SIEMENS

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data: **1LE1603-2CA23-4AB4-Z**
L51

Motor type: **1CV3252A**
Client order no.: Item no.:
Order no.: Consignment no.:
Offer no.: Project:
Remarks:

U [V]	Δ / Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%] 4/4	3/4	2/4	Power factor at ... load 4/4	3/4	2/4	I_A/I_N I_I/I_N	M_A/M_N T_I/T_N	M_K/M_N T_B/T_N	IE-CL
400	Δ	50	55.00	- / -	95.00	2975	177.0	94.3	94.5	93.9	0.89	0.87	0.80	6.7	2.3	3.1	IE3
690	Y	50	55.00	- / -	55.00	2975	177.0	94.3	94.5	93.9	0.89	0.87	0.80	6.7	2.3	3.1	IE3
460	Δ	60	62.00	- / -	92.00	3575	166.0	93.6	93.6	92.7	0.90	0.88	0.82	6.7	2.3	3.0	IE3
460	Δ	60	55.00	- / -	83.00	3578	147.0	93.6	93.4	92.3	0.89	0.87	0.79	7.3	2.5	3.3	IE3
IM B3 / IM 1001		FS 250 M			385 kg	IP55	CC032A	IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data

Sound pressure level 50Hz/60Hz (load)	73 dB(A)	76 dB(A)
Moment of inertia	0.46 kg m²	
Bearing DE | NDE	6315 C3	6315 C3
Relubrication interval/quantity	25 g | 25 g 4000 h	
Lubricants	Esso Unirex N3	
Regreasing device	Yes (standard)	
Grease nipple	M10x1 DIN 3404 A	
Type of bearing	Locating bearing DE	
Condensate drainage holes	Yes (standard)	
External earthing terminal	Yes (standard)	
Vibration class	A	
Insulation	155(F) to 130(B)	
Duty type	S1	
Direction of rotation	bidirectional	
Frame material	cast iron	
Data of anti condensation heating	-/-	
Coating	Special paint finish C3	
Color	RAL7030	
Motor protection	(B) 3 PTC thermistors - for tripping (standard) (2 terminals)	
Method of cooling	IC411 - self ventilated, surface cooled	

Environmental conditions

Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

Terminal box

Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 N01
Contact screw thread	M10
Max. cross-sectional area	120.0 mm²
Cable diameter from ... to ...	34.0 mm - 42.0 mm
Cable entry	2xM63x1,5-2xM20x1,5
Cable gland	4 plugs

Special design

L51 Bearing insulation NDE

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

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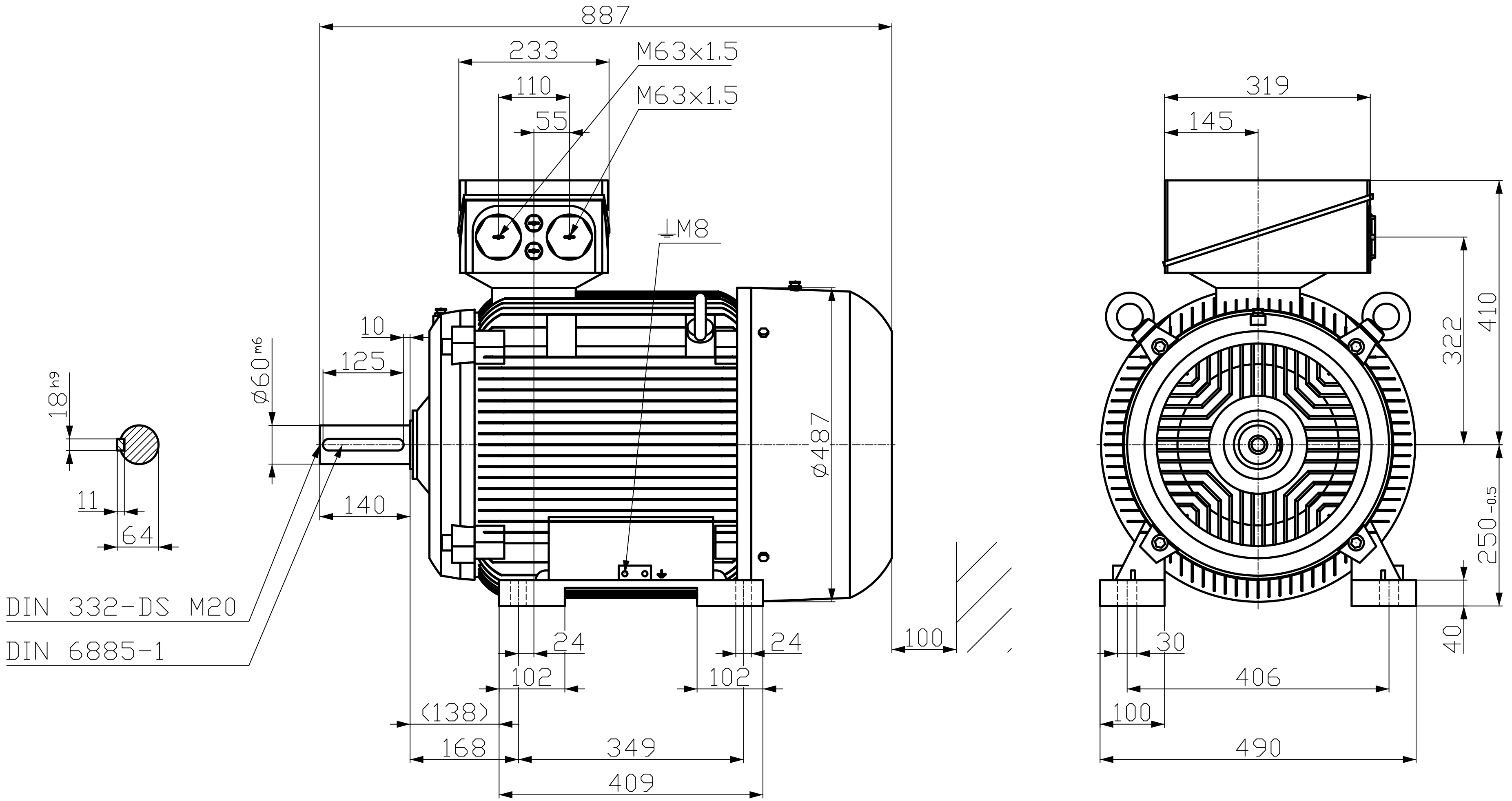

Tolerance	Surface	Material	Weight	Scale
			-	mm

1LE1603-2CA23-4AB4-Z L51	Author	Dimensional drawing MaÇzeichnung
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	Department	
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