WAT Motor
Sanayi ve Ticaret A.Ş.

Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: **S3H90L4C40-KG**

Electrical Data

RATED VALUES							STARTING VALUES				BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	Cos Φ	CURRENT I_A / I_N		TORQUE M_A / M_N		TORQUE Mk/ Mn				IEC 60034-30-1
V	kW	Hz	rpm	A	Nm	4/4	Y	D	Y	D	Nm	4/4	3/4	2/4	IE
230/400	1,1	50	1448	4,3/2,5	7,3	0,77	7,50		3,40		3,90	IE3-84,1	81	77,3	IE3
265/460	1,1	60	1752	4,0/2,3	6,0	0,78	7,30		3,20		3,80	IE3-86,5	84,1	82,7	IE3

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		

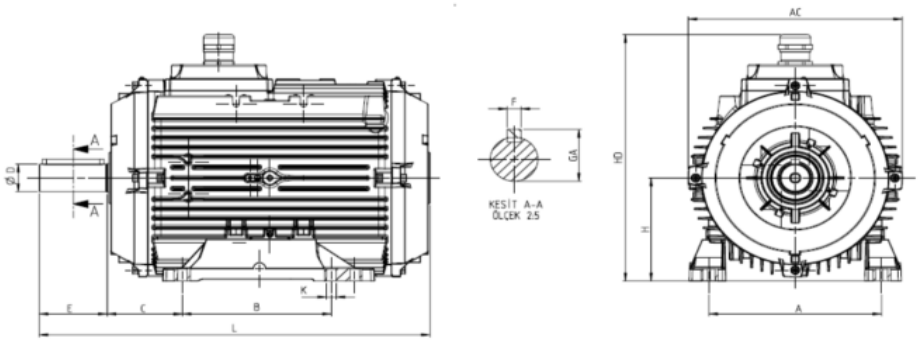
Enviromental Data

Ambient temperature	-20 / + 40 °C
Altitude above sea level	1000 m

Others

Type of protection		IP56
Sound pressure level 50/60Hz	dBA	53
Moment of inertia (kgm ^{2})		0,00464
Standard		IEC 60034-1
Weight (kg)		17,9
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				

Sensitivity: Confidential