

Client order no. Item-No. Offer no. Offer no. Project Remarks Safe Area -I-				-	ase squ	irrer-ca	_	INOMOTIC			1 B3 - 4r	.							
Note Part	Motor type: 1CV4312B Client order no. Order no. Remarks												Offer no.						
Part						1						Proj	Project						
Property color																			
Main	Electri	cal dat	a										fe Area	l					
Main	U	Δ/Υ	f	Р	Р	ı	n	М		η ³⁾			cosφ	3)	I _A /I _N	M _A /M _N	M _K /M _N	IE-CL	
May	[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4		2/4	4/4	3/4	2/4					
Fig.							DC	DL duty (S1) - 155(F	to 130)(B)								
		_		i i								1	-		1				
A																			
Ma 23 Intition P 3 15 M				1					1			1			i e				
	460		60	152.00	-/-	235.00	1790	810.0	96.5	96.6	90.3	0.85	0.82	0.74	8.1	3.2	3.1	IE4	
Machanical data	IM B3 / I	IM1001		FS 315 N	и		IP55	IEC/EN	IEC/EN 60034 IEC,			, DIN, ISO, VDE, EN							
Sound level (SPL / SWL) at 50Hz 60Hz 67 81 dB(A) 2 is 21 86 d			Enviro	nmental co	nditions :	-20 °C - +	40 °C / 10		Locked rotor time ((hot / col	(hot / cold) : 25.4 s 39.5 s					
Moment of inertia	Mecha	nical d	lata																
Rearing DE NDE NDE NU 3199 G319 C3 Thermal class F Permissible lateral force on (N) X ₂ ; X ₃ ; X ₄ ; X ₄₀₀ ; Nu X 1050 Nu	Sound	level (SI	PL / SWL)) at 50Hz 60	Hz 67	/ 81 dB(A) ²	?) 3) 72 /	86 dB(A) ^{2) 3}	Exte	rnal earth	ning term	ninal			(Sta	andard) Y	es		
Part	Mome	nt of ine	ertia			2	.9100 kg m²		Vibr	ation sev	erity grad	le							
Section Sect	Bearing	g DE N	DE			NU 319		6319 C3	The	Thermal class				F					
Direction of rotation Direction Dire	I . T					x ₀ : 1000	X _{0,5} : X _{max} : Duty type					S1							
Refubrication interval(quantity DE 0000 0000 000000	bearin											bidirectional							
Refubrication interval(quantity DE 0000 0000 000000	L _{10mh} F _{Rad min} for coupling operation 40000 h					40000 h		32000 h	Fran	Frame material				cast iron					
Lubricants UNIREX N3 Coating (paint finish) Standard paint finish C2 Regreasing device Flat type lubricating nipple Color, paint shade RAL7030 Grease nipple M10x1 DIN 3404 A Motor protection without (Standard) Type of bearing Locating bearing NDE Method of cooling IC411 - self ventilated, surface color Terminal box Terminal box Terminal box position at the right Max. cross-sectional area 240 mm² Terminal box Cash in one of terminal box Cash eding of terminal box Tat 1001 Cable diameter from to 34 mm - 45 mm -	Relubrication interval/quantity DE					2			Net	Net weight of the motor				942 kg					
Grease nipple M10x1 DIN 3404 A Motor protection without (Standard) Type of bearing Locating bearing NDE Condensate drainage holes (Standard) Yes Terminal box Terminal box Terminal box cast iron Cable diameter from to 34 mm -45 mm Type of terminal box Type of terminal box Type of terminal box The terminal box Type of terminal box Type								Coating (paint finish)					Standard paint finish C2						
Type of bearing Locating bearing NDE Method of cooling IC411 - self ventilated, surface cooled Condensate drainage holes (Standard) Yes Terminal box Terminal box Cast iron Cable diameter from to 34 mm - 45 mm Type of terminal box TB1Q01 Cable entry 2xM63x1,5 Contact screw thread 6xM12 Cable gland 2 plugs Tansmittal, repoduction, dissemination and/or editing of this document a well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of disrepancies between calculated and rating plate value. Transmittal, repoduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of disrepancies between calculated and rating plate value. Responsible department Technical reference Created by SPC Created automatically Technical data are subject to change? Here may be light disrepancies between calculated and rating plate value. Technical data sheet Document type Technical data are subject to change? There may be light disrepancies between calculated and rating plate value.	Regreasing device Flat type				Flat type	e lubricating nipple Color, paint shade					RAL7030								
Terminal box Terminal box position at the right Max. cross-sectional area 240 mm² Material of terminal box Type of terminal box TB1Q01 Cable diameter from to 34 mm - 45 mm Type of terminal box Contact screw thread 6xM12 Cable gland Table gland Tabl	Grease nipple M1				M10	0x1 DIN 3404 A Motor protection					without (Standard)								
Terminal box position at the right Max. cross-sectional area 240 mm² Material of terminal box cast iron Cable diameter from to 34 mm - 45 mm Type of terminal box TB1Q01 Cable entry 2xM63x1,5 Contact screw thread 6xM12 Cable gland 2 plugs IJI, a locked rotor current / current nominal MAMA, – break down torque / rorque nominal MAMA, – break down torque / rominal torque Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of a utility model or design patent are reserved. IN LVM Technical data sheet Document type Technical data sheet Document title TIDS-240826-110359 Revision Creation date Language Page	Type o	f bearin	g			Locat	ating bearing NDE Method of cooling					IC411 - self ventilated, surface cooled							
Terminal box position at the right Max. cross-sectional area 240 mm² Material of terminal box TB1Q01 Cable diameter from to 34 mm - 45 mm Type of terminal box TB1Q01 Cable entry 2xM63x1,5 Contact screw thread 6xM12 Cable entry 2xM63x1,5 Contact screw thread 1) Lises according to DIN ISO 281 102010 3) Value is valid only for DOL operation with motor design IC411 M.M.A. = bocked rotor torque / torque nominal M.M.A. = bock					(S														
Material of terminal box Table of terminal b	Termir	nal box	<u> </u>																
Material of terminal box Type of terminal box TB1Q01 Cable entry 2xM63x1,5 Contact screw thread 6xM12 Cable gland 2 plugs Cable gland 2 plugs Cable gland 3) Value is valid only for DOL operation with motor design IC411 MMM_= locked rotor current clurrent nominal MMM_= locked rotor current of current nominal MMM_= locked rotor torque for foreigner for operation with motor design IC411 Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of a utility model or design patent are recreved. Responsible department N LVM Technical reference Created by SPC Approved by Created automatically Technical data are subject to change! There may be discrepancies between calculated and rating plate values. Document type Technical data sheet Document title 1LE5504-3AB23-4AA5-Z L22 Restricted Creation date Language Page	Termin	nal box p	osition			á	at the right		Max	. cross-se	ctional a	rea				240 mm²			
Type of terminal box TB1Q01 Cable entry Cable gland 2 plugs Cable gland 3) Value is valid only for DOL operation with motor design IC411 Cable gland Approach gland Cable gland 3 Value is valid only for DOL operation with motor design IC411 Cable gland Approach gland Cable gland Approach gland Cable gland Approach gland Approach gland Cable gland Approach gland Cable gland Approach gland Cable gland Approach gland Cable gland Approach gland Approach gland Cable gland Approach gland Approach gland Approach gland Approach gland Cable gland Approach gland	·					3													
Contact screw thread 6xM12 Cable gland 2 plugs International Contact screw thread 0xM12						TB1Q01 Cable entry						2xM63x1,5							
M _N /M _N = locked rotor torque / torque nominal M _N /M _N = break down torque / nominal torque Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of a utility model or design patent are reserved. Responsible department IN LVM Technical reference PCC reated by SPC Created by SPC Created automatically Created automatically SPC Technical data are subject to change! There may be discrepancies between calculated and rating plate values. Document status Released Technical data sheet Tob-240826-110359 Revision Creation date Language Page	• •																		
M _N /M _N = locked rotor torque / torque nominal M _N /M _N = break down torque / nominal torque Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of a utility model or design patent are reserved. Responsible department IN LVM Technical reference PCC reated by SPC Created by SPC Created automatically SPC Created automatically SPC Document status Released Technical data sheet Technical data sheet Technical data sheet Technical data sheet Released Revision Creation date Language Page																			
Responsible department IN LVM Technical reference SPC Technical data are subject to change! There may be discrepancies between calculated and rating plate values. Document type Technical data sheet Technical data are subject to change! There may be discrepancies between calculated and rating plate values. Technical data sheet served.	$M_A/M_N = lo$ $M_K/M_N = br$	reak down t	torque / tore torque / nor	que nominal ninal torque	2)) at rated powe	r / at full load		communi	on thora-f*							able for	mant of	
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	Restricted																		

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



Motor ty	pe :1CV4312B		INNOMOTICS	S SD - 315 M - IM B3	- 4p					
Special d	esign									
L22	Bearing design for in	creased cantilever forces								
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