



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F400 2 Hour EN 12101-3

Motor Type: S3HG180M2A40-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	22	50	2969	39,5/22,8	70,8	0,90		9,18	2,77	4,24	IE3-92,7	91,9	91,7	IE3
460/795	22	60	3570	34,9/20	58,8	0,90		8,72	2,63	4,03	IE3-91,7	91	90,4	IE3

Mechanical Data

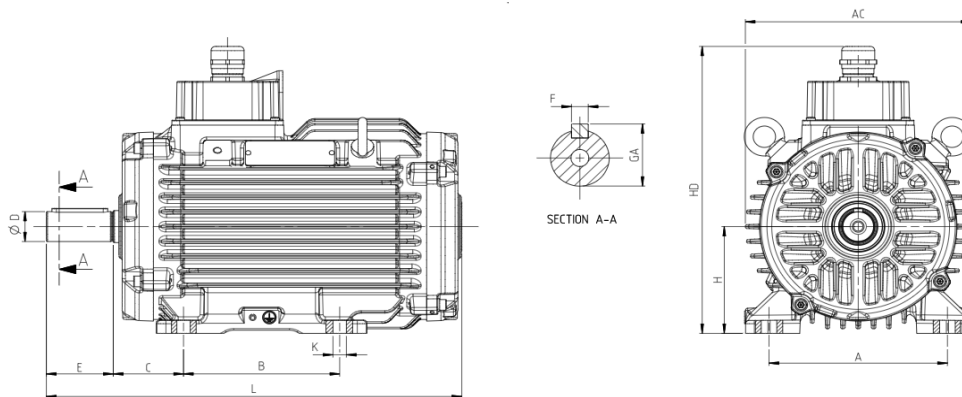
Bearing DE	6310 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6310 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
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 77
		Moment of inertia (kgm ²)	0,09460
		Standard	IEC 60034-1
		Weight (kg)	155,0
		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
355	618	241	279	180	467	14,5	121	48	110	51,5	14				