



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S2H90S4-8B40-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	M_A / M_N	Mk/ Mn Nm	4/4	3/4	2/4	IE
400	1,2	50	1430	2,7	8,0	0,82	5,60		2,10	2,70	85,5			
400	0,3	50	705	1,2	4,1	0,59		2,70	1,50	2,00	50,6			

Mechanical Data

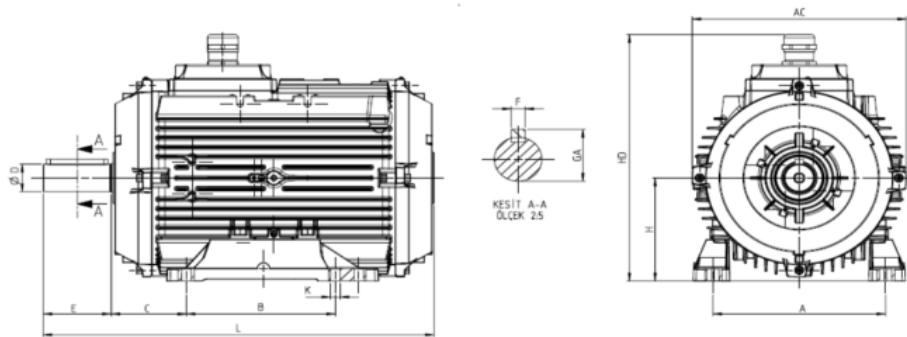
Bearing DE	6305 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6205 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Cable gland	M25x1.5
Insulation class	H	Clamping range	13-18
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 55/58
		Moment of inertia (kgm ²)	0,00205
		Standard	IEC 60034-1
		Weight (kg)	17,4
		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
172	308	100	140	90	238	10	56	24	50	27	8				