia (kgm <sup>2</sup> )	0,20584
		Standard	IEC 60034-1
		Weight (kg)	235,0

#### 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	765							60	140	64	18	450	350	400	18,5