



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S2H180M4-8B40-KG

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_A / I_N YY	Y	M_A / M_N YY	Mk/ Mn Nm	4/4	3/4	2/4	IE
400	17	50	1484	33,2	109,4	0,83	7,80		1,90	3,20	91			
400	4,3	50	739	12,15	55,6	0,60		4,40	1,50	2,30	81,9			

Mechanical Data

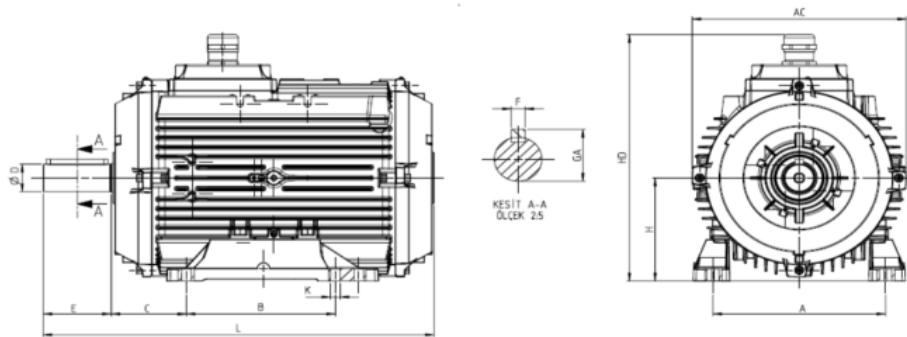
Bearing DE	6310 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6310 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Cable gland	M40x1.5
Insulation class	H	Clamping range	22-32
Duty type	S1	Mounting type	IM 1001 (B3)
Direction of rotation	Clockwise		
Housing material	Aluminium		
Type of balancing	Half Key		

Enviromental Data

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	dBA 70/66
		Moment of inertia (kgm ²)	0,18660
		Standard	IEC 60034-1
		Weight (kg)	121,0
		Resistance to fire	300 C° 2 Hour F300 EN 12101-3

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
346	632	241	279	180	430	14,5	121	48	110	51,5	14				