



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q1HPA80M4-8A

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	EFFICIENCY			IEC 60034-30-1 IE	
	D	YY					D	YY	4/4	3/4		2/4				
400	0,15	50	718	0,7	2,0	0,56	3,0		1,6		2,5					
400	0,25	50	1443	0,9	1,7	0,84		5,5		1,9	1,8					

Mechanical Data

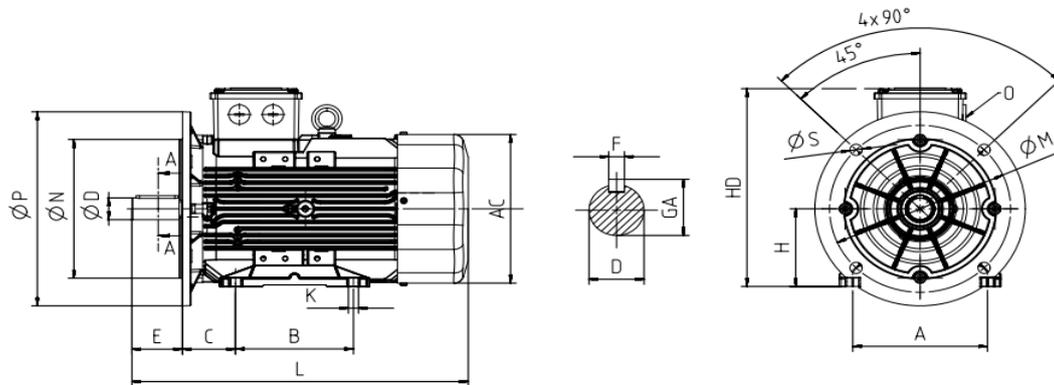
Bearing DE	6204-ZZ	Color	Optional
Bearing NDE	6204-ZZ	Motor protection	Optional
Lubricants	Shell Gadus S2 V100Q2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M4
Insulation class	F	Cable gland	1xM20
Duty type	S1	Clamping range	10-14 mm
Direction of rotation	Clockwise	Mounting type	IM 2001 (B35)
Housing material	Aluminium		
Type of balancing	Half Key		

Environmental Data

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP55
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	dBA 64
		Moment of inertia (kgm ²)	0,00160
		Standard	IEC 60034-1
		Weight (kg)	11,3

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
158	268	100	125	80	216	10	50	19	40	21,5	6	200	130	165	12

B34b