



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F400 2 Hour EN 12101-3

Motor Type: S4HG280M2D40-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	90	50	2985	146,7/84,8	287,9	0,92		7,80	2,90	5,70	IE4-95,8	95,7	94,9	IE4
460/795	90	60	3586	128,4/74,2	239,7	0,92		8,50	3,50	7,70	IE4-95,4	95	93,7	IE4

Mechanical Data

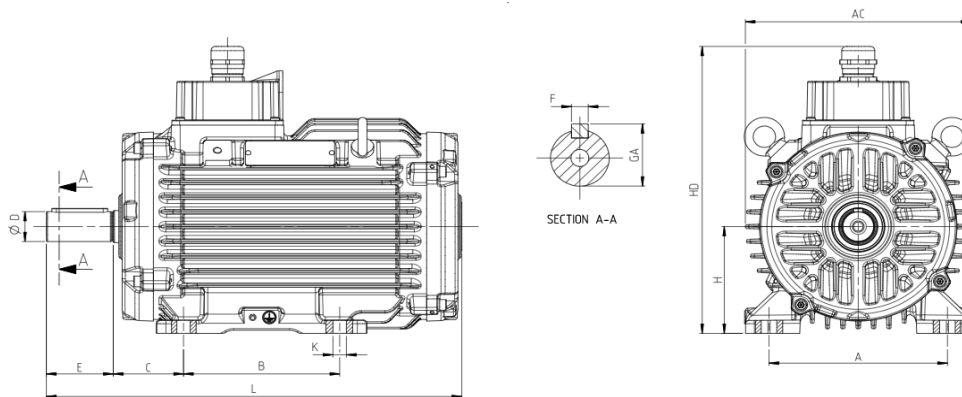
Bearing DE	6314 ACIK C4 YOK ORS	Color	Optional
Bearing NDE	6314 ACIK C4 YOK ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Cable gland	M50x1.5
Insulation class	H	Clamping range	34-44
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 79
		Moment of inertia (kgm ²)	1,26380
		Standard	IEC 60034-1
		Weight (kg)	680,0
		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
574	907	368	457	280	658	24	190	65	140	69	18				