



WAT Motor  
Sanayi ve Ticaret A.Ş.



### Three Phase Squirrel Cage Induction Motor

Motor Type: Q4HFA180L6C

#### 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 $I_A / I_N$ Y   D			TORQUE $M_A / M_N$ Nm		4/4	3/4	2/4	IEC 60034-30-1 IE
	400/690	15	50	984	32,1/18,5	145,6	0,73	5,3		1,7	2,3				
460/795	15	60	1186	28,5/16,4	120,8	0,71	5,1		1,9	3,0	93,0	92,4	90,0	IE4	

#### Mechanical Data

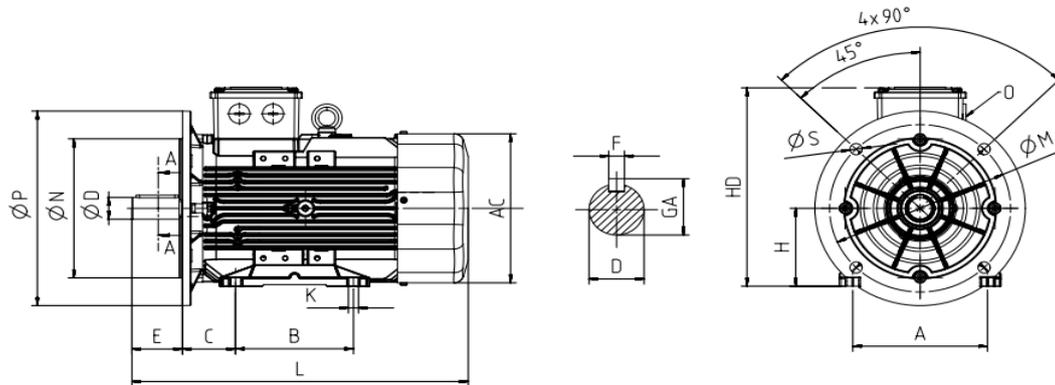
Bearing DE	6310-ZZ	Color	Optional
Bearing NDE	6310-ZZ	Motor protection	Optional
Lubricants	Shell Gadus S5 V220-2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M8
Insulation class	F	Cable gland	1xM40
Duty type	S1	Clamping range	22-32 mm
Direction of rotation	Clockwise	Mounting type	IM 3001 (B5)
Housing material	Aluminium		
Type of balancing	Half Key		

#### Environmental Data

#### Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	dBA 76
		Moment of inertia (kqm <sup>2</sup> )	0,23683
		Standard	IEC 60034-1
		Weight (kg)	197,5

#### 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
349	750							48	110	51,5	14	350	250	300	18,5