



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S2H80M4-8C40-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	YY	M_A / M_N	Mk/ Mn Nm	4/4	3/4	2/4	IE
400	0,6	50	1463	2,1	3,9	0,59	4,90		2,40	6,70	70,7			
400	0,15	50	728	1	2,0	0,48		2,60	2,20	6,00	48,4			

Mechanical Data

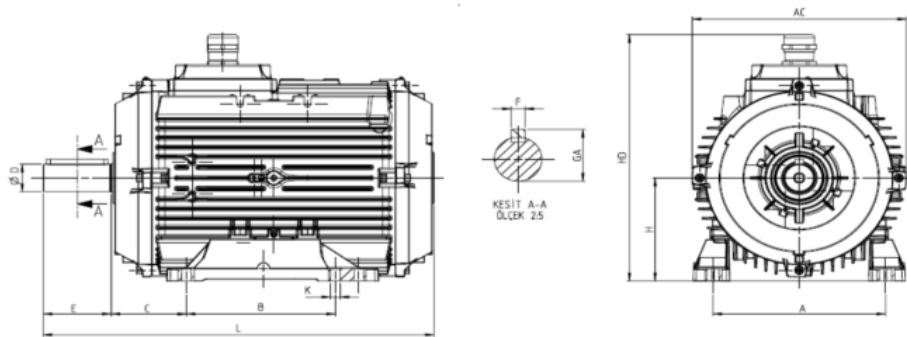
Bearing DE	6204 ZZ C4 DUPONT260C ORS	Color	Optional
Bearing NDE	6204 ZZ C4 DUPONT260C ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Cable gland	M20x1.5
Insulation class	H	Clamping range	D6-12
Duty type	S1	Mounting type	IM 1001 (B3)
Direction of rotation	Clockwise		
Housing material	Aluminium		
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 54/58
		Moment of inertia (kgm ²)	0,00205
		Standard	IEC 60034-1
		Weight (kg)	8,6
		Resistance to fire	300 C° 2 Hour F300 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
173	263	100	125	80	213	10	50	19	40	21,5	6				