



Ordering data: **1LE1603-2DB23-4AB4**

Motor type: **1CV3282B**

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	90.00	- / -	157.00	1485	579.0	95.2	95.5	95.3	0.87	0.84	0.76	7.2	2.6	3.0	IE3
690	Y	50	90.00	- / -	91.00	1485	579.0	95.2	95.5	95.3	0.87	0.84	0.76	7.2	2.6	3.0	IE3
460	Δ	60	104.00	- / -	158.00	1785	556.0	95.0	95.3	94.9	0.87	0.85	0.77	7.0	2.6	2.9	IE2
460	Δ	60	90.00	- / -	136.00	1788	481.0	95.4	95.5	94.9	0.87	0.84	0.75	8.0	2.9	3.3	IE3
IM B3 / IM 1001		FS 280 M		670 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

All values are calculated. The final rating plate data will be determined upon receipt of an order.  
Efficiency factor and efficiency class according to EuP directive apply to rated power under standard conditions.

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	70 dB(A)   79 dB(A)	Terminal box position	top
Moment of inertia	1.70 kg m <sup>2</sup>	Material of terminal box	cast iron
Bearing DE   NDE	6317 C3   6317 C3	Type of terminal box	TB1 N01
Relubrication interval/quantity	30 g   30 g 8000 h	Contact screw thread	M10
Lubricants	Esso Unirex N3	Max. cross-sectional area	120.0 mm <sup>2</sup>
Regreasing device	Yes (standard)	Cable diameter from ... to ...	34.0 mm - 42.0 mm
Grease nipple	M10x1 DIN 3404 A	Cable entry	2xM63x1,5-2xM20x1,5
Type of bearing	Locating bearing NDE	Cable gland	4 plugs
Condensate drainage holes	Yes (standard)	Special design	
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)		
Method of cooling	IC411 - self ventilated, surface cooled		
Environmental conditions			
Ambient temperature	-20 °C - +40 °C		
Altitude above sea level	1000 m		