



WAT Motor  
Sanayi ve Ticaret A.Ş.



## Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor type S3EP250M4E40-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	A	Nm	4/4		I <sub>A</sub> / I <sub>N</sub>	M <sub>A</sub> / M <sub>N</sub>	Mk / Mn	
400/690	55	50	1492	104,7/60,5	353,10	0,81	-	8,2	-	3	3,5	IE3-94,6	93,8	91,5	IE3
460/795	55	60	1793	90,5/52,3	293,80	0,8	-	7,9	-	2,8	3,4	IE3-95,4	94,8	91,3	IE3

### Mechanical Data

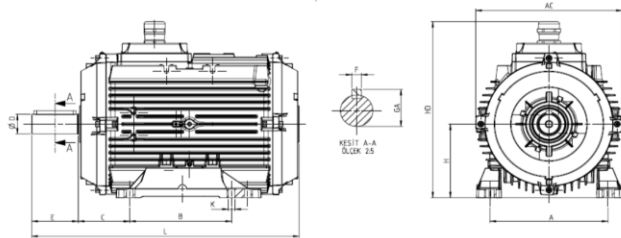
Bearing DE	6316 Z C4	Color	RAL 7031
Bearing NDE	6316 Z C4	Motor protection	No
Lubricants	Dupont GPL 226 Krytox (260 C°)	Method of cooling	IC 418
Condensation drain hole	Yes	Terminal box position	Top
External earthing terminal	A	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M10
Insulation Class	H	Cable gland	1,5XM50
Duty type	S1	Clamping range	34-44
Direction of rotation	Clockwise	Mounting type	IM 1001 (B3)
Housing material	Aluminium		
Type of balancing	Half Key		

### Environmental Data

### Others

Ambient Temperature	-20 / + 40 °C	Type of protection	IP 55
Altitude above sea level	1000 m	Sound Pressure Level 50/60Hz dBA	72
		Moment of Inertia (kg.mm <sup>2</sup> )	0,908
		Standard	IEC 60034-1
		Weight (Kg)	494
		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	R
522	795	311	406	250	578	24	168	65	140	69	18	-	-	-	-