



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q4HFA200L4D

Electrical Data

RATED VALUES							STARTING VALUES			BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS		
VOLTAGE V	POWER kW Hz		SPEED rpm	CURRENT A	TORQUE Nm	Cos φ	CURRENT I_A / I_N			TORQUE M_A / M_N		TORQUE Nm	EFFICIENCY			IEC 60034-30-1 IE
	4/4	Y	D	Y	D	Mk/ Mn	4/4	3/4	2/4							
400/690	30	50	1480	53,8/31,2	193,6	0,86		8,1		2,2	4,2	94,9	95,2	94,9	IE4	
460/795	30	60	1783	46,2/26,7	160,7	0,85		7,6		2,4	5,4	95	95,3	95	IE4	

Mechanical Data

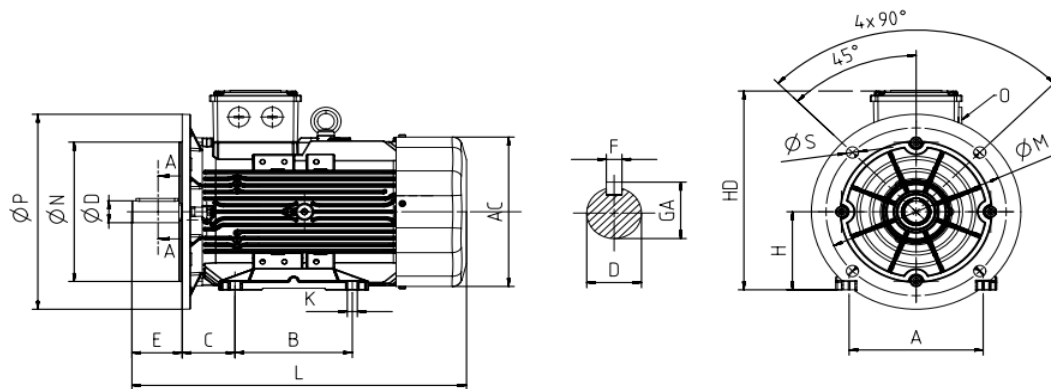
Bearing DE	6312-ZZ	Color	Optional
Bearing NDE	6310-ZZ	Motor protection	Optional
Lubricants	Shell Gadus S5 V220-2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M8
Insulation class	F	Cable gland	1xM50
Duty type	S1	Clamping range	30-38 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 69
		Moment of inertia (kgm ²)	0,21590
		Standard	IEC 60034-1
		Weight (kg)	190,0

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
349	759							55	110	59	16	400	300	350	18,5