



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S2H160M2-4B40-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	12	50	2974	26,9	38,5	0,75	9,70		3,50	5,10	89,7			
400	3	50	1485	6,25	19,3	0,78		8,80	3,20	4,30	85,5			

Mechanical Data

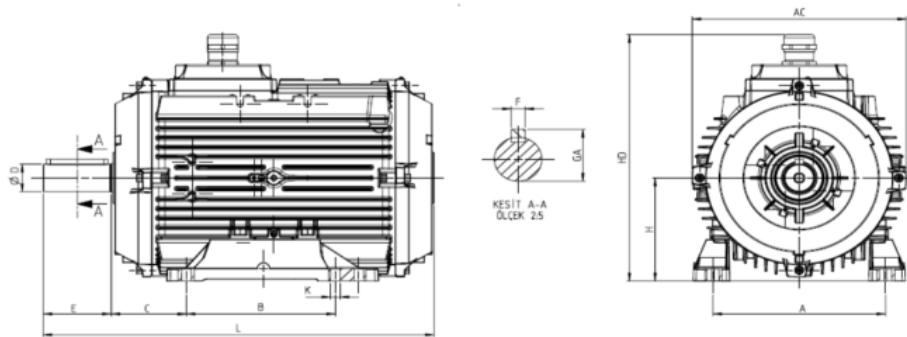
Bearing DE	6309 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6209 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Cable gland	M32x1.5
Insulation class	H	Clamping range	18-25
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 61/56
		Moment of inertia (kgm ²)	0,03517
		Standard	IEC 60034-1
		Weight (kg)	100,0
		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
314	539	210	254	160	374	14,5	108	42	110	45	12				