



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F400 2 Hour EN 12101-3

Motor Type: S3HG225M4C40-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	D	M _A / M _N	D	Mk / Mn Nm	4/4	3/4	2/4	IE
400/690	45	50	1485	81,4/47,0	289,4	0,85		8,10		2,90	3,40	IE3-94,2	93,9	93,7	IE3

Mechanical Data

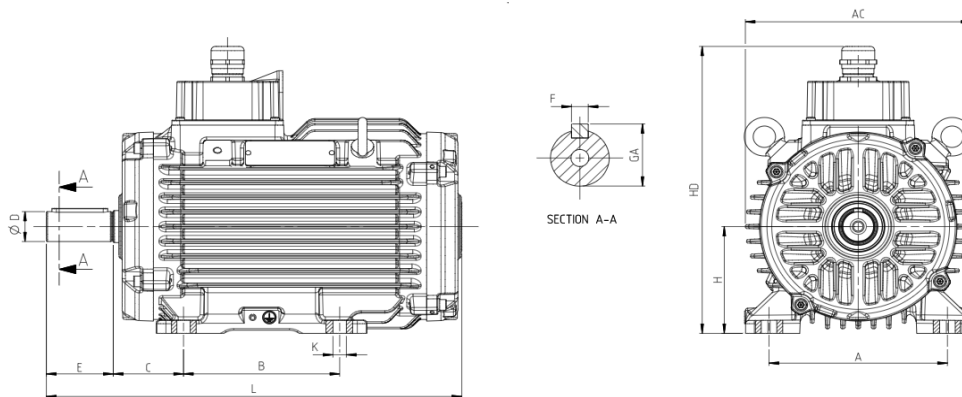
Bearing DE	6313 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6313 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Cable gland	M40x1.5
Insulation class	H	Clamping range	22-32
Duty type	S1	Mounting type	IM 1001 (B3)
Direction of rotation	Clockwise		
Housing material	Cast Iron		
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 71
		Moment of inertia (kgm ²)	0,43500
		Standard	IEC 60034-1
		Weight (kg)	354,6
		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
438	805	286	356	225	550	18,5	151	60	140	65	18				