



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S2EP250L4-8D40-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	55	50	1488	92,5	353,0	0,92	10,20		3,30	4,50	93,6			
400	14,7	50	740	31,9	189,7	0,75		7,20		2,60	90,6			

Mechanical Data

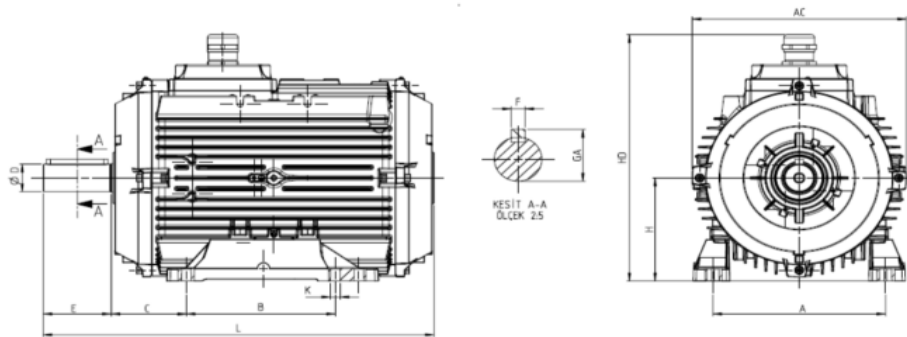
Bearing DE	6316 Z C4 ORS	Color	Optional
Bearing NDE	6316 Z C4 ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Cable 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 72/75
		Moment of inertia (kgm ²)	0,43500
		Standard	IEC 60034-1
		Weight (kg)	278,2
		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
522	795	311	406	250	578	24	168	65	140	69	18				