

Datasheet for Motor Mounted Line Innomotics



INNOMOTICS MD - 132 S - IM B3 - 6p - motor including a mounted frequency converter

Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

Motor data									Safe Area	
U [V]	Δ / Y [-]	F [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	η [%] 4/4	cosφ [-] 4/4	IE-CL [-]
380	Y	75	5.5	-/-	9.4	1500	35	93.4	0.95	IE5
IM B3 / IM 1001		FS 132 S		IEC, DIN, ISO, VDE, EN			n _{max} 2250 1/min		IEC/EN TS 60034-30-2	
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.										

Sound level (SPL / SWL) 1500 1/min	dB(A)	dB(A)	Vibration severity grade	A
Moment of inertia	0.02301 kg m²		Thermal class	F
Bearing DE NDE	6208 2ZC3	6208 2ZC3	Duty type	S9
Bearing lifetime L _{10mh} F _{Rad min} according catalogue 1500 1/min			Direction of rotation	bidirectional
			Frame material	aluminum
Regreasing device	Without		Coating (paint finish)	Standard paint finish C2
Type of bearing	Floating bearings		Color, paint shade	RAL7030
Condensate drainage holes	Without		Motor protection	(B) 3 PTC thermistors - for tripping (standard) (2 terminals)
External earthing terminal	Without		Method of cooling	IC411 - self-ventilated surface-cooled

Converter data										
Input voltage		400-480V +/- 10%				Number of digital inputs / outputs		4DI/2DO		
Input frequency		50/60Hz +/- 6%				Number of relay outputs		2RO		
Input current		10.80 A				EMC (DIN-EN-61800-3)		C2		
Overload capability		135%				Fieldbus		Modbus RTU		
Efficiency acc. IEC61800-9-2		IE2				Network configuration		TN / TT		
Switching frequency		4.0 kHz				Frame material		Aluminium		
Number of analog inputs / outputs		2AI/1AO				Color, paint shade		RAL9005		

System data			
Environmental conditions	-20°C - 40°C / 1000 m	Total weight	42.7 kg
Protection class IP	IP55	System efficiency class	IES5

1) L_{10mh} according to DIN ISO 28110/2010
2) at rated power / at full load
3) Both values are used for motor control to optimize efficient operation.
4) The curves were created using calculated data.
Note: Values are given for rated point currents.

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Responsible department IN LV	Technical reference	Created by IPC	Approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.	Link documents
	Document type Technical data sheet			Document status Released	
	Document title 1UZ1005-1CK02-1AB0			Document number TDS-260728-102133	
Restricted © Innomotics 2026				Revision AA	Creation date 2026-07-28
				Language en	Page 1/3

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Implicit options

D24 CE mark on the nameplate (Declarations acc. to the EU Directives)

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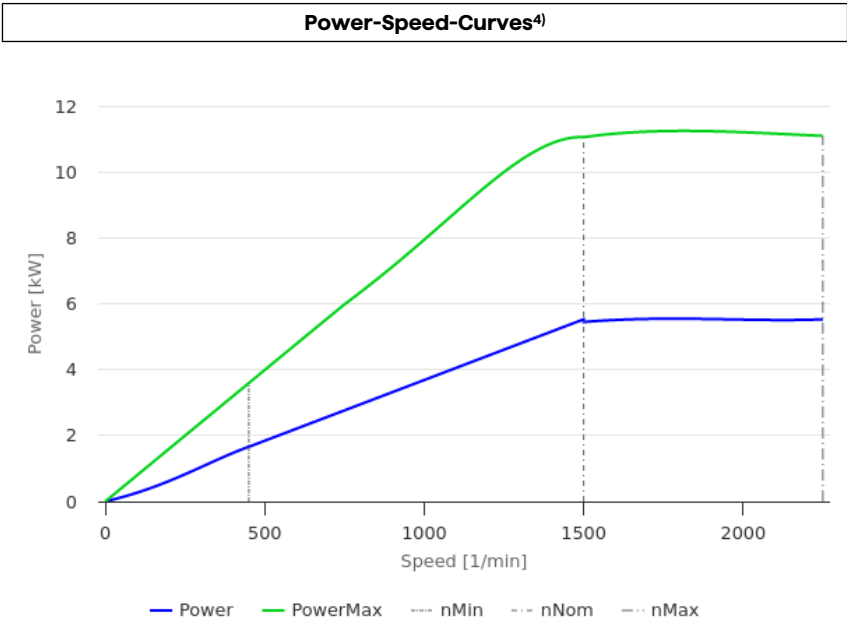
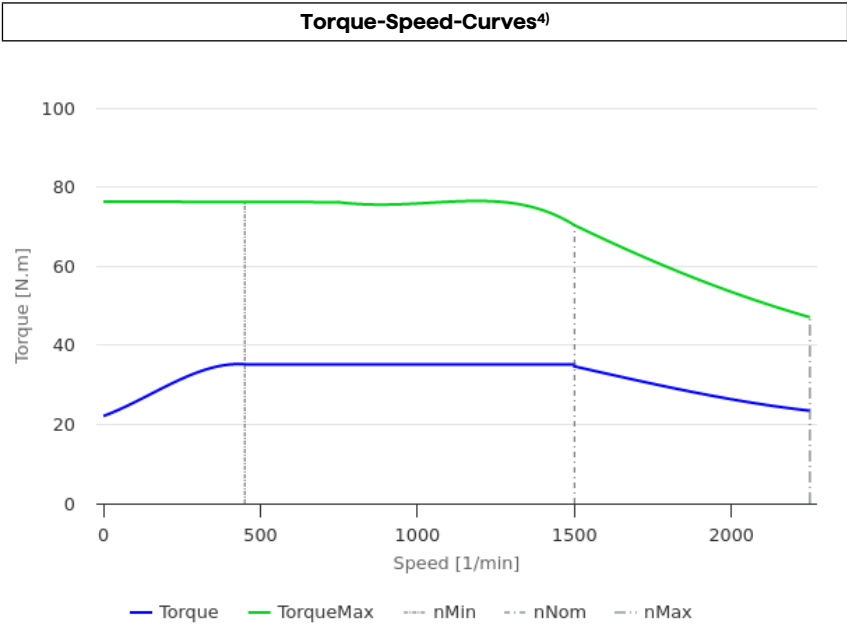
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General data



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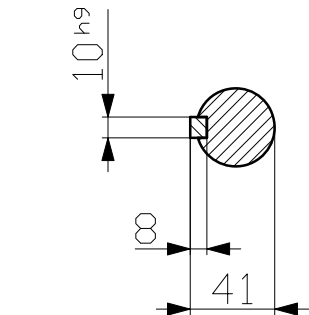
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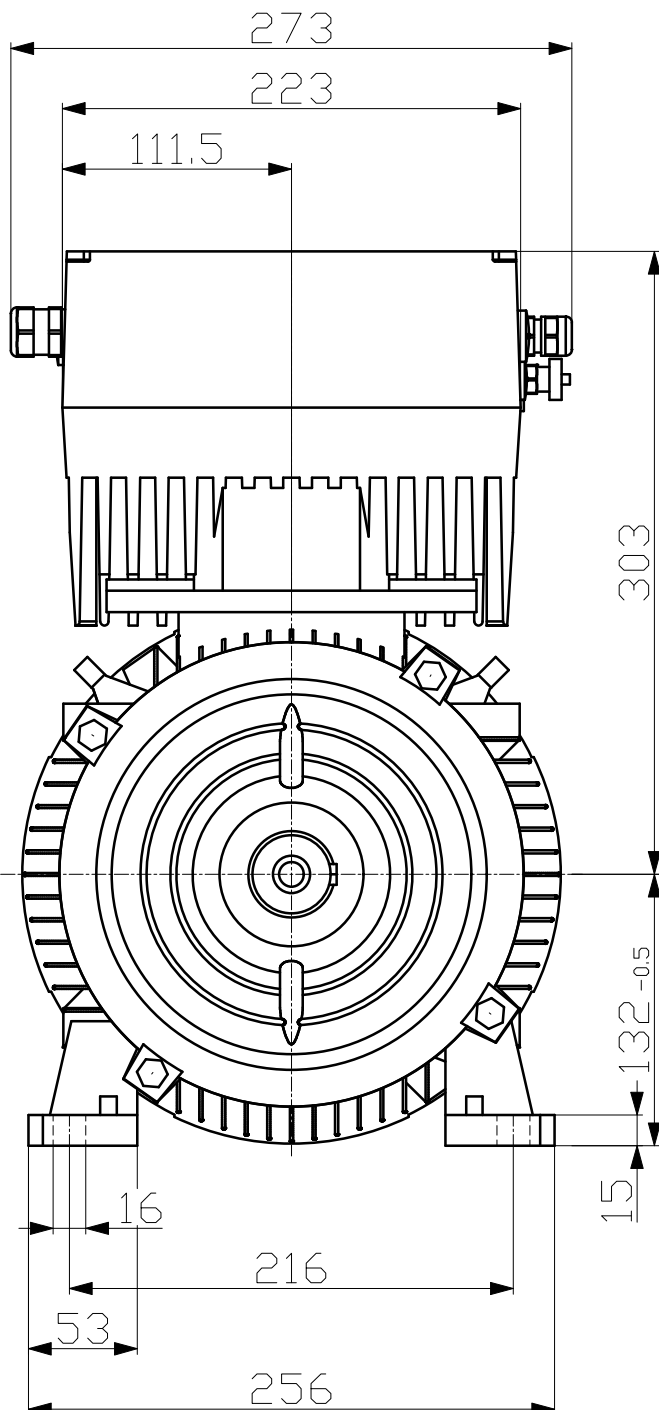
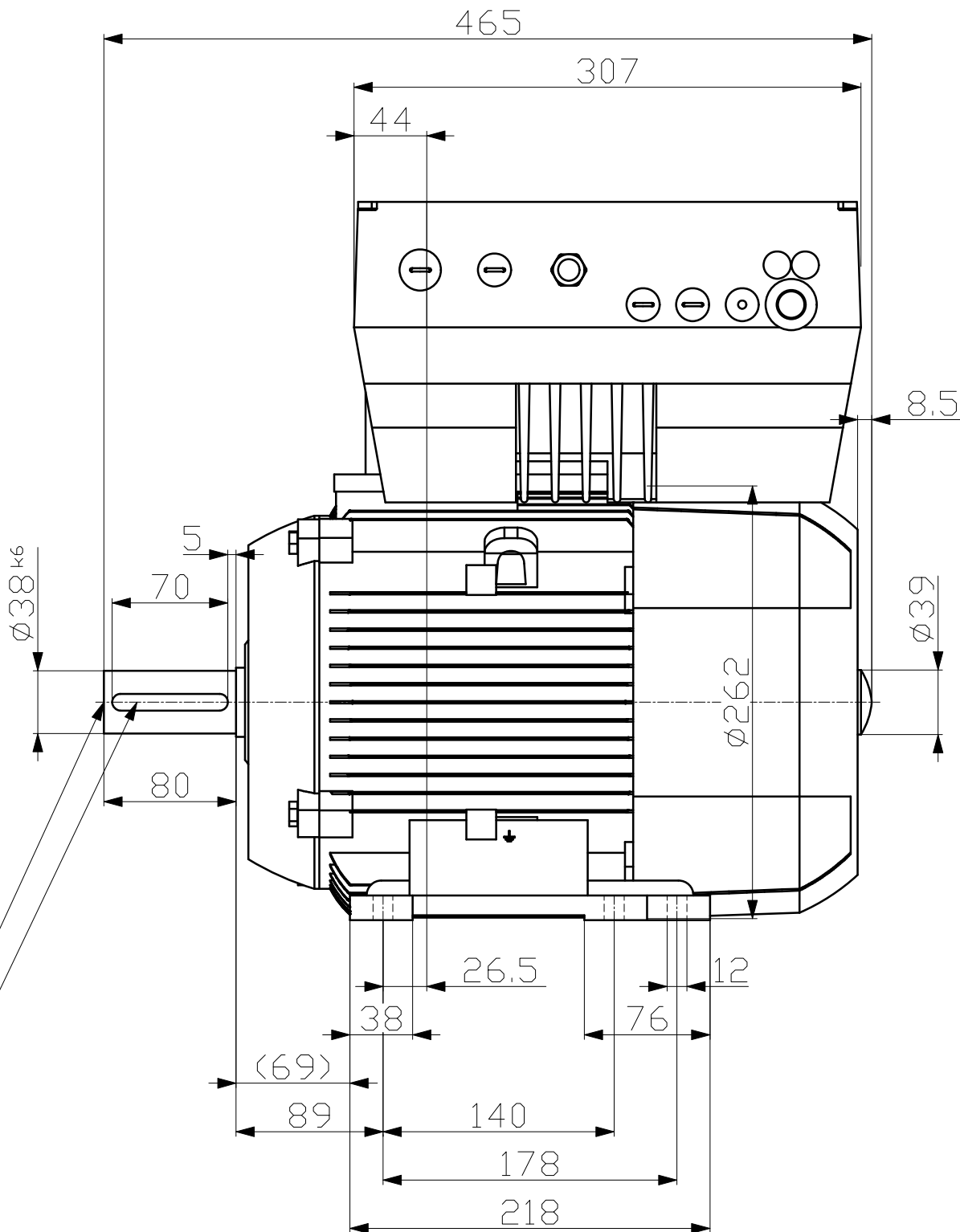
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DIN 332-DR M12
DIN 6885-1



Technische Änderungen vorbehalten!
Technical data are subject to change!

Tolerance	Surface	Material	Weight	Scale mm
1UZ1005-1CK02-1AB0	Author	Dimensional drawing Maßzeichnung		
	Creator28/07/2026 IPC			
	Approval Created automatically			
	Department IN LVM			
	Change Order	MLFB	Doc Type /	
	Doc State Released	Item No	Paper Size A3	
	Revision AA Index RS	Doc No	1st Language en 2nd Language de	
	Project No	Ref No	Sheet 1 of 1	