WAT Motor
Sanayi ve Ticaret A.Ş.

Smoke Extraction Motor F400 2 Hour EN 12101-3

Motor Type: **S2HG80M2-4B40-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	1,1	50	2878	2,3	3,6	0,92	6,00		1,90		2,60	79,6			
400	0,25	50	1448	0,61	1,6	0,83		5,30		2,00	2,50	68,5			

Mechanical Data

Bearing DE	6204 ZZ C4 DUPONT260C ORS	*Color*	Optional
Bearing NDE	6204 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*	M20x1.5
Insulation class	H	*Clamping range*	D6-12
Duty type	S1	*Mounting type*	IM 1001 (B3)
Direction of rotation	Clockwise		
Housing material	Cast Iron		
Type of balancing	Half Key		

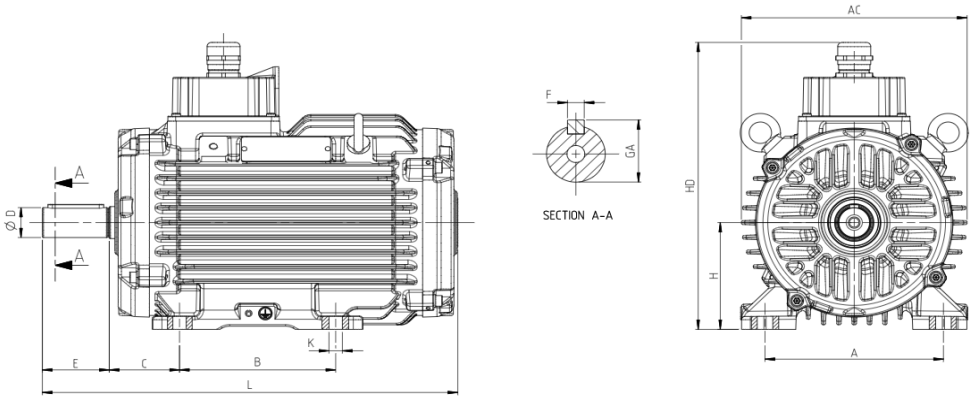
Enviromental Data

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

Others

Type of protection		IP56
Sound pressure level 50/60Hz	dBA	54/44
Moment of inertia (kgm ^{2})		0,00205
Standard		IEC 60034-1
Weight (kg)		20,2
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
175	282	100	125	80	230	10	50	19	40	21,5	6				

Sensitivity: Confidential