

Ordering data

1LE1501-2DA23-4FA4

Bestelldaten:

Client-order-no. / Kunden-Auftrags-Nr.:

Order-no. / Siemens-Auftrags-Nr.:

Offer-no. / Angebots-Nr.:

Remarks / Bemerkung:

Item-no. / Item-Nr.:

Consignment-no. / Komm.-Nr.:

Project / Anlage:



Electrical data / Elektrische Daten:

Rated motor voltage <i>Bemessungsspannung</i>	(34) 400VD/690VY 50Hz, 460VD 60Hz (34) 400VD/690VY 50Hz, 460VD 60Hz	
Frequency <i>Frequenz</i>	50 Hz	60 Hz
Rated motor power <i>Bemessungsleistung</i>	90.00 kW	101.00 kW
Rated motor speed <i>Bemessungsdrehzahl</i>	2975 1/min	3575 1/min
Rated motor torque <i>Bemessungsmoment</i>	288.9 Nm	269.8 Nm
	VD	VY
Rated motor current (IE) <i>Bemessungsstrom (IE)</i>	157.0 A	91.0 A
Starting- / rated motor current <i>Anzugs-/ Bemessungsstrom</i>	7.1	7.2
Breakdown / rated motor torque <i>Kipp-/ Bemessungsmoment</i>	3.1	3.1
Starting- / rated motor torque <i>Anzugs-/Bemessungsmoment</i>	2.5	2.5
Efficiency class <i>Wirkungsgradklasse</i>	IE2	IE2
	4/4	3/4
Efficiency % <i>Wirkungsgrad %</i>	94.1	94.2
Power factor <i>Leistungsfaktor</i>	0.88	0.86
Motor protection <i>Motorschutz</i>	(A) without (Standard) (A) ohne (Standard)	
Terminal box position <i>Klemmenkastenlage</i>	(4) terminal box - on top (4) Anschlusskasten - oben	

Mechanical data/ Mechanische Daten:

Noise 50 Hz/60Hz <i>Schalldruckpegel (LpA) 50 Hz/60Hz</i>	74.00 dB	79.00 dB
Moment of inertia <i>Trägheitsmoment</i>	0.830000 kg m ²	
Bearing AS BS <i>Lager AS BS</i>	6315 C3	6315 C3
Locating bearing <i>Art der Lagerung</i>	located bearing NDE (standard) <i>Festlager BS (Standard)</i>	
Drain holes <i>Kondenswasserlöcher</i>	yes (standard) <i>ja (Standard)</i>	
Regreasing device <i>Nachschmiereinrichtung</i>	Yes (standard) <i>Ja (Standard)</i>	
Type of lubrication <i>Schmiermittel</i>	ESSO UNIREX N3	
Relubrication interval at 40°C <i>Nachschmierintervall</i>	4000 h	25.0 g
External earthing <i>Äußere Erdungsklemme</i>	yes (standard) <i>ja (Standard)</i>	
Paintwork <i>Anstrich</i>	standard finish in RAL 7030 stone gray (standard) <i>Normalanstrich RAL7030 steingrau (Standard)</i>	

Explosion protection / Explosionsschutz:

Type of protection <i>Zündschutzart</i>	without (Standard) <i>ohne (Standard)</i>
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Site conditions/ Umgebungsbedingungen:

Ambient temperature <i>Umgebungstemperatur</i>	-20.0 °C - +40.0 °C
Altitude above sea level <i>Höhe über Meeresspiegel</i>	1000 m
Standards and specifications <i>Normen und Vorschriften</i>	IEC, DIN, ISO, VDE, EN

General data / Allgemeine Daten:

Frame size <i>Baugröße</i>	280 M
Type of construction <i>Bauform</i>	IM B5 / IM3001 (F) IM B5 / IM3001
Weight in kg, without optional accessories <i>Gewicht in kg, ohne optionale Anbauten</i>	530 kg
Frame material <i>Gehäusematerial</i>	cast iron <i>Grauguss</i>
Degree of protection <i>Schutzart</i>	IP55
Method of cooling, TEFC <i>Kühlart, TEFC</i>	IC 411
Vibration class <i>Vibrationsklasse</i>	A (standard)
Insulation <i>Isolation</i>	155(F) to 130(B) 155(F) nach 130(B)
Duty type <i>Betriebsart</i>	S1 S1
Direction of rotation <i>Drehrichtung</i>	bidirectional <i>bidirektional</i>

Terminal box / Anschlusskasten:

Material of terminal box <i>Klemmenkastenmaterial</i>	cast iron <i>Grauguss</i>
Type <i>Typ</i>	TB1 N01
Terminal screw thread <i>Gewinde Kontaktschraube</i>	M10
Max. cable cross-sectional area <i>Max. Leiterquerschnitt</i>	120.0 mm ²
Cable diameter from ... to ... <i>Kabeldurchmesser von ... bis ...</i>	34.0 mm - 42.0 mm
Cable entry <i>Kabeleinführung</i>	2xM63x1,5
Cable gland <i>Kabelverschraubung</i>	2 plugs 2 Stopfen

Special configurations/ Sonderausführung: