



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F400 2 Hour EN 12101-3

Motor Type: S3HG160M2D40-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	15	50	2967	26,4/15,25	48,3	0,88		10,50	3,30	4,95	IE3-91,9	90,3	87,9	IE3
460/795	15	60	3570	24,7/14,2	40,1	0,88		9,98	3,14	4,70	IE3-91,0	90,2	87,7	IE3

Mechanical Data

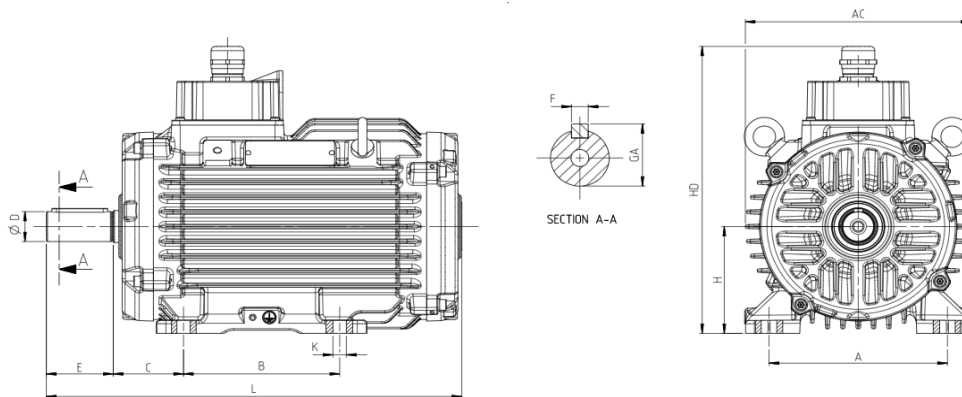
Bearing DE	6309 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6309 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
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)	0,04322
		Standard	IEC 60034-1
		Weight (kg)	108,0
		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				