



WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor



Motor Type: Q3NFC80S4D40

Electrical Data

RATED VALUES							STARTING VALUES				BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS
VOLTAGE V	POWER kW Hz		SPEED rpm	CURRENT A	TORQUE Nm	Cos Φ 4/4	CURRENT I_A / I_N		TORQUE M_A / M_N		TORQUE Mk/ Mn Nm	%			IEC 60034-30-1 IE
	Y	D					Y	D	4/4	3/4		2/4			
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

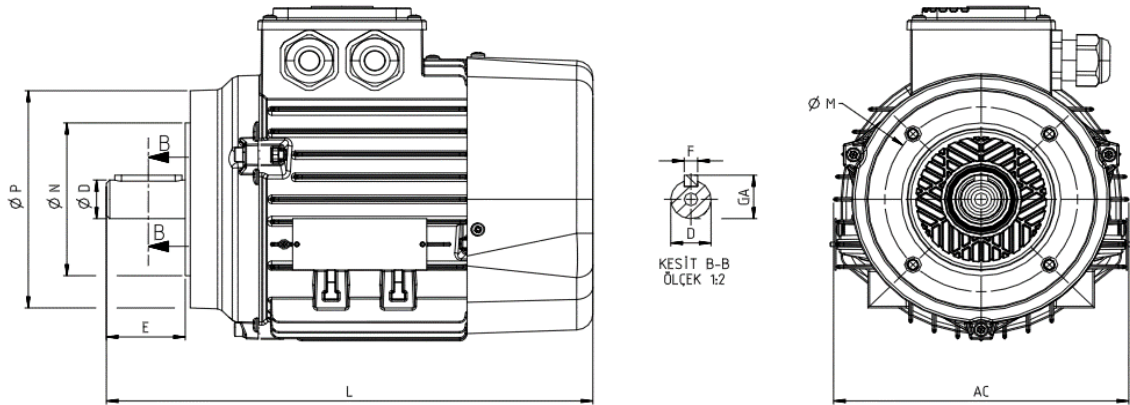
Bearing DE	6204-ZZ	Color	
Bearing NDE	6204-ZZ	Motor protection	IC 411
Lubricants	Shell Gadus S2 V100Q 2	Method of cooling	Top
Condensation drain hole	No	Terminal box position	Aluminium
External earthing terminal	Yes	Material of terminal box	M4
Vibration class	A	Terminal plate thread	1xM25
Insulation class	F	Cable gland	13-18 mm
Duty type	S1	Clamping range	IM 3601 (B14-A)
Direction of rotation	Clockwise	Mounting type	
Housing material	Aluminium		
Type of balancing	Half Key		

Environmental Data

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP 56
Altitude above sea level	1000 m	Sound pressure level	52 dBA
		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
156	255,7	-	-	-	-	-	-	19	40	21,5	6	117	80	100	-