

elassification : Saf eral data ne (IEC) lation Class 0 (L-L, no load)		IYS															
elassification : Saf eral data ne (IEC) lation Class 0 (L-L, no load)	e	IYS															
eral data ne (IEC) lation Class) (L-L, no load)										Prod	uct code	•	: 14	63127	5		
ne (IEC) lation Class (L-L, no load)													10	519394	428		
or winding pitch Jde Iber of Leads er factor tation system ling		: ALTER : 0.8 to : Brush	1000 m NADOF 1.0	k_QTDE_ n Auxilia			Mount Numbe Type o Rated Nomin Overs CAO_E Approx Overlo	ing styler of poor of Pole speed al rota peed STATC x. weig oad	oles - 50 H; tion - 6 DR ht	z) Hz		: 15 : 18 : 22 : 25 : 1. : 1.	5T Ilient 00 rpm 00 rpm 50 rpm 50 kg 1x In pe	er 1h ea	ach 6h		
Frequency and number of phases			3nł				1nh				3nh	60 Hz			1	ph	
(series star) connection	4	00	J	·			-	48	30							- -	
Y (parallel star) connection							-									-	
(series delta) connection	2	30					-	27	77							-	
Δ (parallel delta) connection							-									-	
ig-zag or single phase delta		-	-		-		-		-	-		-		-		-	
Continuous 80/40	7	87						96	68				1		1		
Continuous 105/40	9	09											-				
Continuous 125/40																	
Standby 150/40																	
•	31	5.0															
(%) Dir. axis transient reactance	21	1.7						22	2.2								
"d(%) Dir. axis subtrans. reactance	15	5.5						15	5.9								
q(%) Quad. axis sync. reactance	12	1.0						124	4.0								
"q(%) Quad. axis subtrans. react.	18	3.2						18	8.7								
2(%) Negative sequence reactance	17	7.4						17	'.1								
0(%) Zero sequence reactance	2	.5						2	.6								
'd(ms) Short Circ.Trans.time const.	13	8.8						13	8.8								
"d(ms) Short Circ. Sub. time const.	1	.2						1.	.2								
'do(ms) Open Circ. time const Trans	20	87						20	50								
"do(ms) Open Circ. time const Subt	1	.9						1.	.9								
a(ms) Armature time const.	2	4						2	4								
c(V) Full load excitation voltage	39	9.0						40).5								
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	tation system ing Frequency and number of phases (series star) connection Y (parallel star) connection (series delta) connection (series delta) connection (series delta) connection ig-zag or single phase delta continuous 80/40 continuous 105/40 continuous 105/40 tandby 150/40 tandby 163/27 d(%) Dir. axis synchronous reactance "d(%) Dir. axis subtrans. reactance "d(%) Dir. axis subtrans. reactance "d(%) Quad. axis subtrans. reactance "q(%) Quad. axis subtrans. react. 2(%) Negative sequence reactance 0(%) Zero sequence reactance 0(%) Zero sequence reactance (d(ms) Short Circ. Trans.time const. "d(ms) Open Circ. time const Trans "do(ms) Open Circ. time const Subt a(ms) Armature time const.	er factor ing Frequency and number of phases (series star) connection 44 Y (parallel star) connection 2 (parallel delta) connection ig-zag or single phase delta continuous 80/40 continuous 105/40 growth and by 150/40 tandby 163/27 100 tandby 163/27 101 tandby 163/27 102 tandby 163/27 103 tandby 163/27 104 (%) Dir. axis synchronous reactance 12 "d(%) Dir. axis synchronous reactance 12 "d(%) Quad. axis sync. reactance 12 "(%) Quad. axis subtrans. react. 18 2(%) Negative sequence reactance 12 "(ms) Short Circ. Trans.time const. 13 "d(ms) Open Circ. time const Subt 14 (A) No load excitation current 33 (A) Full load excitation current 34 (A) No load excitation current	er factor: 0.8 toing: Brushing: IC01Frequency and number of phases	er factor: 0.8 to 1.0 : Brushless with ingFrequency and number of phases $3pr(series star) connection400Y (parallel star) connection230\Delta (parallel delta) connection230\Delta (parallel delta) connection230\Delta (parallel delta) connection230ig-zag or single phase delta-continuous 80/40787continuous 105/40909continuous 105/401017tandby 150/401024tandby 163/271068d(%) Dir. axis synchronous reactance315.0q(%) Quad. axis synch reactance121.0"q(%) Quad. axis subtrans. reactance12.5q(%) Quad. axis subtrans. reactance12.42(%) Negative sequence reactance1.40(w) Zero sequence reactance1.2"d(ms) Short Circ. Trans.time const.1.2"d(ms) Open Circ. time const Trans2087"doms) Open Circ. time const Subt1.9a(ms) Armature time const.1.2(A) Full load excitation current3.8(A) No load excitation current3.8(A) No load excitation current3.6(A) No load$	er factor: 0.8 to 1.0 : Brushless with Auxiliar ingFrequency and number of phases 50 Hz sphFrequency and number of phases 50 Hz sph'series star) connection 400 101 Y (parallel star) connection 230 100 Δ (parallel delta) connection 230 100 Δ (parallel delta) connection 230 100 ig-zag or single phase delta $ -$ continuous 80/40 787 100 continuous 105/40 909 100 continuous 125/40 10017 100 tandby 150/40 1024 100 tandby 163/27 1068 100 d(%) Dir. axis synchronous reactance 315.0 ''d(%) Quad. axis subtrans. reactance 12.1 (26) Negative sequence reactance 12.1 (26) No load. axis subtrans. react. 18.2 (26) No load excitation voltage 39.0 ''d(ms) Open Circ. time const. 1.2 ''do(ms) Open Circ. time const. 1.2 ''do(ms) Open Circ. time const. 24 ''do(ms) Open Circ. time const. 1.9 ''do(ms) Open Circ. time const. 24 <th''do bi="" cad="" cu<="" excitation="" td=""><td>er factor : 0.8 to 1.0 tation system : Brushless with Auxiliary Coil frequency and number of phases 3ph (series star) connection 230 Δ (parallel star) connection 230 Δ (parallel delta) connection 230 (series delta) connection 230 Δ (parallel delta) connection - (grag or single phase delta - - - continuous 80/40 787 continuous 105/40 909 continuous 125/40 1017 tandby 150/40 1024 tandby 163/27 1068 d(%) Dir. axis synchronous reactance 315.0 '''(%) Quad. axis sync. reactance 15.5 q(%) Quad. axis subtrans. reactance 12.1.0 '''q(%) Quad. axis subtrans. reactance 17.4 Q(%) Quad. axis subtrans. reactance 17.4 Q(%) Short Circ. 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Sub. time const. 1.2 '''(o(ms) Open Circ. time const Subt 1.9 a(ms) Armature time const. 24 Q(A) Full load excitation current 3.8</td><td>I 0.8 to 1.0I colIs run shless with Auxiliary CoilSo HzSo Hz<th< td=""><td>er factor : 0.8 to 1.0 Appro ing ::C01 Overdo Frequency and number of phases 50 Hz Momental Statemental S</td><td>er factor lation system : 0.8 to 1.0 Approx. weig Cverload Momentary Coll Sph Approx. weig Cverload Momentary Coll Momentary Coll Momentary Coll Momentary Coll Momentary Coll Momentary Coll Momentary Coll Momentary Coll Momentary</br></br></br></br></td><td>tation system Correction Correction Correction Correction Correction Frequency and number of phases SO Hz IPh State SO Hz IPh (series star) connection 20 Correction 230 Correction Correction 230 Correction Correction 240 Page State 230 Correction Correction 230 Correction Corection</td><td>er factor : 0.8 to 1.0 Approx. weight Auxilary Coil Approx. weight Momentary Overload Momentary Overload Momentary Overload Momentary Overload Momentary Overload Frequency and number of phases SO Hz - 480 -</td><td>effector : 0.8 to 1.0 Approx. weight Approx. Weig</td><td>indication system : 0.8 to 1.0 Approx. weight :: 25 indication system : incident system Overload .: 1.1 requency and number of phases : Set 50 Hz Iph - 480 Iph :: 1.2 (series star) connection 200 - Iph - 480 -</td><td><th c<="" td=""><td>ison systems: 0.8 to 1.0. 2550 kg. 2550 kg. 2550 kg. 11x to pert to a Market M</td><td><form> refractor ::0.8 to 1.0 Approx. weight ::250 kg ::11.x in per 10 each 4h requency and number of phases ::0.0 * :1.5. in per 300 * :1.5. in per 300 * requency and number of phases 3ph in p :1.5. in per 300 * :1.5. in per 300 * (series star) connection 20 1 27.7 (geries delta) connection 230 (geries delta) connection 230 </form></td></th></td></th<></td></th''do>	er factor : 0.8 to 1.0 tation system : Brushless with Auxiliary Coil frequency and number of phases 3ph (series star) connection 230 Δ (parallel star) connection 230 Δ (parallel delta) connection 230 (series delta) connection 230 Δ (parallel delta) connection - (grag or single phase delta - - - continuous 80/40 787 continuous 105/40 909 continuous 125/40 1017 tandby 150/40 1024 tandby 163/27 1068 d(%) Dir. axis synchronous reactance 315.0 '''(%) Quad. axis sync. reactance 15.5 q(%) Quad. axis subtrans. reactance 12.1.0 '''q(%) Quad. axis subtrans. reactance 17.4 Q(%) Quad. axis subtrans. reactance 17.4 Q(%) Short Circ. 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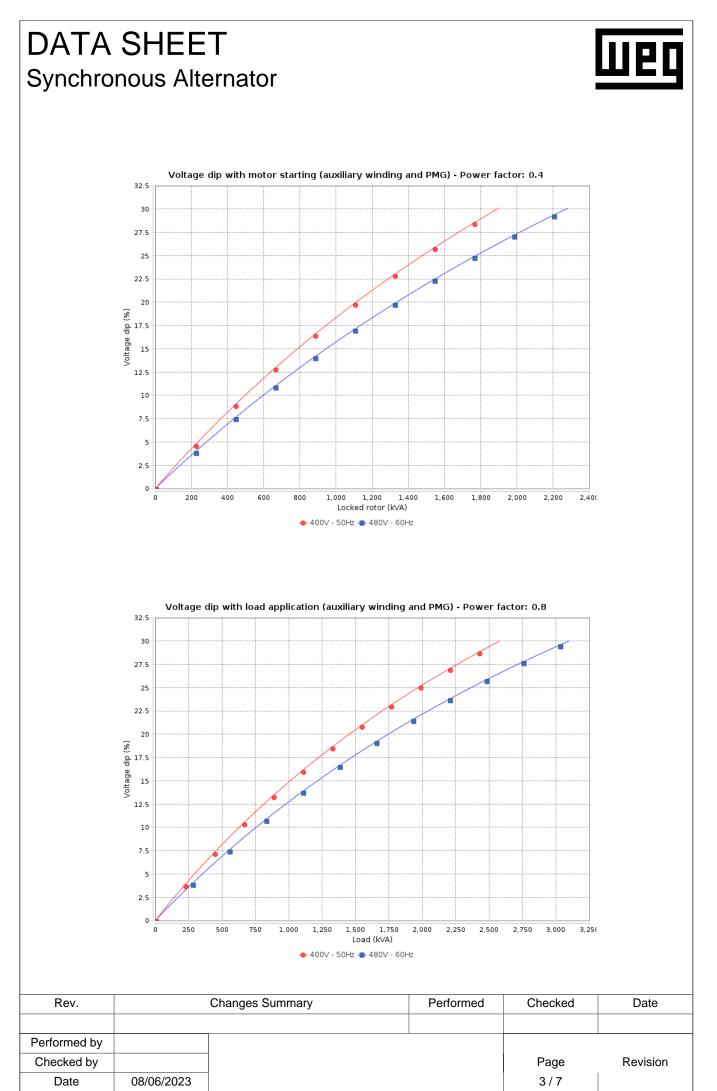
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Other characteristics		Automatic voltage regulator		According to:
Air flow	: 3.2 m³/s	Accuracy (stability)	: +/- 0.5%	IEC 60034
Exciter stator winding resistance at 20°C	: 10.25 ohm	Rated current	: 7 A	NBR 5117
Stator winding resistance at 20°C	: 0.00232 ohm	Analog input	: Yes	NEMA MG1
Rotor winding resistance	: 3.26 ohm	Digital input	: No	VDE530
Stator winding layers	: 2	Peak current	: 10 A/10 s	ISO 8528
Inertia WR ²	: 15.98 kgm ²	Droop / TC	: Yes	CSA
NDE Bearing	: 6220-C3	Dynamic recovery	: 8 to 500 ms	
DE bearing		U/F	: Yes	
Flange	: SAE 0	Internal voltage adjustment	: +/- 15%	
Coupling disc	: SAE 14	External voltage adjustment	: +/- 10%	
		Transient recovery time for $\Delta U=20\%$: 500 ms	

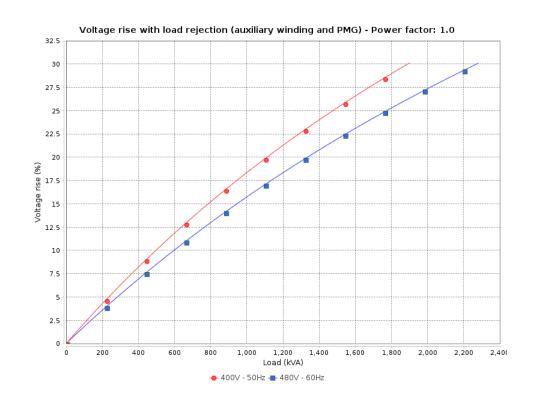
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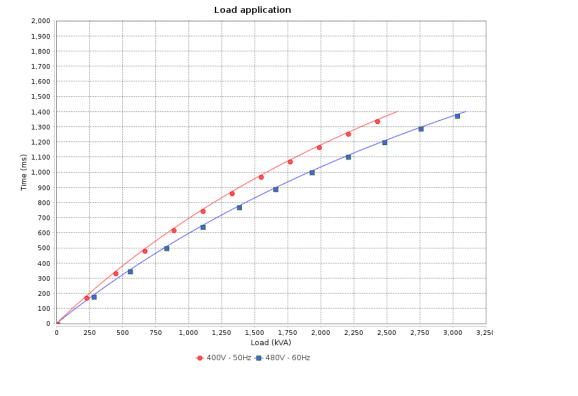
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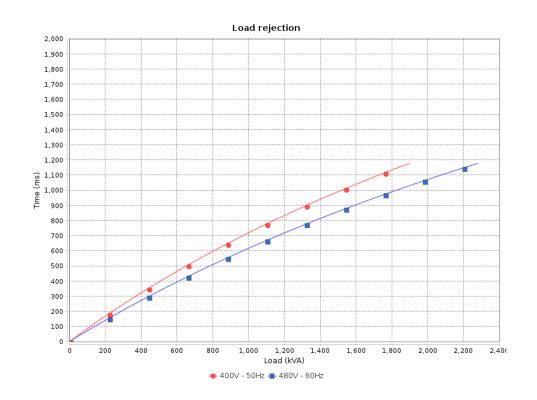




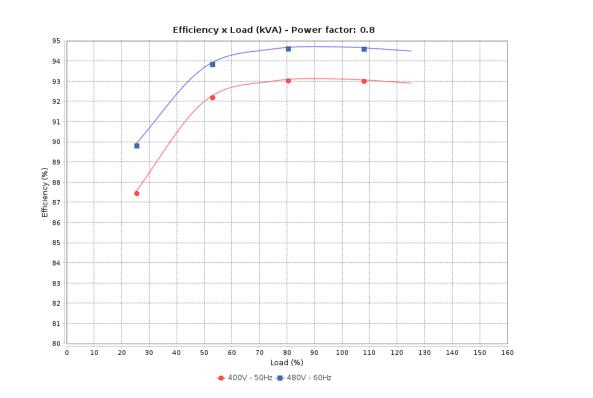


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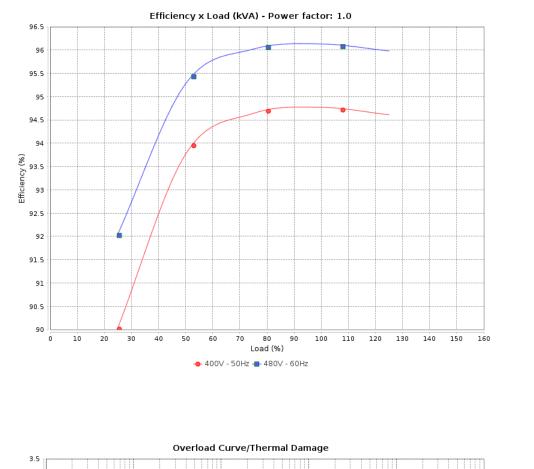
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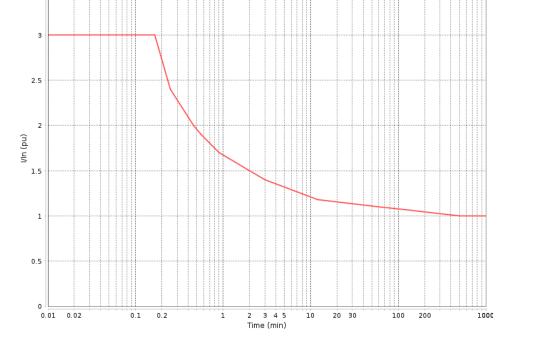


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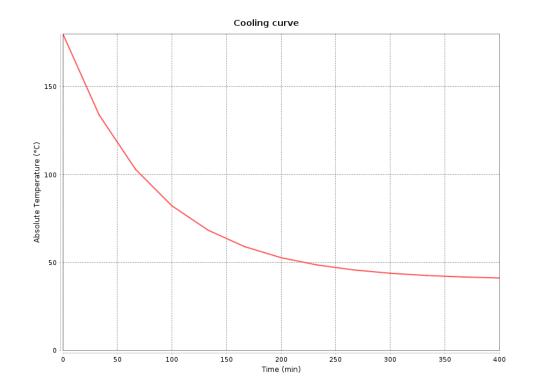




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