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	(1)Code: A631384	(2)N°:	10/24	(3) 25,9 kg
	(4)3~Mot	(5) 5AZK 100L-6T	(6) B14P160	
(7)Ta 40 °C	(8) IC411	(9)Class F	(10)Rise B	(11) IP55
(12) 75,9%	(13)Nm	(14)Hz	(15)kW	(16)V
	(17)A	(18)cos φ	(19)rpm	
15,4	50	1,5	D230/Y400	6,6/3,8
14,63	60	1,7	D270/Y480	6,1/3,5

 (20) **brake 024VDC 30W 20Nm, TF**

 (21) **6206 2RS**

 (22) **S3-75%**

EN 60034

DEFINITION OF TABLE VALUES

1.	Product TEFC, squirrel cage induction motor, code	12.	Efficiency class and η in % acc to IEC 60034-30
2.	Motor serial No acc. to KONČAR-MES	13.	Nominal torque T _N
3.	Total weight of motor	14.	Rated frequency f _N (Hz +3, -5 % acc. to IEC 60034-1)
4.	Number of phases	15.	Rated output P _N
5.	Motor designation: Type	16.	Connection and rated voltage U _N (V ± 10 % acc. to IEC 60034-1)
6.	Mounting arrangements acc. To IEC 60034-7	17.	Rated current I _N
7.	Max. Ambient temperature	18.	Power factor
8.	Type of cooling system IC acc. to IEC 60034-6	19.	Rated speed
9.	Insulation class / Temperature class	20.	Options – additional equipment, Customer position
10.	Temperature rise	21.	Bearing DE/NDE
11.	Index of mechanical protection IP code acc. to IEC 60034-5	22.	Type of duty

ELECTRICAL DESIGN

31.	Starting current I _s /I _N	3,2
32.	Locked rotor torque T _s /T _N	2
33.	Maximum torque T _{max} /T _N	2,1
34.	Moment of inertia J= ¼ GD2 (kg-m2)	0,0031444

ADDITIONAL OPTIONS

41.	Options – additional equipment	
42.	Options – additional equipment	

MECHANICAL DESIGN

51.	Position of terminal box	TOP
52.	Altitude	1000 mASL
53.	Direction of rotation	CW or CCW
54.	Vibration level acc. to IEC 60034-14 / Balancing	A / Half key
55.	Level of sound pressure L _p and sound power L _w acc. to IEC 60034-9	
56.	Degree of mechanical protection acc. to EN	IK 08 Impact energy 5J
57.	Type of grease	For life
58.	Colour tone	RAL 9005 C3-m
59.	Dimension drawing No.	

ONLY FOR EXPLOSION-PROOF MOTORS:

60.	Marking of protection acc. to IEC 60079-0	
61.	EC type examination No	

Remarks:

 Date: **3.10.2024.**

TU:

Mario Goreta

All data subject to tolerances in accordance with IEC. Data subject to changes.