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



			•	ise squii	rrei-Cag		rs innor		_									
Motor type: 1CV1280B Client order no.					lt	INNOMOTICS SD - 280 S - IM B3 - 4p					Offe	Offer no.						
Order no.				C	Consignment no.					Proje	Project							
Remarks																		
Electric	cal data	a									Saf	e Area						
U	lectrical data  U Δ/Y f P P I					n Μ η <sup>3)</sup>					<u> </u>	COSΦ <sup>3)</sup>				M <sub>K</sub> /M <sub>N</sub> IE-C		
[V]	Δ/ 1	Hz]	[kW]	' [hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I <sub>I</sub> /I <sub>N</sub>	T <sub>I</sub> /T <sub>N</sub>	T <sub>B</sub> /T <sub>N</sub>		
						DC	L duty (S1	) - 155(F	to 130	(B)	1			1	ı	1		
400	Δ	50	75.00	-/-	137.00	1485	480.0	92.7	92.9	92.2	0.85	0.82	0.73	7.0	2.3	2.8	IE1	
690	Y	50	75.00	-1-	80.00	1485	480.0	92.7	92.9	92.2	0.85	0.82	0.73	7.0	2.3	2.8	IE1	
460	Δ	60	86.00	-1-	135.00	1785	460.0	93.2	93.2	92.4	0.86	0.83	0.76	7.0	2.3	2.8	IE1	
IM B3 / II	M 1001		FS 280 S			IP55	UKCA	IEC/EN	60034		IEC, DIN, IS	O, VDE, E	N					
		Environ	ımental co	nditions : -	·20 °C - +4	10 °C / 10	00 m			Lo	cked roto	or time	(hot / col	d) : 18	2 s   30.	4 s		
Mecha	nical d	ata																
Sound	level (SF	PL / SWL)	at 50Hz 60H	Hz 72/	86 dB(A) <sup>2)</sup>	<sup>3)</sup> 76 /	90 dB(A) <sup>2) 3)</sup>	Exte	rnal earth	ning term	inal			With	n (standa	rd)		
Momer	nt of ine	rtia	•		1.2	2000 kg m²		Vibr	ation seve	erity grad	e				Α			
Bearing	g DE   NI	DE			6317 C3		6317 C3	The	mal class						F			
	g lifetin							Duty	/ type			S1						
L <sub>10mh</sub> F <sub>1</sub>	Rad min for	r couplin	g operation		40000 h		32000 h	Dire	ction of re	otation		bidirectional						
Relubri NDE	cation ir	nterval/q	uantity DE		30	30 g   30 g 8000 h Frame material					cast iron							
Lubrica	ints				ι	Unirex N3 Net weight of the motor				or (IM B3)	(IM B3) 540 kg							
Regrea	sing dev	/ice			With	th (standard) Coating (paint finish)					Standard paint finish C2							
				M10x	0x1 DIN 3404 A Color, paint shade					RAL7030								
				Locatir	ting bearing NDE Motor protection				(A) without (Standard)									
,,				Wit	/ith (standard) Method of cooling				IC411 - self ventilated, surface cooled									
Termin	al box																	
Terminal box position						top Max. cross-sectional are				ea	a 120 mm²							
Material of terminal box				(	cast iron Cable diameter from				er from	1 to 34 mm - 45 mm								
Type of terminal box				-	TB1 N01 Cable entry				2xM63x1,5									
Contac	Contact screw thread					M10 Cable gland								2 plugs				
		rrent / curre	ue nominal		L <sub>10mh</sub> according at rated power <i>l</i>	to DIN ISO 281 <sup>-</sup> at full load	10/2010			3) V	alue is valid	only for DO	_ operation wi	th motor de	sign IC411			
$M_A/M_N = local$	cked rotor t	orque / nom	iliai torque							- 414		thorization	ara probibited	. Offenders	will be held I	iable for pay	ment of	
$M_A/M_N = los$ $M_K/M_N = brown$	cked rotor t eak down t	orque / nom		editing of this d			f its contents and patent grant or re						are prombited					
$M_A/M_N = loc$ $M_K/M_N = bro$ Transm	cked rotor t eak down t	orque / nom	emination and/or	editing of this d	damages. All r				utility mode	l or design p	atent are rese	rved. re subject t	o change! Th	ere may be	Link doo	uments		
$M_A/M_N = loc$ $M_K/M_N = bro$ Transm	cked rotor t eak down t ittal, reprod	orque / nom	emination and/or		damages. All r	ights created by		Approved	utility mode	l or design p	atent are rese hnical data a repancies be	rved. re subject t		ere may be	1	<u>uments</u>		
M <sub>A</sub> /M <sub>N</sub> = lor M <sub>K</sub> /M <sub>N</sub> = br Transm Responsil	cked rotor t eak down t ittal, reprod	orque / nom duction, diss tment	emination and/or	Fechnical refer	damages. All ri rence e	Created by SPC		Approved	utility mode	Tech	nnical data a repancies be res.	rved. re subject t tween calc ment stati	o change! Th ulated and ra	ere may be	1	uments		
$M_A/M_N = loi$ $M_K/M_N = bri$ Transm  Responsil	cked rotor t eak down t ittal, reprod	orque / nom duction, diss tment	emination and/or	Fechnical refer Document type Fechnical c	damages. All ri rence e lata sheet	Created by SPC		Approved	utility mode	Tech	nnical data a repancies be les.  Docui	rved. re subject t tween calc ment stati	o change! Th ulated and ra	ere may be	1	uments		
M <sub>A</sub> /M <sub>N</sub> = lor M <sub>K</sub> /M <sub>N</sub> = br Transm Responsil	cked rotor t eak down t ittal, reprod	orque / nom	emination and/or	Fechnical reference of the comment type of the comment type of the comment title of the comme	damages. All ri rence e lata sheet	ights created by Created by SPC		Approved	utility mode	Tech	nnical data a repancies be les.  Document of the process of the pr	re subject t tween calc ment statu ased ment num	o change! Th ulated and ra us	ere may be ting plate	1	uments		
M <sub>A</sub> /M <sub>N</sub> = lor M <sub>K</sub> /M <sub>N</sub> = br Transm Responsil	cked rotor teak down to	orque / nom duction, diss tment	emination and/or	Fechnical refer Document type Fechnical c	damages. All ri rence e lata sheet	ights created by Created by SPC		Approved	utility mode	Tech	nnical data a repancies be les.  Document of the process of the pr	re subject to tween calcoment state ased ment num-	o change! Th ulated and ra	ere may be ting plate	1			

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Motor type : 1CV1280B		INNOMOT	TICS SD - 280 S - IM B3 -	4p			9	
Special design								
	character for export outsid	le the EEA (see EU						
regulation 2019/	character for export outsid 1781)							
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Responsible department	Technical reference	Created by	Approved by			ect to change! There may be calculated and rating plate	Link docum	ents
IN LVM		SPC	Created automatically	values.				
	Document type				Document :	status	<b>1989</b>	
INNUMBER	Technical data shee	et		Released			1	
INNOMOTICS	Document title			Document number				
		1LE1502-2DB03-4AA4-Z						
Restricted	D22	• • =			Revision	923-122322 Creation date	Language	Page
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