



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q3EPA225S4B

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	Y	D	M _A / M _N	Y	D	M _k / M _n	Nm	4/4	3/4	2/4	IE
400/690	37	50	1485	72,3/41,7	237,9	0,78			9,16		3,40			4,60	93,9	93,7	92,6	IE3
460/795	37	60	1786	63,8/37,3	197,8	0,78			8,74		3,78			6,08	94,5	94,1	92,5	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 2001 (B35)
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 81
		Moment of inertia (kgm^2)	0,20584
		Standard	IEC 60034-1
		Weight (kg)	225,0

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	286-311	356	225	485	18,5	149	60	140	64	18	450	350	400	18,5

B34b