



Ordering data: 1LE1603-2AA53-4AB4

Motor type: 1CV3205A

Client order no.:

Order no.:

Offer no.:

Remarks:

Item no.:

Consignment no.:

Project:

U	Δ / Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N	M _A /M _N	M _K /M _N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _I /I _N	T _I /T _N	T _B /T _N	
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 B3 / IM 1001			FS 200 L		250 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data

Sound pressure level 50 Hz/60Hz (load)	74 db(A)	79 db(A)
Moment of inertia	0.158 kg m ²	
Bearing DE NDE	6312 C3	6312 C3
Relubrication interval/quantity	10 g 10 g 4000 h	
Lubricants	Esso Unirex N3	
Regreasing device	Yes (standard)	
Grease nipple		
Type of bearing	Locating bearing NDE	
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	
Color	RAL7030	
Motor protection	(B) 3 PTC thermistors - for tripping (standard)	
Method of cooling	IC411 - self ventilated, surface cooled	

Environmental conditions

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

Explosion protection

Type of protection	- / -
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Terminal box

Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 L01
Contact screw thread	M6
Max. cross-sectional area	25.0 mm ²
Cable diameter from ... to ...	27.0 mm - 35.0 mm
Cable entry	2xM50x1,5-1xM16x1,5
Cable gland	3 plugs

Special design