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	(1)Code:			(2)N°:		12/16	(3)154 kg	
	(4)3~Mot	(5)7AT 160MB-2ET/T4				(6)B3		
(7)Ta 40 °C	(8)IC411		(9)Class F		(10)Rise B	(11)IP55		(12)
(13)Nm	(14)Hz	(15)kW	(16)V	(17)A	(18)Cos φ	(19)rpm		
48,72	50	15	D 400	27	0,89	2940		
48,72	50	15	Y 690	15,6	0,89	2940		
45,99	60	17	D 440	27	0,89	3530		

(20)3PTC T130

(21)6309 2Z

(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 $\pm$ 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	8,8
32.	Locked rotor torque T_S/T_N	3
33.	Maximum torque T_{max}/T_N	3,8
34.	Moment of inertia $J = \frac{1}{4} GD^2$ (kg-m ²)	0,0448163

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 50102	IK 08 Impact energy 5J
57.	Type of grease	For life
58.	Colour tone	RAL 7030
59.	Dimension drawing No.	

ONLY FOR EXPLOSION-PROOF MOTORS:

60.	Marking of protection acc. to IEC	II 2G Ex db e IIC T4 Gb,
61.	EC type examination No	CESI 03 ATEX 280X

Remarks:

Date: 20.12.2016.

TU:

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

OB 7.3.2.2 03 / 22.02.2016.