



KONČAR
KONČAR - MES d.d.

Technical Data Sheet



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	(1)Code: 1164392		(2)N°:		10/18	(3)750 kg	
	(4)3~Mot	(5)7ABZPKA 280M-12/6/2TA			(6)B5		
(7)Ta 50 °C	(8)IC410		(9)Class H	(10)Rise F	(11)IP56	(12)	
(13)Nm	(14)Hz	(15)kW	(16)V	(17)A		(18)cos φ	(19)rpm
493,97	60	30 (S2-5')	D 440	120	0,4	580	
493,97	60	60 (S2-30')	YY 440	107	0,8	1160	
161,86	60	60 (S2-10')	Y 440	94	0,9	3540	

(20) **2x3TP T150, HT 2x65W/230V~, BR=800Nm/190V=**

(21) **6316 C3**

(22) **S2-5/30/10**

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	3/5,6/8,5
32. Locked rotor torque T _s /T _N	2,6/2,3/2,3
33. Maximum torque T _{max} /T _N	2,8/2,5/2,4
34. Moment of inertia J= % GD2 (kg-m2)	1,582222

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	LIS VITEM EP2
58. Colour tone	RAL 7031 C5M-H
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

Cable glands 3xM50 on the left side and 2xM20 + 1xM25 on towards NDE.

Date: **15.10.2018.** TU: **Josip Vlahović Babić mag.ing.el**

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