



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F400 2 Hour EN 12101-3

Motor Type: S3HG180L4B40-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	22	50	1486	43,5/25,1	141,4	0,80		9,00		2,40	4,00	IE3-93,0	92,6	91,5	IE3
460/795	22	60	1787	38,2/22,1	117,6	0,79		8,55		2,60	5,30	IE3-93,6	93,2	92,1	IE3

Mechanical Data

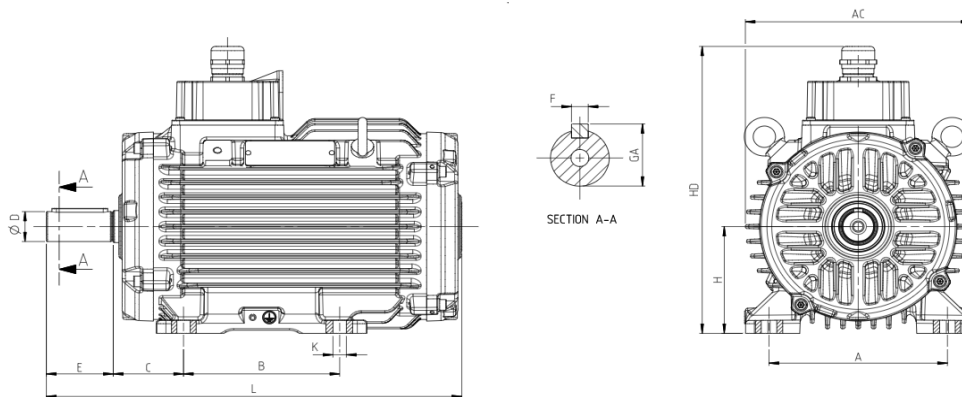
Bearing DE	6310 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6310 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
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 68
		Moment of inertia (kgm ²)	0,18660
		Standard	IEC 60034-1
		Weight (kg)	205,0
		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	678	241	279	180	467	14,5	121	48	110	51,5	14				