

Data	sheet	t for tl	hree-pha	ase Squi	irrel-Caç	ge-Moto	rs INNO	ИОТІС	<u> </u>								,
Motor	type :	1CV43	15B			IN	NOMOTICS	S SD - 31	5 L - IM	V1 - 4p					SALTA S		
Client order no. Order no.				lt	Item-No.					Offe	Offer no.						
				C						Proje	ect						
Remarks																	
Electri	cal data	a									Saf -/-	e Area	1				
U	Δ/Υ	f	P	Р		n	M		η ³⁾			cosφ		I _A /I _N	M _A /M _N	M _K /M _N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _I /I _N	T _I /T _N	T _B /T _N	
400	Δ	50	200.00	-/-	350.00	1490	L duty (S1) 1280.0	96.7	96.9	96.8	0.85	0.82	2 0.73	7.8	3.4	3.1	IE4
690	Y	50	200.00	-/-	205.00	1490	1280.0	96.7	96.9	96.8	0.85	0.82		7.8	3.4	3.1	IE4
460	Δ	60	200.00	-/-	305.00	1791	1070.0	96.5	96.5	96.2	0.85	0.81		9.5	3.7	3.4	IE4
460	Δ	60	230.00	-1-	345.00	1788	1230.0	96.8	97.0	96.8	0.86	0.83		8.2	3.2	3.0	IE4
IM V1 /	IM3011		FS 315 L			IP55	UKCA	IEC/EN	60034		IEC, DIN, IS	SO, VDE,	EN				
		Enviror	nmental co	nditions :	-20 °C - +4	40 °C / 10	00 m			Loc	cked rote	or time	(hot / col	d) : 26.	6 s 41.9) s	
Mecha	nical d	lata															
Sound	level (SF	PL / SWL)	at 50Hz 60	Hz 69	/ 83 dB(A) ²³	73 /	88 dB(A) ^{2) 3)}	Exte	rnal earth	ing term	inal			(Sta	andard) Ye	es	
Mome	nt of ine	ertia			4.	3700 kg m²		Vibr	ation seve	erity grad	e				Grade A		
Bearing	g DE NI	DE			6319 C3		6319 C3	Ther	mal class						F		
permis	sible late	eral force	e on (N)	9	x ₀ : 300	x _{0,5} : 8650	x _{max} : 8000	Duty	type						S1		
bearin	ıg lifetin				500	0030	0000	Dire	ction of ro	otation				bio	directiona	I	
L _{10mh} F	Rad min for	r couplin	ng operation		20000 h		16000 h	Fran	ne materi	al					cast iron		
Relubri NDE	ication ir	nterval/q	uantity DE		4	0 g 40 g 6000 h		Net	weight of	the mot	or				kg		
Lubrica	ants				l	JNIREX N3		Coat	ing (pain	t finish)				Special	l paint fini	sh C3	
Regrea	sing dev	vice			Flat type l	ubricating n	ipple	Colo	r, paint sl	nade					RAL7030		
Grease	nipple				M10:	x1 DIN 3404	A	Mot	or protect	ion		6	PTC thermi	stors - fo	r alarm ar inals)	nd trippir	ng (4
	f bearing	g			Locati	ng bearing I	NDE	Met	nod of co	oling			IC411		ntilated, si	urface co	ooled
Conde	nsate dra	ainage h	ioles		(St	andard) Yes											
Termir	nal box	[
Termin	nal box p	osition			bo	x at the top		Max	. cross-se	ctional ar	rea			2	240 mm²		
	al of terr		X			cast iron		Cabl	e diamete	er from	. to			34 n	nm - 45 m	m	
Type o	f termin	al box				TB1Q01		Cabl	e entry				:	2xM63x1	1,5 - 2xM2	20x1,5	
	ct screw					6xM12			e gland						4 plugs	·	
$M_A/M_N = Io$		torque / torc	ent nominal que nominal ninal torque) L _{10mh} according) at rated power	to DIN ISO 281	10/2010			3) V	alue is valid	only for DO	OL operation wi	th motor de	sign IC411		
				r editing of this			f its contents and patent grant or re						n are prohibited	. Offenders	will be held li	able for pay	ment of
		tment		Technical refe	erence	Created by		Approved	by				t to change! Th		Link doc	uments	
Responsi	ible depar					SPC		Created a	utomatic	ally disc		etween cal	lculated and ra	ting plate	鼎		
Responsi										- Tune							1.7901
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Data sheet for three-phase Squirrel-Cage-Motors INNOMOTICS



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Language

Revision

Creation date

2024-09-03

ecial design						
6 Performa	nce Line Process industry		Q60	3 PT100 resi	stance thermometers in stator win	ding - 2 wire (6 termir
1 Measurin	ng nipple for SPM shock pulse measu	urement to monitor bearing	gs Q72	2 Pt100 resis	stance thermometers for bearings (4 terminals)
2 Anti-cond	densation heating for 230 V (2 term	inals)	R62	Cast iron aux	xiliary terminal box (small)	
dditional inform	ation:					
ace heaters						
chnical data:	1-phase, 230V,	218W				
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