



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F400 2 Hour EN 12101-3

Motor Type: S3HG132S2D40-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	7,5	50	2929	14,5/8,4	24,5	0,88		13,70	8,30	10,70	IE3-90,1	89	88,5	IE3
460/795	7,5	60	3531	13,1/7,6	20,3	0,87		13,02	7,89	10,17	IE3-90,2	89,8	89	IE3

Mechanical Data

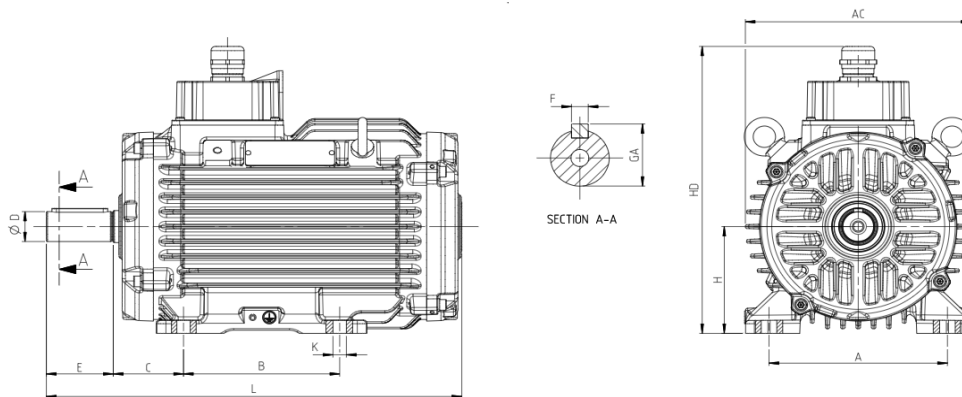
Bearing DE	6308 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6308 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
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 69
		Moment of inertia (kgm ²)	0,03091
		Standard	IEC 60034-1
		Weight (kg)	62,9
		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
273	479	140	216	132	354	12	89	38	80	41	10				