



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F400 2 Hour EN 12101-3

Motor Type: S3HG160M2C40-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	Mk/ Mn Nm	4/4	3/4	2/4	IE
400/690	11	50	2965	20,1/11,6	35,4	0,93		11,00	3,50	5,20	IE3-91,2	88,1	83,2	IE3
460/795	11	60	3572	18,5/10,6	29,4	0,93		10,45	3,33	4,94	IE3-91,0	86,5	82,1	IE3

Mechanical Data

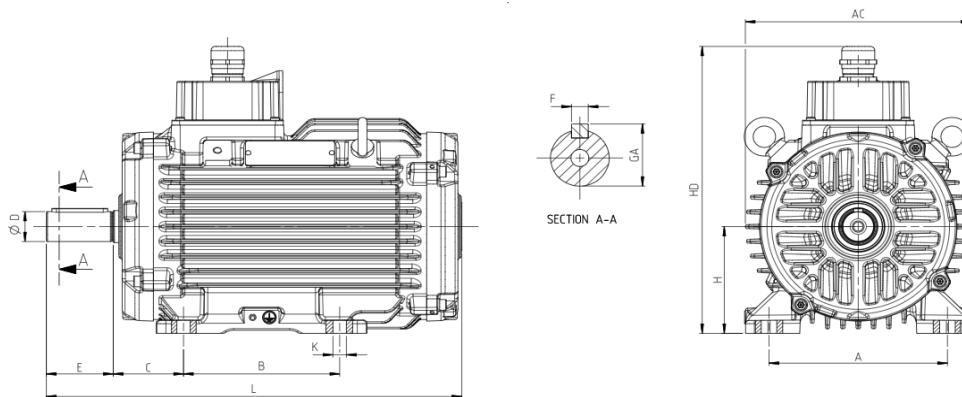
Bearing DE	6309 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6309 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
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

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	dBA 70
		Moment of inertia (kgm ²)	0,03517
		Standard	IEC 60034-1
		Weight (kg)	84,0
		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				