



WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor Type: Q3NFA80S4D40



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	Mk/ M_N	Nm	4/4	3/4	2/4	IE
230/400	0,75	50	1418	3,1/1,8	5,1	0,72	6,2	-		3,1	-		3,3		IE3-82,5%	81,9%	80,2%	IE3
265/460	0,75	60	1735	2,8/1,6	4,1	0,69	5,1	-		2,2	-		3,2		IE3-83,5%	89,7%	88,8%	IE3

Mechanical Data

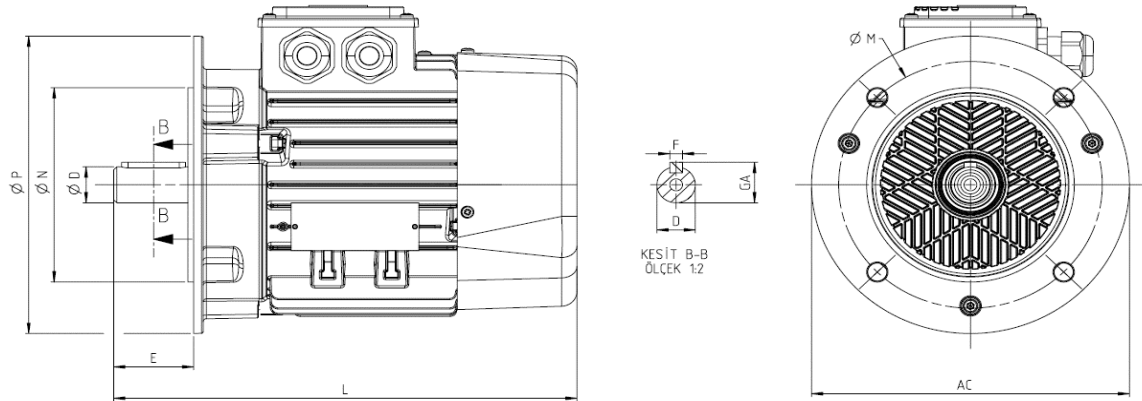
Bearing DE	6204-ZZ	Color	
Bearing NDE	6204-ZZ	Motor protection	IC 411
Lubricants	Shell Gadus S2 V100Q 2	Method of cooling	Top
Condensation drain hole	No	Terminal box position	Aluminium
External earthing terminal	Yes	Material of terminal box	M4
Vibration class	A	Terminal plate thread	1xM25
Insulation class	F	Cable gland	13-18 mm
Duty type	S1	Clamping range	IM 3001 (B5)
Direction of rotation	Clockwise	Mounting type	
Housing material	Aluminium		
Type of balancing	Half Key		

Enviromental Data

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP 56
Altitude above sea level	1000 m	Sound pressure level	52
		Moment of inertia (kg.m ²)	0,0025622
		Standard	IEC 60034-1
		Weight (kg)	9,8

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	R
198	255,7	-	-	-	-	-	-	19	40	21,5	6	198	130	165	-