



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q3HSFA132S2D

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	7,5	50	2918	13,9/8,0	24,5	0,88		12,6	4,8	5,9	90,1	90,3	89,1	IE3
460/795	7,5	60	3515	11,7/6,6	20,4	0,91		14,00	5,33	7,80	90,2	90,1	88,8	IE3

Mechanical Data

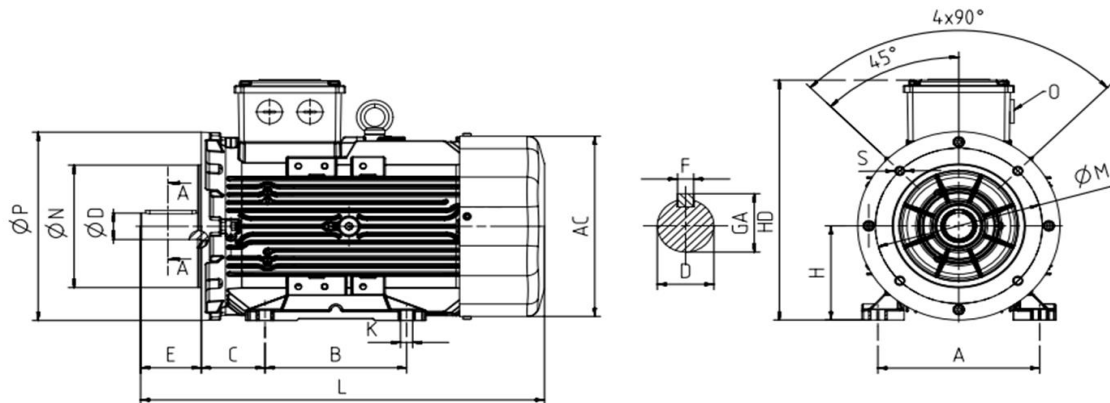
Bearing DE	6208-ZZ	Color	Optional
Bearing NDE	6206-ZZ	Motor protection	Optional
Lubricants	Shell Gadus S5 V220-2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M5
Insulation class	F	Cable gland	1xM25
Duty type	S1	Clamping range	18-25 mm
Direction of rotation	Clockwise	Mounting type	IM 2101 (B34-B)
Housing material	Aluminum		
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 71
		Moment of inertia (kgm^2)	0,00932
		Standard	IEC 60034-1
		Weight (kg)	42,5

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
210	448							38	80	41	10	300	230	265	14,5

B34b