



**Ordering data:** 1LE1501-2DB03-4AB4

**Motor type:** 1CV2280B

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	75.00	- / -	132.00	1485	482.0	94.0	94.2	93.8	0.87	0.85	0.78	6.8	2.5	3.0	IE2
690	Y	50	75.00	- / -	77.00	1485	482.0	94.0	94.2	93.8	0.87	0.85	0.78	6.8	2.5	3.0	IE2
460	Δ	60	86.00	- / -	130.00	1785	460.0	94.5	94.6	94.0	0.88	0.86	0.80	6.7	2.5	2.8	IE2
460	Δ	60	75.00	- / -	114.00	1785	401.0	94.5	94.3	93.2	0.87	0.84	0.77	7.6	2.7	3.2	IE2
IM B3 / IM 1001		FS 280 S		550 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data				Terminal box			
Sound pressure level 50Hz/60Hz (load)	71 db(A)	79 db(A)		Terminal box position	top		
Moment of inertia	1.30 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)			Environmental conditions			
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)			Special design			
Duty type	S1						
Direction of rotation	bidirectional						
Frame material	cast iron						
Data of anti condensation heating	-/-						
Coating	Standard paint finish C2						
Color	RAL7030						
Motor protection	(B) 3 PTC thermistors - for tripping						
Method of cooling	IC411 - self ventilated, surface cooled						