KONČAR
MOTORS AND ELECTRICAL SYSTEMS

Technical Data Sheet

CE

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	(1)Code:	(2)N°:		**10/26**	(3)**279** kg
	(4)**3~**Mot	(5)**H7ABZE 200LB-6**		(6)**B3**	
(7)Ta **50** °C	(8)IC**411**	(9)Class **F**	(10)Rise **90**	(11) **IP55**	(12)**IE3**

(13)Nm	(14)Hz	(15)kW	(16)V	(17)A	(18)cos φ	(19)rpm
179	**60**	**22**	**D 440**	**40,35**	**0,75**	**1175**

(20)

(21)**6312 2ZC3** (22)**S1** 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 equipement, 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	**9,4**
32.	Locked rotor torque T_S/T_N	**2,9**
33.	Maximum torque T_{max}/T_N	**4,42**
34.	Moment of inertia J= ¼ GD2 (kg-m2)	**0,31923**

ADDITIONAL OPTIONS

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

MECHANICAL DESIGN

51.	Position of terminal box	**RIGHT**	
52.	Altitude	**1000**	mASL
53.	Direction of rotation	**CW or CCW**	
54.	Vibration level acc. to IEC 60034-14 / Balancing		
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 5010 C5-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:

CALCULATED DATA // Tropicalized winding /

Date:	**14.10.2026.**	Made by:	**Denis Žnidarić**

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