



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q3E250M2B

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	I_D	M_A / M_N	M_k / M_N	4/4	3/4	2/4	IE
400/690	55	50	2973	98,4/56,8	176,7	0,86		11,6	3,7	7,0	94,3	93,8	92,5	IE3
460/795	55	60	3577	85,4/49,4	146,8	0,86		11,07	4,11	9,26	93,6	93,1	91,8	IE3

Mechanical Data

Bearing DE	6315-2Z	Color	Optional
Bearing NDE	6313-2Z	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 1001 (B3)
Housing material	Aluminum		
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	81 dBA
		Moment of inertia (kgm^2)	0,14216
		Standard	IEC 60034-1
		Weight (kg)	246,2

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
492	787	349	406	250	530	24	168	60	140	64	18				