

T16F

MECCALTE spa - Via Roma, 20 - 36051 CREAZZO (VI) ITALY
Tel. +39 0444/396111 - Fax +39 0444/396166 - e-mail: info@meccalte.it
website: www.meccalte.com

3 PHASE
2 POLE
IP 23

CHARACTERISTICS

POWER 230/400 V at 3000 RPM - 50 Hz

Type	CL. H (ΔT=125°C)						CL. F (ΔT=105°C)		CL. H (ΔT=125°C)		T.H.D.
	THREE-PHASE		MOTOR STARTING CAPABILITY	EFFICIENCY			THREE-PHASE		SINGLE-PHASE DELTA CONNECTION		
	KVA	KW COS φ 0,8		KVA	2/4 %	3/4 %	4/4 %	KVA	KW COS φ 0,8	KVA COS φ 1	
T16F-130	6	4,8	20	75,5	79,5	79,8	5,5	4,4	4	16	< 5
T16F-160	7,5	6	26	78	82,5	82	6,8	5,4	5	19.5	< 5

POWER 277/480 V at 3600 RPM - 60 Hz

Type	CL. H (ΔT=125°C)						CL. F (ΔT=105°C)		CL. H (ΔT=125°C)		T.H.D.
	THREE-PHASE		MOTOR STARTING CAPABILITY	EFFICIENCY			THREE-PHASE		SINGLE-PHASE DELTA CONNECTION		
	KVA	KW COS φ 0,8		2/4 %	3/4 %	4/4 %	KVA	KW COS φ 0,8	KVA COS φ 1	MOTOR STARTING CAPABILITY KVA	
T16F-130	7,2	5,8	24,5	76,5	80	80,3	6,5	5,3	5	20	< 5
T16F-160	9	7,2	31	79	83	82,5	8,2	6,6	6	23,5	< 5

Type	J (Kgm ²)	Weight (Kg)	Air Volume (m ³ /min)		Noise dB(A)			
					50 Hz		60 Hz	
			50 Hz	60 Hz	7m	1m	7m	1m
T16F-130	0,0129	30,5	3,4	4,3	60	78	62	80
T16F-160	0,0156	34,5	3,4	4,3	60	78	62	80

Type		T16F-130	T16F-160
Rating "H" class	kVA 50 Hz	6	7,5
Direct - axis synchronous reactance	X _d %	331	287
Direct - axis transient reactance	X' _d %	44,5	44
Direct - axis subtransient reactance	X'' _d %	21,8	21,5
Quadrature - axis synchronous reactance	X _q %	109	111
Quadrature- axis transient reactance	X' _q %	109	111
Quadrature-axis subtransient reactance	X'' _q %	40,6	41
Negative - sequence reactance	X ₂ %	23,6	21,5
Zero sequence reactance	X ₀ %	8,9	8,2
Transient time constant	T' _d (ms)	41	38
Subtransient time constant	T'' _d (ms)	10	9
Armature time constant	T _a (ms)	5	6
Open circuit time constant	T' _{do} (s)	0,8	0,9
Short - circuit ratio	K _{cc}	0,86	0,9
Stator winding resistance	Ω	1,5	1,15

REGULATOR COMPOUND TRANS.	PARALLEL DEVICE	THERMAL PROTECTION			HEATERS	MECHANICAL PROTECTION		
		PTC	BIMET DEVICE	PT100		IP21	IP23	IP45
●		☐	☐	☐	☐		●	☐

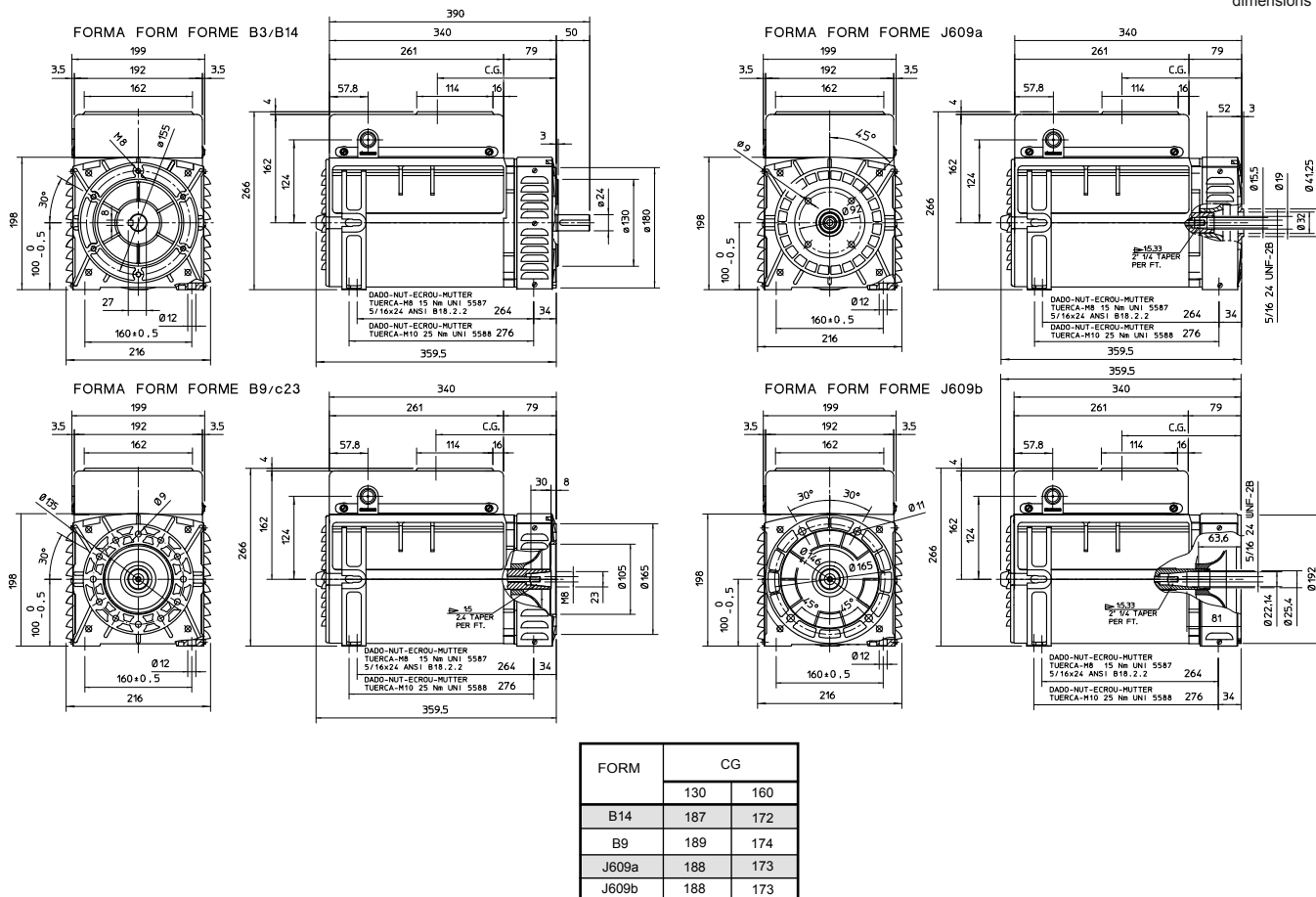
● = Standard

☐ = Optional



OVERALL SIZE, STANDARD TYPE

dimensions in mm



OVERALL SIZE WITH ELECTRIC PANELBOARD TYPE

dimensions in mm

