



**Ordering data:** 1LE1603-2AA53-4FB4

**Motor type:** 1CV3205A

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ / Y	f [Hz]	P		I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I <sub>A</sub> /I <sub>N</sub> I <sub>A</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>f</sub> /T <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	37.00	- / -	65.00	2955	120.0	93.7	94.1	93.8	0.88	0.84	0.77	7.1	2.5	3.2	IE3
690	Y	50	37.00	- / -	38.00	2955	120.0	93.7	94.1	93.8	0.88	0.84	0.77	7.1	2.5	3.2	IE3
460	Δ	60	41.50	- / -	63.00	3555	111.0	93.6	93.5	92.9	0.89	0.87	0.80	7.1	2.5	3.2	IE3

IM B5 / IM 3001		FS 200 L	250 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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Mechanical data			Terminal box	
Sound pressure level 50 Hz/60Hz (load)	74 db(A)	79 db(A)	Terminal box position	top
Moment of inertia	0.158 kg m <sup>2</sup>		Material of terminal box	cast iron
Bearing DE   NDE	6312 C3	6312 C3	Type of terminal box	TB1 L01
Relubrication interval/quantity	10 g   10 g 4000 h		Contact screw thread	M6
Lubricants	Esso Unirex N3		Max. cross-sectional area	25.0 mm <sup>2</sup>
Regreasing device	Yes (standard)		Cable diameter from ... to ...	27.0 mm - 35.0 mm
Grease nipple			Cable entry	2xM50x1,5-2xM20x1,5
Type of bearing	Locating bearing NDE		Cable gland	3 plugs
Condensate drainage holes	Yes (standard)		<b>Environmental conditions</b>	
External earthing terminal	Yes (standard)		Ambient temperature	-20 °C - +40 °C
Vibration class	A		Altitude above sea level	1000 m
Insulation	155(F) to 130(B)		<b>Special design</b>	
Duty type	S1			
Direction of rotation	bidirectional			
Frame material	cast iron			
Data of anti condensation heating	-/-			
Coating	Special paint finish			
Color	RAL7030			
Motor protection	(B) 3 PTC thermistors - for tripping (standard)			
Method of cooling	IC411 - self ventilated, surface cooled			