

Datasheet for Motor Mounted Line Innomotics



INNOMOTICS MD - 132 M - 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	11	-/-	18.6	1500	70	94.6	0.95	IE5
IM B3 / IM 1001		FS 132 M		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	0.03371 kg m²		Thermal class	F
Bearing DE NDE	6208 2ZC3	6208 2ZC3	Duty type	S9
Bearing lifetime			Direction of rotation	bidirectional
L _{10mh} F _{Rad min} according catalogue 1500 1/min	40000 h		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	21.50 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	64.0 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	Technical reference	Created by	Approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents			
IN LV		IPC							
	Document type			Document status					
	Technical data sheet			Released					
Restricted	Document title			Document number		Language	Page		
	1UZ1005-1CK32-1ABO			TDS-260728-130052					
© Innomotics 2026				Revision	Creation date				
				AA	2026-07-28	en	1/3		

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Implicit options

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

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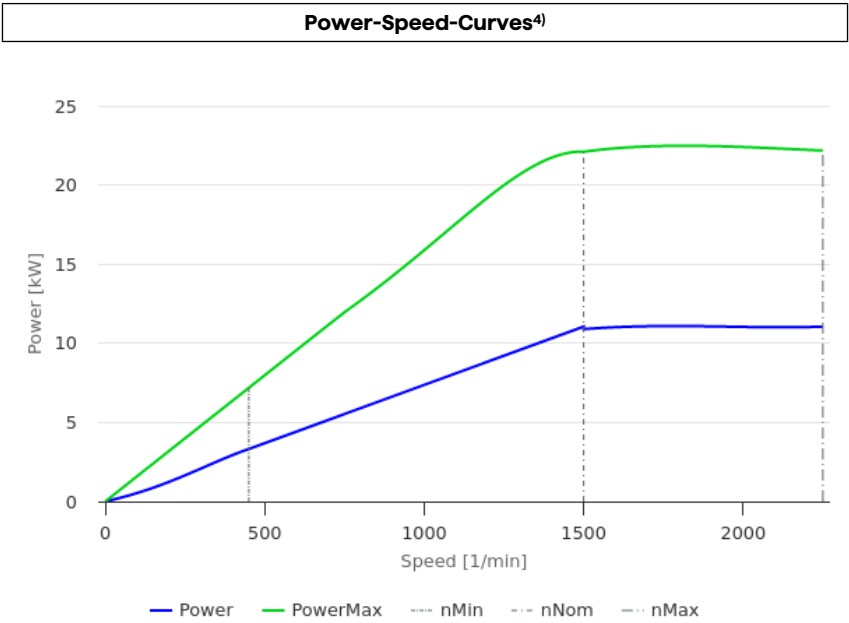
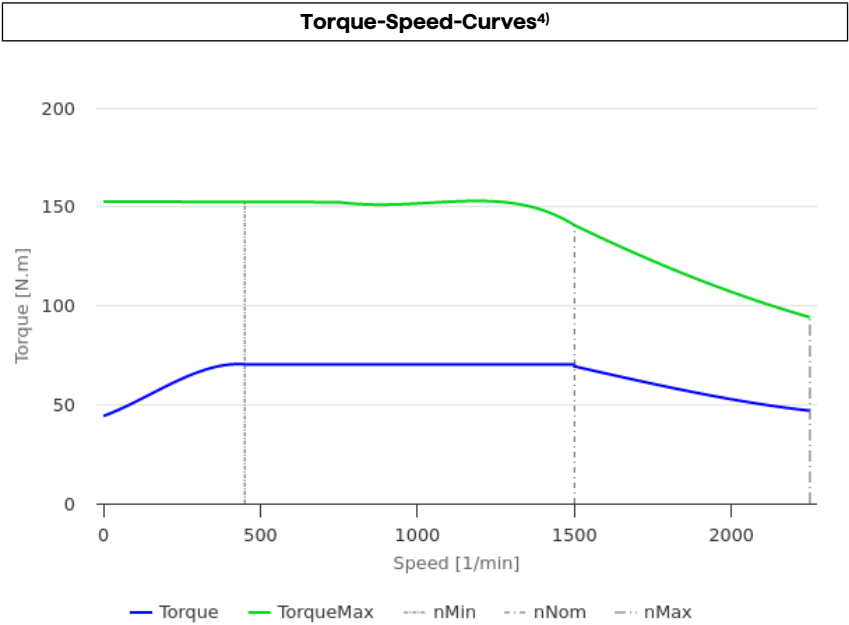
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INNOMOTICS	Document type Technical data sheet			Document status Released			
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General data



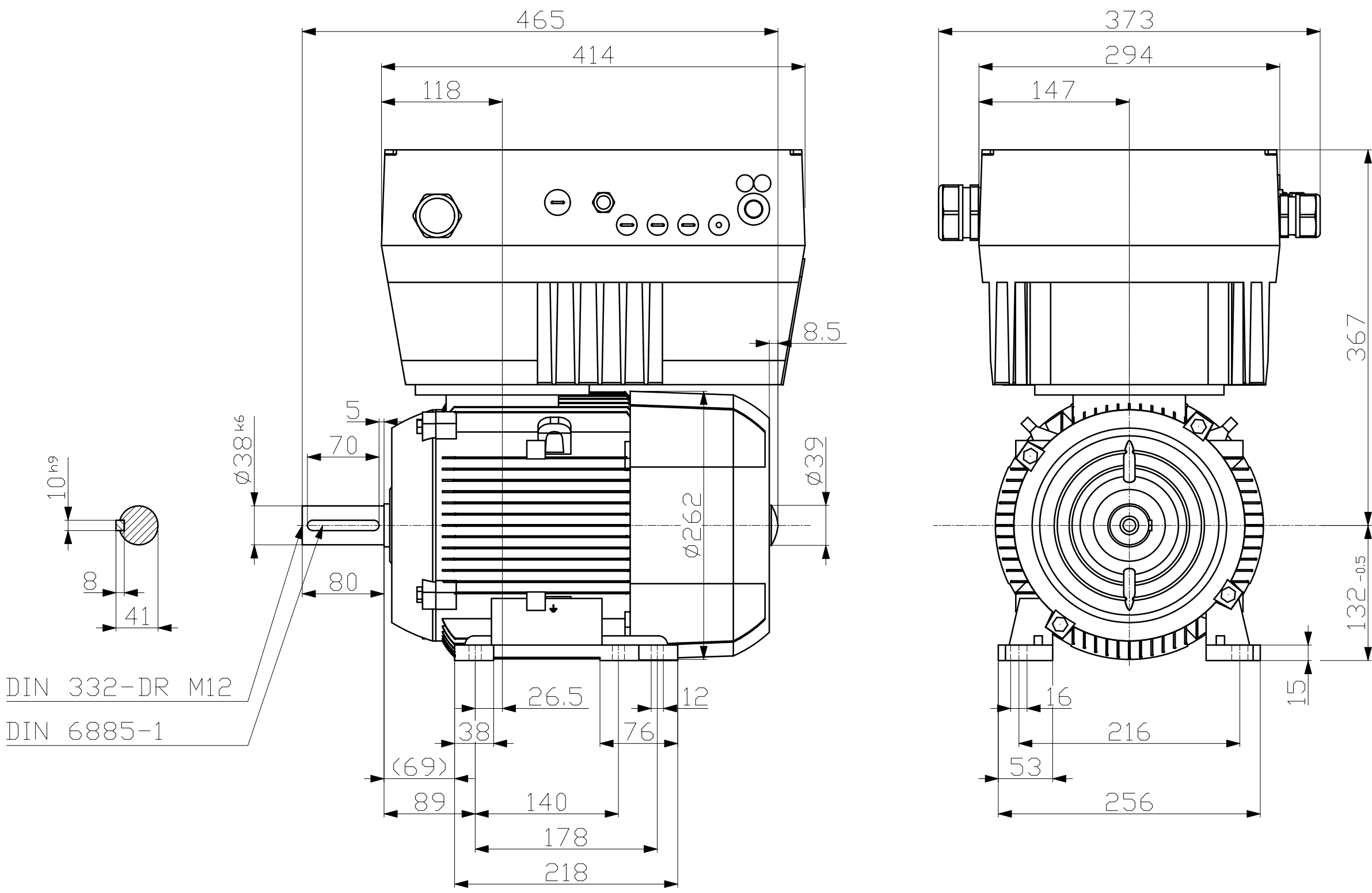
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Technische Änderungen vorbehalten!
Technical data are subject to change!

Tolerance	Surface	Material	Weight	Scale  mm
1UZ1005-1CK32-1AB0	Author	Dimensional drawing Maßzeichnung		
	Creator28/07/2026IPC			
	ApprovalCreated automatically			
	DepartmentIN LVM			
	Change Order	MLFB	Doc Type /	
	Doc StateReleased	Item No	Paper SizeA3	
	RevisionAAIndexRS	Doc No	1st Languageende	
	Project No	Ref No	Sheet1 of 1	