

## V354C Technical Data Sheet

INSULATION SYSTEM	CLASS H	CONTROL SYSTEM	SELF EXCITED
PROTECTION	IP23	A.V.R.	AS440
WINDING PITCH	2/3	VOLTAGE REGULATION	±1.0 %
WINDING LEADS	12	SUSTAINED SHORT CIRCUIT	NOT
MAXIMUM / OVERSPEED	2250 Rev/Min	WAVEFORM DISTORTION	NO LOAD < 1.5% NON-DISTORTING BALANCED LINEAR LOAD < 5.0%
		TELEPHONE INTERFERENCE: THF	THF < 2%
		TELEPHONE INTERFERENCE: TIF	TIF < 50

### 50Hz CLASS "H"

RATINGS		Winding 311 / 0.8 Power Factor							
Duty/Ambient T°. RISE		Cont.125K/40°C				Standby - 150/40°			
PHASE		3 PHASE							
SERIES STAR		380	400	415	440	380	400	415	440
PARALLEL STAR		190	200	208	220	190	200	208	220
SERIES DELTA		220	230	240	254	220	230	240	254
DOUBLE DELTA									
SLG354E	KVA	600	600	600	600	636	636	636	636
	KW	480	480	480	480	509	509	509	509

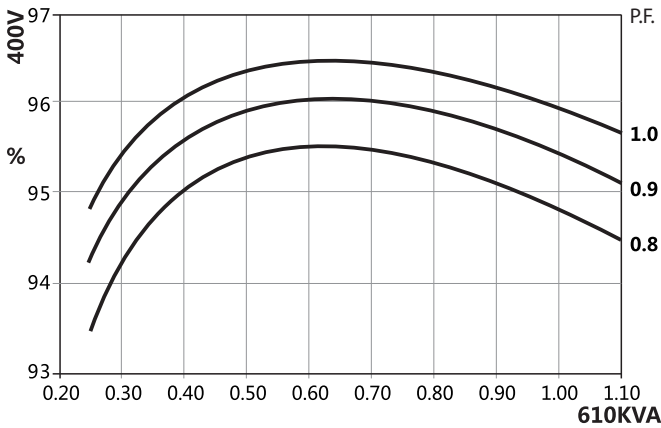
### 60Hz CLASS "H"

RATINGS		Winding 311 / 0.8 Power Factor							
Duty/Ambient T°. RISE		Cont.125K/40°C				Standby - 150/40°			
PHASE		3 PHASE							
SERIES STAR		416	440	460	480	416	440	460	480
PARALLEL STAR		208	220	230	240	208	220	230	240
SERIES DELTA		240	254	266	277	240	254	266	277
DOUBLE DELTA									
SLG354E	KVA	681	713	731	750	719	750	780	800
	KW	545	570	585	600	575	600	624	640

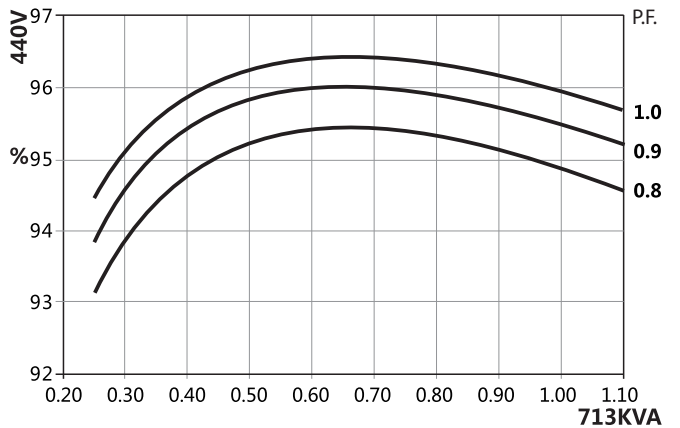
**REACTANCES , TIME CONSTANTS (s) : CLASS : H / 400 V**

	SLG354E	
	50Hz/400V	60Hz/440V
	Xd DIR. AXIS SYNCHRONOUS	2.83
X'd DIR. AXIS TRANSIENT	0.15	0.16
X''d DIR. AXIS SUBTRANSIENT	0.11	0.11
Xq QUAD. AXIS REACTANCE	2.21	2.64
X'q QUAD. AXIS SUBTRANSIENT	0.24	0.32
XL LEAKAGE REACTANCE	0.05	0.06
X2 NEGATIVE SEQUENCE	0.16	0.22
X0 ZERO SEQUENCE	0.08	0.09
T'd TRANSIENT TIME CONST. (s)	0.08	
T''d SUB-TRANSTIME CONST. (s)	0.012	
T'do O.C. FIELD TIME CONST. (s)	2.5	
Ta ARMATURE TIME CONST. (s)	0.019	
SHORT CIRCUIT RATIO	1/ Xd	

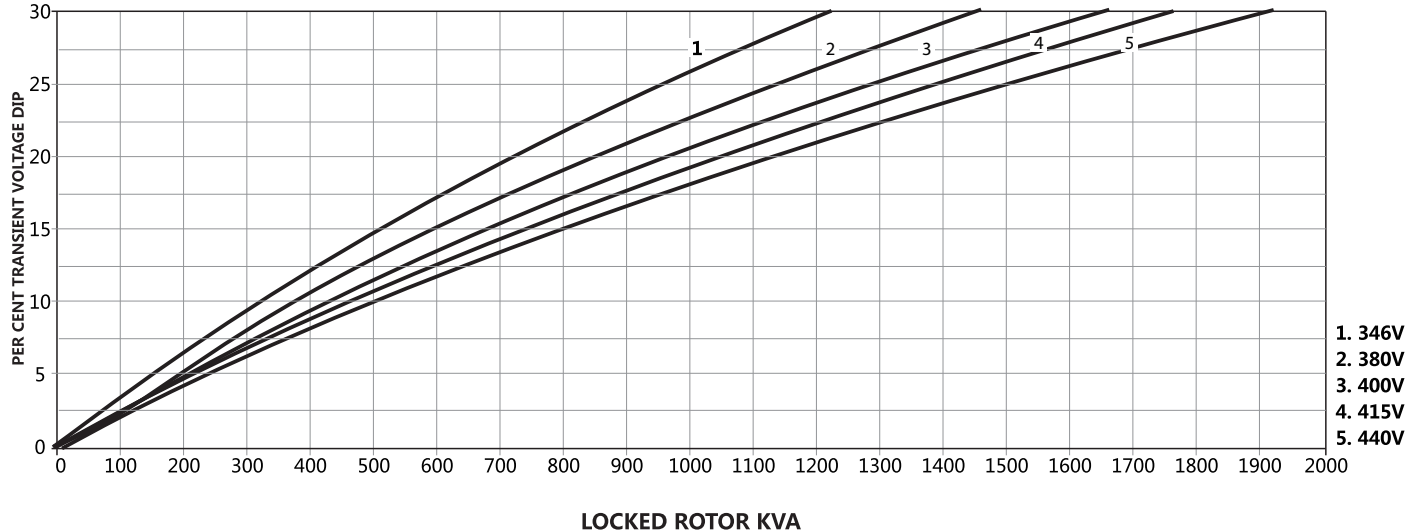
**50Hz 400V Winding 311 THREE PHASE EFFICIENCY CURVES**



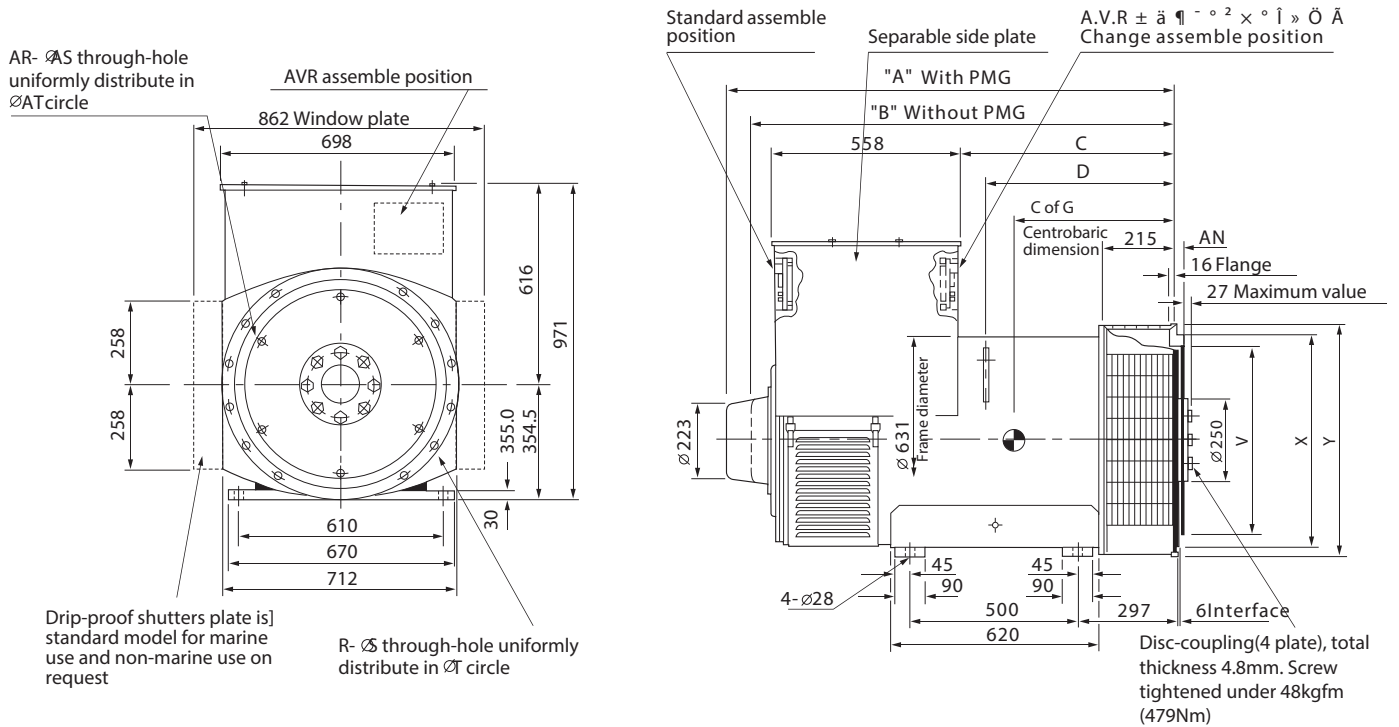
**60Hz 440V Winding 311 THREE PHASE EFFICIENCY CURVES**



**50Hz 400V Winding 311 Locked Rotor Motor Starting Curve**



## Single bearing external dimension



DIMENSION (mm)					
型号 Model	A	B	C	D	C of G
SLG354E	1337	1266	642	568	595

DISC COUPLING (mm)					
S.A.E.NO.	AN	AR	AS	AT	V
14	25.40	8	13.5	438.2	466.6
18	15.87	6	16.7	543.0	571.4
21	0	12	16.7	641.3	673.0

FLANGE (mm)					
S.A.E.NO.	R	S	T	X	Y
00	16	14	850.9	787.3	882
0	16	14	679.5	647.6	702
1/2	12	14	619.1	584.1	702
1	12	12.7	530.2	511.1	702

SAE NO SELECTOR CHOWT		
	SAE14	SAE18
SAE 0	•	•
SAE 0.5	•	
SAE 1	•	

TRANSPORTATION DATA				
型号 Model	N.W(kg)	G.W(kg)	LXWXH(cm)	QTY FOR 20FT CONTAINER
SLG354E	1500	1598	143.2x86.2x117.4	22

