

MLFB-Ordering data: 1LE1002-0BA29-0AA4  
MLFB-Bestelldaten: M1Y



Motor type: 1AV1062A

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 / Projekt:

U	Δ/Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			I <sub>A</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub>	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I <sub>A</sub> /I <sub>N</sub>	T <sub>f</sub> /T <sub>N</sub>	T <sub>B</sub> /T <sub>N</sub>	
220	Δ	60	0.18	- / -	0.98	3405	0.6	62.0	59.7	53.0	0.78	0.68	0.55	3.9	1.9	2.5	IE1
IM B3 / IM 1001			FS 63 M			IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

These values are calculated. The final rating plate data will be calculated when the order is placed  
The efficiency values and efficiency class according to EuP directive are valid for standard power ratings under standard conditions.  
Es handelt sich um gerechnete Werte. Die finalen Leistungsschilddaten werden im Auftragsfall ermittelt.  
Wirkungsgradwerte und Wirkungsgradklasse nach EuP Richtlinie gelten für Normleistungen unter Normbedingungen.

Mechanical data / Mechanische Daten		
Sound pressure level 50Hz/60Hz (load) <i>Schalldruckpegel (LpA) 50Hz/60Hz (Last)</i>		
Moment of inertia <i>Trägheitsmoment</i>	0.00018 kg m²	
Bearing DE   NDE <i>Lager AS   BS</i>	6201 2ZC3	6201 2ZC3
Bearing lifetime <i>Lagerlebensdauer</i>	40000 h	
Lubricants <i>Schmiermittel</i>	Unirex N3	
Regreasing device <i>Nachschmiereinrichtung</i>	No <i>Nein</i>	
Grease nipple <i>Schmiernippel</i>	- / -	
Type of bearing <i>Art der Lagerung</i>	Preloaded bearing DE <i>Vorgespanntes Lager DE (AS)</i>	
Condensate drainage holes <i>Kondenswasserlöcher</i>	No <i>Nein</i>	
External earthing terminal <i>Äußere Erdungsklemme</i>		
Vibration severity grade <i>Schwinggrößstufe</i>	A	
Insulation <i>Isolation</i>	155(F) to 130(B) <i>155(F) nach 130(B)</i>	
Duty type <i>Betriebsart</i>	S1	
Direction of rotation <i>Drehrichtung</i>	bidirectional <i>bidirektional</i>	
Frame material <i>Gehäusematerial</i>	aluminum <i>Aluminium</i>	
Data of anti condensation heating <i>Daten Stillstandsheizung</i>	-/-	
Coating (paint finish) <i>Endanstrich</i>	Standard paint finish C2 <i>Normalanstrich C2</i>	
Color, paint shade <i>Farbe, Farbton</i>	RAL7030	
Motor protection <i>Motorschutz</i>	(A) without (Standard) <i>(A) ohne (Standard)</i>	
Method of cooling <i>Kühlart</i>	IC411 - self ventilated, surface cooled <i>IC411 - Eigenbelüftet Oberflächengekühlt</i>	

Terminal box / Anschlusskasten	
Terminal box position <i>Klemmenkastenlage</i>	top <i>oben</i>
Material of terminal box <i>Klemmenkastenmaterial</i>	Aluminium <i>Aluminium</i>
Type of terminal box <i>Klemmenkastentyp</i>	TB1 B00
Contact screw thread <i>Gewinde Kontaktschraube</i>	M4
Max. cross-sectional area <i>Max. Leiterquerschnitt</i>	1.5 mm²
Cable diameter from ... to ... <i>Kabeldurchmesser von ... bis ...</i>	9.0 mm - 17.0 mm
Cable entry <i>Kabeleinführung</i>	- / -
Cable gland <i>Kabelverschraubung</i>	- / -

Special design / Sonderausführung (1)	
M1Y	Non-standard winding: 220VD_60Hz_0.18kW <i>Anormale Wicklung: 220VD_60Hz_0.18kW</i>

Environmental conditions / Umgebungsbedingungen	
Ambient temperature Umgebungstemperatur	-20 °C - +40 °C
Altitude above sea level Höhe über Meeresspiegel	1000 m

Notes	
I <sub>A/N</sub> = locked rotor current / current nominal	M <sub>K</sub> /M <sub>N</sub> = break down torque / nominal torque
M <sub>A</sub> /M <sub>N</sub> = locked rotor torque / torque nominal	1) Value is valid only for DOL operation with motor design IC411