WAT Motor
Sanayi ve Ticaret A.Ş.

Smoke Extraction Motor F400 2 Hour EN 12101-3

Motor Type: **S2HG160M2-4B40-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	YY	Y	YY	Y	Nm	4/4	3/4	2/4	IE
400	12	50	2962	23	38,7	0,91	9,70		3,50		5,10	89,7			
400	3	50	1479	6,3	19,4	0,84		8,80		3,20	4,30	85,5			

Mechanical Data

Bearing DE	6309 ZZ C4 DUPONT260C ORS	*Color*	Optional
Bearing NDE	6309 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*	Cast Iron
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	Cast Iron		
Type of balancing	Half Key		

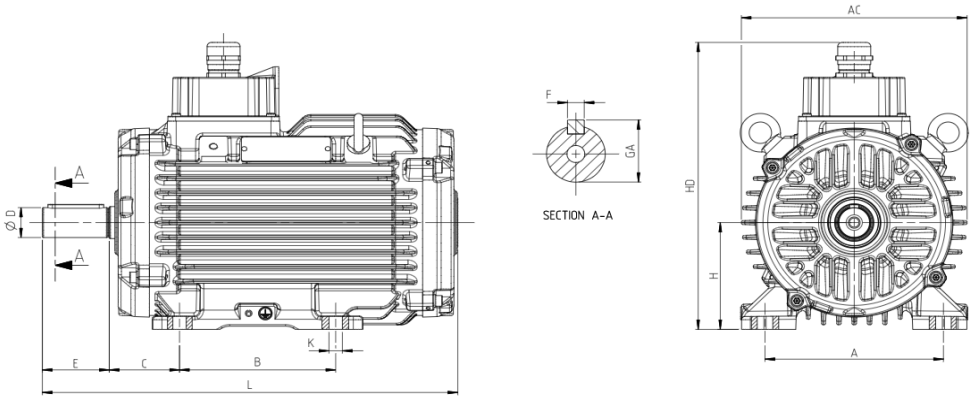
Enviromental Data

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

Others

Type of protection		IP56
Sound pressure level 50/60Hz	dBA	61/56
Moment of inertia (kgm ^{2})		0,03517
Standard		IEC 60034-1
Weight (kg)		136,0
Resistance to fire		400 C° 2 Hour F400 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
327	543	210	254	160	404	14,5	108	42	110	45	12				

Sensitivity: Confidential