



WAT Motor
Sanayi ve Ticaret A.Ş.



Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S3EP250M2B40-KG

Electrical Data

RATED VALUES							STARTING VALUES				BREAKDOWN			EFFICIENCY			EFFICIENCY CLASS	
VOLTAGE V	POWER kW Hz		SPEED rpm	CURRENT A	TORQUE Nm	Cos φ	CURRENT I_A / I_N		TORQUE M_A / M_N		TORQUE Mk/ Mn Nm				IEC 60034-30-1			
	4/4	Y	D	Y	D	Y	D	Mk/ Mn Nm	4/4	3/4	2/4				IE			
400/690	55	50	2983	96,3/55,6	176,1	0,92		8,50		2,40	4,40	IE3-94,3	93,6	92,1				IE3
460/795	55	60	3585	83,8/48,4	146,5	0,92		8,20		2,30	4,30	IE3-93,6	93,2	92,6				IE3

Mechanical Data

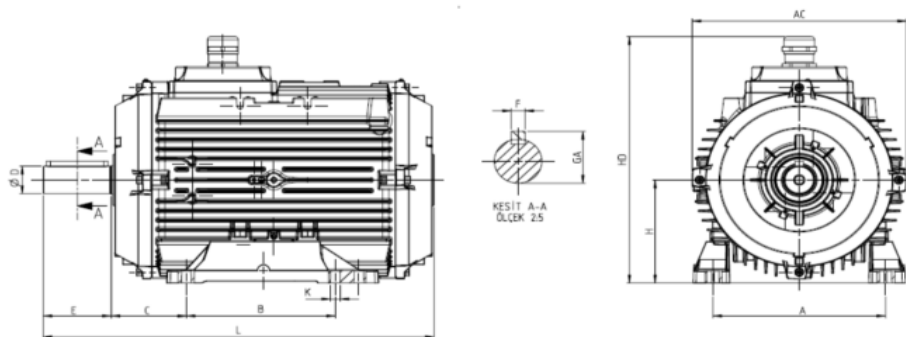
Bearing DE	6316 ACIK C4 YOK ORS	Color	Optional
Bearing NDE	6316 ACIK C4 YOK ORS	Motor protection	Optional
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration 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		

Environmental Data

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	dBA 81
		Moment of inertia (kgm ²)	0,48700
		Standard	IEC 60034-1
		Weight (kg)	475,0
		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	60	140	64	18				