

FIȘA TEHNICĂ

Motor electric

Denumirea caracteristicilor	Parametrii tehnici solicitați	Parametrii tehnici ofertați
Tip	MTF	<i>Conform datele tehnice (pagina anexate)</i>
Numărul de faze	3	3
Numărul de poli	8	8
Tensiunea nominală	380 V	380V
Puterea nominală	22 kW	22 kW
Turații la mersul în gol	700	732
Regim de funcționare	Agresiv	S1
Metoda de prindere	În forma de labă	<i>Conform pagina anexata</i>
cos f	0,7	0.71
Gradul de protecție minim	IP 54	IP 55

Data completării ____30 ianuarie 2026_____

Operator economic ____Nicord Prima __SRL_____

(semnătura)



Data sheet for three-phase Squirrel-Cage-Motors Innomotics



Motor type : 1CV3222D

INNOMOTICS SD - 225 M - IM B3 - 8p

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

Remarks

Electrical data

Safe Area

U [V]	Δ / Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	η ³⁾ 4/4 3/4 2/4			cosφ ³⁾ 4/4 3/4 2/4			I _A /I _N I _I /I _N	M _A /M _N T _I /T _N	M _K /M _N T _B /T _N	IE-CL
DOL duty (S1) - 155(F) to 130(B)																	
380	Δ	50	22.00	-/-	48.00	732	285.0	90.6	91.4	91.2	0.77	0.71	0.59	5.9	2.6	2.9	IE3
660	Y	50	22.00	-/-	27.50	732	285.0	90.6	91.4	91.2	0.77	0.71	0.59	5.9	2.6	2.9	IE3
IM B3 / IM 1001		FS 225 M		IP55		UKCA		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							
Environmental conditions : -20 °C - +40 °C / 1000 m									Locked rotor time (hot / cold) : 22.20 s 33.00 s								

Mechanical data

Sound level (SPL / SWL) at 50Hz/60Hz	56.0 / 70.0 dB(A) (2) 3)	62.0 / 75.0 dB(A) (2) 3)	External earthing terminal	With (standard)
Moment of inertia	0.5500 kg m ²		Vibration severity grade	A
Bearing DE I NDE	6313 C3	6313 C3	Thermal class	F
Bearing lifetime			Duty type	S1
L_{10min} , $F_{rad min}$ for coupling operation 50/60Hz ¹⁾	40000 h	32000 h	Direction of rotation	bidirectional
Relubrication interval/quantity DE I NDE	20.0 g 20.0 g 8000 h		Frame material	cast iron
Lubricants	Unirex N3		Net weight of the motor (IM B3)	280 kg
Regreasing device	With		Coating (paint finish)	Special paint finish C3
Grease nipple	M10x1 DIN 3404 A		Color, paint shade	RAL7030
Type of bearing	Locating bearing NDE		Motor protection	(B) 3 PTC thermistors - for tripping (standard) (2 terminals)
Condensate drainage holes	With (standard)		Method of cooling	IC411 - self ventilated, surface cooled
			Carbon footprint (without options)	1136kg

Terminal box

Terminal box position	top	Main cable entry	2xM50x1.5
Material of terminal box	cast iron	Main cable gland	2 plugs
Type of terminal box	TB1 L01	Auxiliary cable entry	2xM20x1.5
Contact screw thread	6xM8	Auxiliary cable gland	2 plugs
Max. cross-sectional area	35.0 mm ²		

Implicit options

L23	Regreasing system	
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I_A/I_N = locked rotor current / current nominal
 M_A/M_N = locked rotor torque / torque nominal
 M_K/M_N = break down torque / nominal torque
¹⁾ L_{10min} according to DIN ISO 28110/2010
²⁾ at rated power / at full load
³⁾ Value is valid only for DOL operation with motor design IC411

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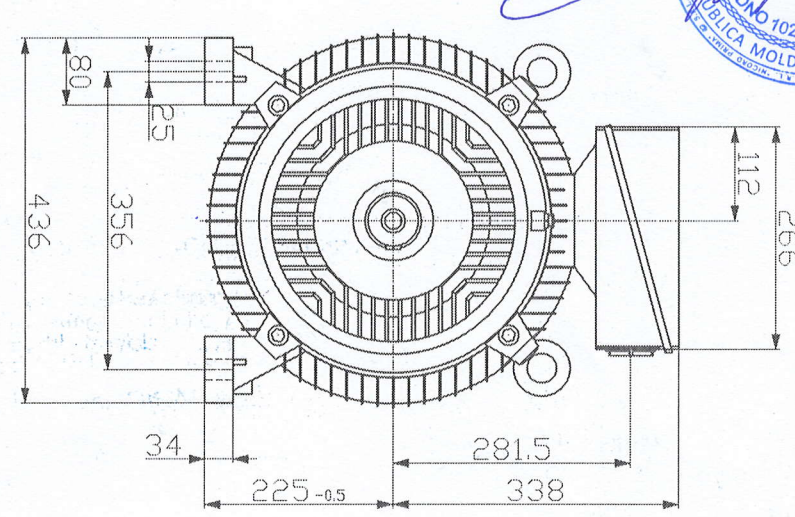
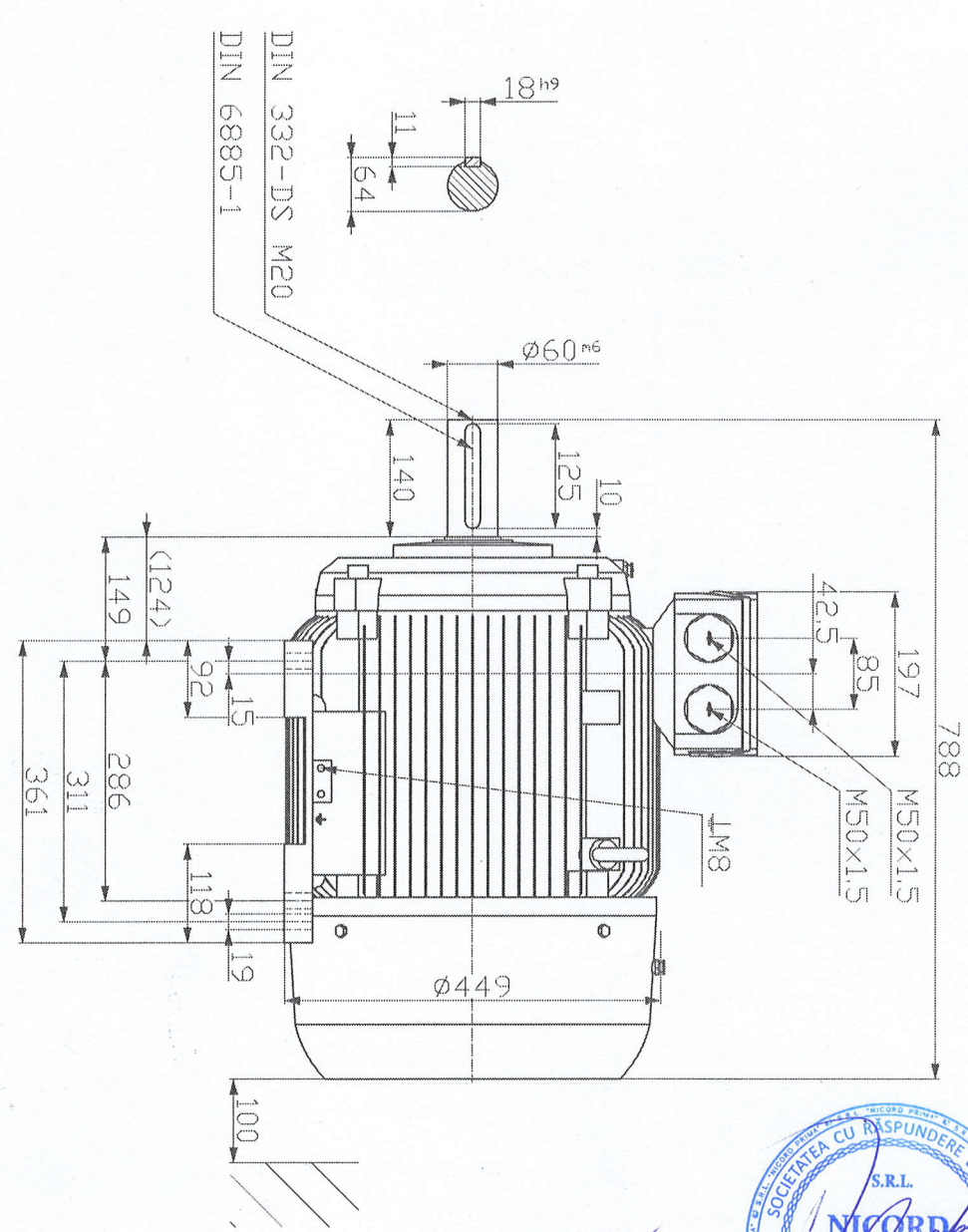
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Reference		Surface		Material		Sign		Scale	
1LE1603-2BD23-3AB4		Author		Dimensional drawing		mm			
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