WAT Motor
Sanayi ve Ticaret A.Ş.

Three Phase Squirrel Cage Induction Motor

Motor Type: **Q3NFC80S2C40**

Electrical Data

RATED VALUES							STARTING VALUES				BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	Cos Φ	CURRENT I_A / I_N		TORQUE M_A / M_N		TORQUE Mk/ Mn				IEC 60034-30-1
V	kW	Hz	rpm	A	Nm	4/4	Y	D	Y	D	Nm	4/4	3/4	2/4	IE
230/400	0,75	50	2890	3,1/1,8	2,5	0,77	7,60		3,30		3,70	80,7	79,4	74,9	IE3
265/460	0,75	60	3503	2,8/1,6	2,0	0,74	7,25		3,67		4,89	77,0	76,4	73,7	IE3

Mechanical Data

Bearing DE	6204-ZZ	*Color*	Optional
Bearing NDE	6204-ZZ	*Motor protection*	Optional
Lubricants	Shell Gadus S2 V100Q2	*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*	M4
Insulation class	F	*Cable gland*	1xM20
Duty type	S1	*Clamping range*	10-14 mm
Direction of rotation	Clockwise	*Mounting type*	IM 3601 (B14-A)
Housing material	Aluminum		
Type of balancing	Half Key		

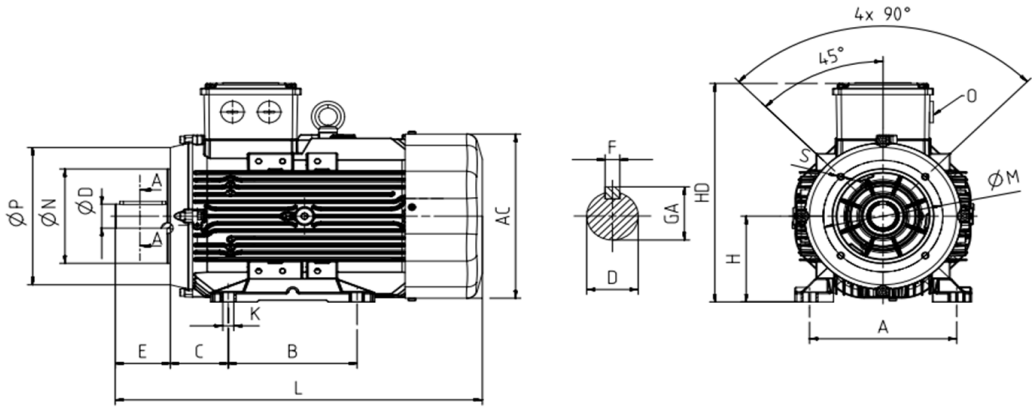
Enviromental Data

Ambient temperature	-20 / + 40 °C
Altitude above sea level	1000 m

Others

Type of protection		IP55
Sound pressure level 50/60Hz	dBA	64
Moment of inertia (kgm ^{2})		0,00090
Standard		IEC 60034-1
Weight (kg)		8,0

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
156	256							19	40	21,5	6	120	80	100	M6

Sensitivity: Confidential