



WAT Motor  
Sanayi ve Ticaret A.Ş.



### Three Phase Squirrel Cage Induction Motor

Motor Type: Q4H200L4D40-KI

#### Electrical Data

RATED VALUES							STARTING VALUES				BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS			
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	cos φ	CURRENT		TORQUE		TORQUE				IEC 60034-30-1			
V	kW	Hz	rpm	A	Nm	4/4	I <sub>A</sub> / I <sub>N</sub>	Y	D	M <sub>A</sub> / M <sub>N</sub>	Y	D	Mk / Mn	Nm	4/4	3/4	2/4	IE
400/690	30	50	1480	53,8/31,3	193,6	0,86		8,1		2,2			4,2		94,9	95,2	94,9	IE4
460/795	30	60	1783	46,7/27,0	160,7	0,85		8,1		2,2			4,2		95	95,3	95	IE4

#### Mechanical Data

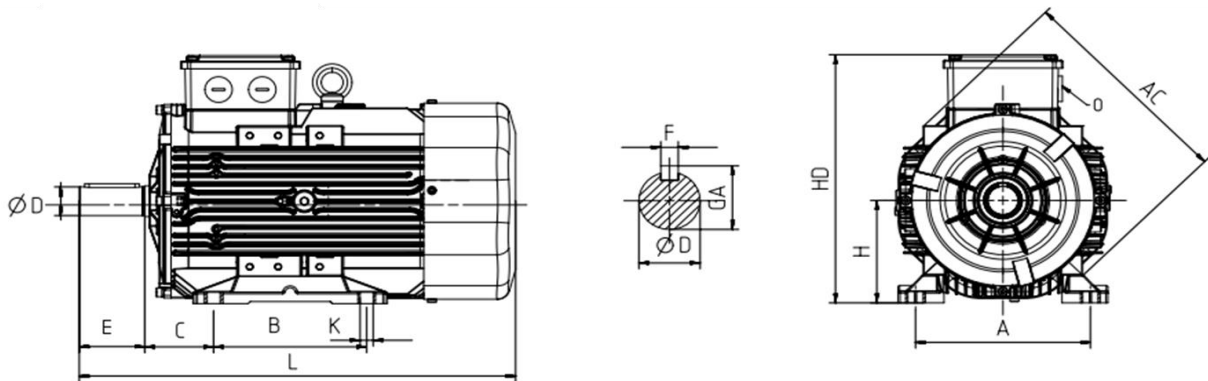
Bearing DE	6312-ZZ	Color	RAL 6011
Bearing NDE	6310-ZZ	Motor protection	PTC
Lubricants	Shell Gadus S5 V220-2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M8
Insulation class	F	Cable gland	1xM50
Duty type	S1	Clamping range	30-38 mm
Direction of rotation	Clockwise	Mounting type	IM 1001 (B3)
Housing material	Aluminum		
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	69 dBA
		Moment of inertia (kgm <sup>2</sup> )	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	267-305	318	200	455	18,5	133	55	110	59	16	-	-	-	-	