	e: 7	CV3162A	ı		INNO	MOTICS	SD - 160	M - IM B	3 - 2 p										
Client order no.							em-No.						Offer no.						
Order no.					Consid	Consignment no.						Project							
				Consi							, roject								
Remarks																			
Electrical d	lata										Saf	e Area							
υ Δ/		Р	P	1	n	М	М		η ³⁾		<u> </u>	cosφ ³)	I _A /I _N	M./M	M _K /M _N	IE-C		
[V]±10%	[Hz]±5%	[kW]	[hp]	[A]		[kgf.m]		4/4	3/4	2/4	4/4	3/4	2/4	·A/·N	I TA TON	K,N	0		
							otordate	en / Mot	or Data										
415 Δ	50	11.00	-/-	19.00	2947	4.0	36.0	91.5	91.5	90.5	0.88	0.85	0.76	7.2	2.8	3.5	IE3		
IM B3 / IM 1001 FS 160M 120 kg Environmental conditions: -20 °					SF:1 IS 12615 / IEC 60034-1														
	Environ	mental co	ondition	is: -20°C	∑ - +50 °C	1,000) m				ocked r	otor tim	e (hot / c	cold) : 3	0 s 40 s	S			
Mechanica	l data																		
Sound pressi	ure level 50	Hz 60Hz		74 dE	B(A)	79	dB(A)	Exte	rnal earth	ing termi	nal			Yes	s (standar	rd)			
Moment of inertia Rotor GD ²				0.0420 kg m² 0.1681 kgf.m²				Vibra	Vibration severity grade				A (Standard)						
Bearing DE NDE				6309 2Z C3 6309 2Z C3					Insulation				155(F) utilized to 130(B)						
bearing lifetime				0309 22 03					Duty type				S 1						
L _{10mh} F _{Rad max} according catalogue 50 60Hz ¹⁾			20,000 h 16,000 h				Direction of rotation				Bidirectional								
50 60Hz ¹⁾ L _{10mh} F _{Rad min} for coupling operation 50 60Hz ¹⁾				50,000 h 40,000 h				Frame material				Cast iron							
								Forced ventilation motor details				- -							
Type of bearing				Loca	Locating (fixed) bearing, NDE				Net weight of the motor (IM B3)										
Relubrication interval/quantity DE NDE Type of construction				-/- h					Rotor weight				120 kg						
**									Data of anti condensation heating					22 kg					
Degree of protection				IP55					<u> </u>				-/- V, -/- W						
Lubricants			Esso Unirex N3					Coating (paint finish)				Standard paint finish							
Regreasing device								Color, paint shade				RAL7030							
Grease nipple			-/- Yes					Motor protection				(A) without							
Condensate drainage holes			ies					Method of cooling					IC411 - Self ventilated, surface cooled						
Terminal b	ox																		
Terminal box position				Тор					Cable diameter from to				19.0 mm - 28.0 mm						
Material of terminal box				Sheet Metal					e entry			2xM40x1.5							
Type of terminal box				TB7 J03					e gland				2 Plugs						
Contact scre	w thread				M	15													
Max. cross-s	ectional are	a			25 ı	mm²													
Notes:						3) Effici	ency value i	s valid only	for sinuso	idal line su	pply opera	tion.							
$I_A/I_N = locked rotor$ $M_A/M_N = locked rotor$	tor torque / torc						Suitable fo	-					60034-18-4	11					
$I_A/I_N = locked rotor$ $M_A/M_N = locked rotor$ $M_K/M_N = break door$	tor torque / tord wn torque / nom	10/2010			Cre	ated by		Approved	by			are subject t etween calc	o change! Th		Link doo	cuments			
$I_A/I_N = locked rotor$ $M_A/I_N = locked ro$ $M_K/M_N = locked ro$ $M_K/M_N = break do$ 1) L_{10mh} according	otor torque / toro wn torque / nom to DIN ISO 281	10/2010	Technica	l reference															
$I_A/I_N = locked roton$ $M_A/I_N = locked roton$ $M_K/I_N = locked roton$ $M_K/I_N = break doorantee looked roton 1) L10mh according Responsible de$	otor torque / toro wn torque / nom to DIN ISO 281	10/2010	Technica	l reference	SP	<u> </u>				valu				uting plate	▣		家鳳		
$_{A}I_{N}$ = locked rotor $_{M_{A}/M_{N}}$ = locked rotor $_{M_{A}/M_{N}}$ = locked rotor $_{M_{K}/M_{N}}$ = break do' 1) L_{10mh} according Responsible del N LVM	otor torque / torc wn torque / nom to DIN ISO 281 partment		Docume			<u> </u>				valu	ies.	ıment statı		ating plate	100 S		观器		
$I_A/I_N = locked roton M_A/M_N = locked roton M_A/M_N = locked roton M_K/M_N = break do' 1) L_{10mh} according Responsible del IN LVM$	otor torque / torc wn torque / nom to DIN ISO 281 partment		Docume	^{nt type} heet	SP	<u> </u>					Docu Rele	iment stati	ıs	aung plate					
$I_A/I_N = locked roton$ $M_A/I_M = locked ro$ $M_K/I_M = break do$ 1) L_{10mh} according	otor torque / torc wn torque / nom to DIN ISO 281 partment		Docume Datas MLFB a	nt type heet nd Order C	SPo	<u> </u>				valu	Docu Rele	ıment statı	ıs	ating plate					
$I_{A}/I_{N} = locked rotor M_{A}/I_{N} = locked rotor M_{A}/M_{N} = locked rotor M_{K}/I_{N} = break down 1) L_{10mh} according Responsible dell N LVM$	otor torque / torc wn torque / nom to DIN ISO 281 partment		Docume Datas MLFB a	^{nt type} heet	SPo	<u> </u>				valu	Docu Rele	iment stati	ıs	uning prute					