



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S2H180L2-4C40-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	20	50	2957	32,8	64,6	0,96	7,20		2,00	3,20	91,4			
400	5	50	1479	9	32,3	0,91		6,00	1,40	2,80	88,3			

Mechanical Data

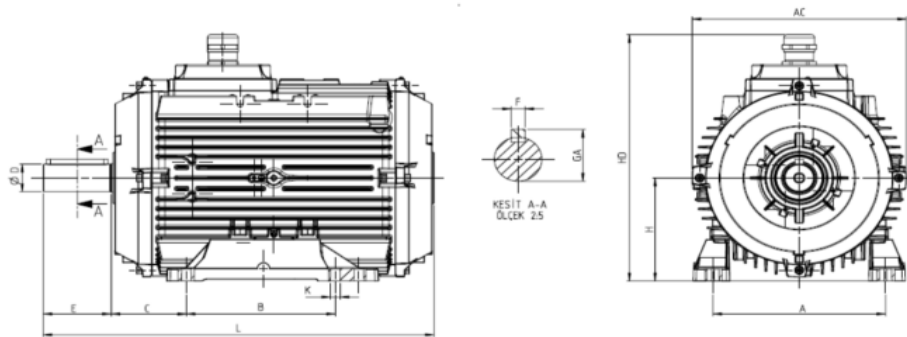
Bearing DE	6310 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6310 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
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 70/73
		Moment of inertia (kgm ²)	0,14659
		Standard	IEC 60034-1
		Weight (kg)	131,3
		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	682	241	279	180	430	14,5	121	48	110	51,5	14				