



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q4HP250M4D

Electrical Data

RATED VALUES							STARTING VALUES				BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	Cos Φ	CURRENT		TORQUE		TORQUE				IEC 60034-30-1
							I _A / I _N		M _A / M _N		Mk/ Mn				
V	kW	Hz	rpm	A	Nm	4/4	Y	D	Y	D	Nm	4/4	3/4	2/4	IE
400/690	55	50	1492	107,7/62,2	352,0	0,77		8,6		2,7	3,3	95,7	95,0	94,1	IE4
460/795	55	60	1790	95,0/54,9	293,4	0,76		8,2		3,0	4,4	95,8	95,0	94,3	IE4

Mechanical Data

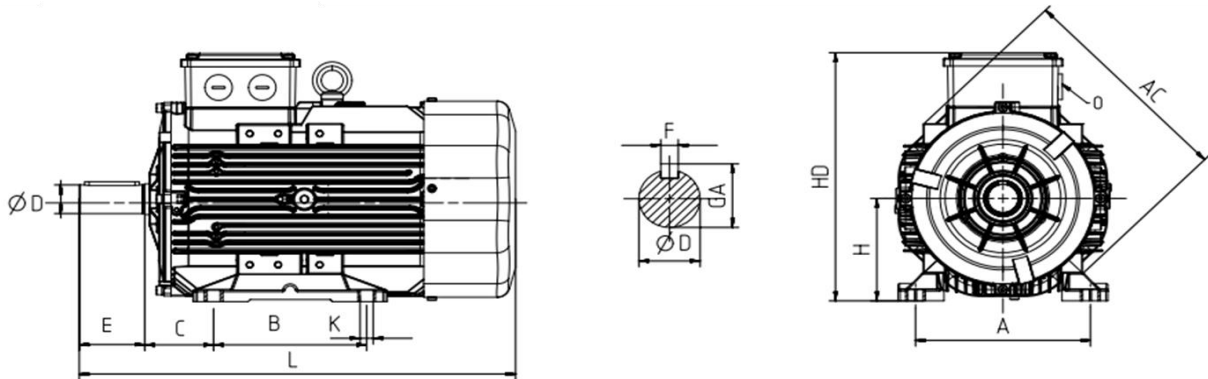
Bearing DE	6316-Z	Color	Optional
Bearing NDE	6316-Z	Motor protection	Optional
Lubricants	Shell Stamina HDS	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M10
Insulation class	F	Cable gland	1xM50
Duty type	S1	Clamping range	30-38 mm
Direction of rotation	Clockwise	Mounting type	IM 1001 (B3)
Housing material	Cast Iron		
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	74 dBA
		Moment of inertia (kgm ²)	0,35166
		Standard	IEC 60034-1
		Weight (kg)	531,0

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
489	893	311-349	406	250	616	30	149	65	140	69	18				