



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q3HFC132S4B

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	D	M _A / M _N	D	Mk / Mn Nm	4/4	3/4	2/4	IE
400/690	5,5	50	1468	11,3/6,5	35,8	0,79		7,6		2,0	3,6	89,6	89,8	88,3	IE3
460/795	5,5	60	1776	10,0/5,8	29,6	0,75		7,25		2,22	4,76	91,7	91,5	90,0	IE3

Mechanical Data

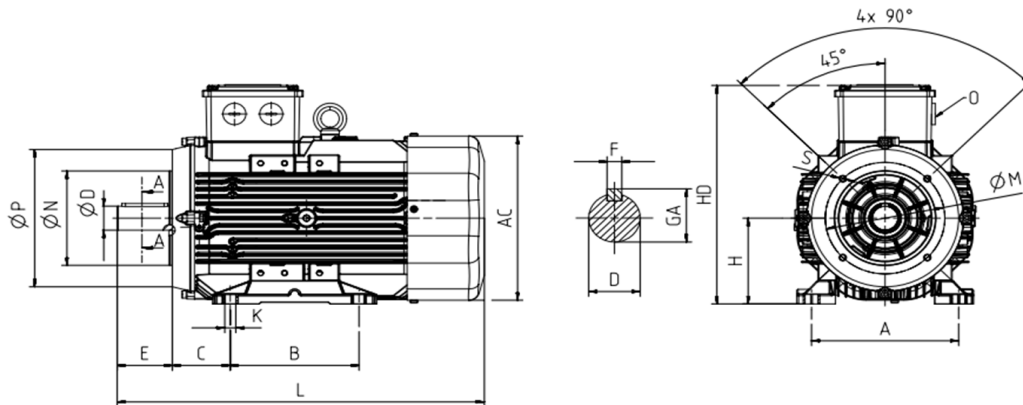
Bearing DE	6208-ZZ	Color	Optional
Bearing NDE	6208-ZZ	Motor protection	Optional
Lubricants	Shell Gadus S5 V220-2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M6
Insulation class	F	Cable gland	1xM32
Duty type	S1	Clamping range	18-25 mm
Direction of rotation	Clockwise	Mounting type	IM 3601 (B14-A)
Housing material	Aluminium		
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 63
		Moment of inertia (kgm ²)	0,03560
		Standard	IEC 60034-1
		Weight (kg)	49,5

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
260	481							38	80	41	10	200	130	165	M10