phase Squirrel Cage Meters SIMOTICS



			nree-pha ohase Squir			<u>je moto</u>	13 31111011												
Motor	type /	Motor	type:1CV3	3164B			SIM	OTICS S	D - 160	L - IM B	3 - 4p								
Client order no. / Client order no. Order no. / Order no.				l					Offe	fer no. / Offer no.									
				(Proje										
Remarks /	Remarks																		
			trical data								Saf -/-	e Area							
U	Δ/Υ	f	Р	P	ı	n	М		η 3)		<u>, , , , , , , , , , , , , , , , , , , </u>	cosφ ³⁾		I _A /I _N	M _A /M _N	M _K /M _N	IE-C		
[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			
						DOL duty	(S1) / DOL d	uty (S1)) - 155(F	to 130	(B)								
230	Δ	50	15.00	-/-	49.50	1465	98.0	92.1	92.7	92.0	0.83	0.78	0.67	7.9	2.8	3.4	IE3		
400	Υ	50	15.00	-/-	28.50	1465	98.0	92.1	92.7	92.0	0.83	0.78	0.67	7.9	2.8	3.4	IES		
460	Y	60	17.30	-/-	28.50	1765	94.0	92.4	92.5	92.0	0.83	0.79	0.69	7.9	2.7	3.3	IE2		
460	Y	60	15.00	-/-	25.00	1775	81.0	93.0	92.9	92.1	0.81	0.75	0.64	8.9	3.1	3.8	IE3		
IM B3 / IN	M 1001		FS 160 L			IP56	UKCA	IEC/EN	60034		IEC, DIN, IS	SO, VDE, EN	I						
Sound le Momer		/ SWL) at 5 rtia	at 50Hz 60H 50Hz 60Hz	z 58	/ 66 dB(A) ² 0.	0890 kg m ²	74 dB(A) ^{2) 3)}	Vibra Ther	ation severi tion severi mal class	ity grade	е				A A F				
	DE NI DE NDE			(5209 2Z C3	C3 6209 2Z C3 Duty type Duty type				S1									
L _{10mh} F _F 50 60H	Rad min for Z 1)	r couplin	bearing lifetime / bearing lifetime L _{10mh} F _{Rad min} for coupling operation 50 60Hz 1)													bidirectional bidirectional cast iron cast iron			
1)	_{id min} 101 C	oupillig of	paration FOICO	ш-	40000 h		32000 h	Direc Direc Fram Fram	ction of retion of retion of rote on the material of the material	ation al	or (IM D2)			bi C	directional cast iron cast iron				
Regreasing device Regreasing device Grease nipple Grease nipple			peration 50 60	Hz			32000 h	Direc Direc Fram Fram Net v	ction of retion of retion of rote on the material of the material	ation al f the mot	or (IM B3) <i>M B3</i>))	Specie	bi (directional cast iron cast iron 133 kg		-14		
Regreasi Grease Grease r	ing device nipple nipple	vice e	oeration 50 60	Hz	,	Without Without -/-	32000 h	Direct Direct Fram Fram Net v Net w	ction of re tion of rote ne materi e material weight of	ation al f the moto he motor (I t finish)	or (IM B3) <i>M B3</i>)		·	bi d al paint fi lad	directional cast iron cast iron 133 kg inish, resi den air C4 n, resistant	stant to s			
Regreasi Grease Grease r Type of Type of I Conder	ing device nipple nipple f bearing bearing nsate dra	vice e g ainage h	oles	Hz	Locati Locati Wit	Without Without	NDE DE	Direct Direct Fram Fram Net w Coat Coati Colo Color Moto	ction of retion of rote ne material weight of weight of the ring (paint for the paint start, paint shap or protection	ation al f the motion the motor (I t finish) finish) hade ade tion	or (IM B3) <i>M B3</i>)	(B) 3 I	Special p	bi dal paint fi lac paint finish F nistors - f	directional cast iron cast iron 133 kg inish, resi den air C4 n, resistant C4 RAL5010 or trippin	stant to s to salt-lad g (2 term	len ai		
Regreasi Grease Grease r Type of Type of I Conders Condens External	ing device nipple f bearing bearing nsate drair al earthing	vice e ainage h nage holes ng terminal	oles : :nal	Hz	Locati Locati Wir Wir	Without Without -/- ng bearing N ting bearing N th (standard	NDE DE)	Direct Direct Fram Fram Net won Coati Color Moto Meth	ction of rotation of rotation of rotation of rotation material weight of the cing (paint for paint for paint shape).	ation al f the mote the motor (I t finish) finish) hade tde tion n oling	or (IM B3) M B3)	(B) 3 I	Special p PTC therm 3 PTC ther IC411	bi di paint fi lac paint finish Fi nistors - f mistors - f - self ver	directional cast iron cast iron 133 kg inish, resi den air C4 n, resistant C4 RAL5010 or trippin	stant to s to salt-lad g (2 term (2 termina urface co	len air ninals als) oled		
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Terminal box position Terminal box position	top top
Material of terminal box Material of terminal box	cast iron cast iron
Type of terminal box Type of terminal box	TB1 K01
Contact screw thread Contact screw thread	M5

Cable gland 3 plugs

 $I_A/I_N = locked rotor current / current nominal$ $M_A/M_N = locked rotor torque / torque nominal$ M_K/M_N = break down torque / nominal torque 1) L_{10mh} according to DIN ISO 281 10/2010 2) at rated power / at full load

3) Value is valid only for DOL operation with motor design IC411

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

Data sheet for three-phase Squirrel-Cage-Motors



Motor type / Motor type : 1CV3164B SIMOTICS SD - 160 L - IM B3 - 4p

Special design / Special des	ign
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	<u> </u>		
C02	VIK version VIK version	R50	Larger terminal box Larger terminal box
H07	Stainless steel screws and bolts (outside the motor) Stainless steel screws and bolts (outside the motor)	S03	Special paint finish in sea air resistant C4 Special paint finish in sea air resistant C4
H22	IP 56 degree of protection IP 56 degree of protection	Y53	Paint finish in other standard RAL colours RAL5010 Paint finish in other standard RAL colours RAL5010

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