

## 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									
SLG354C	KVA	450	450	450	450	478	478	478	478
	KW	360	360	360	360	382	382	382	382

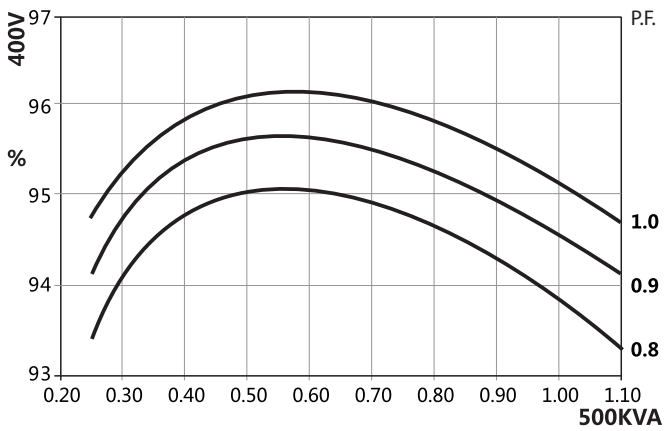
### 60Hz CLASS "H"

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									
SLG354C	KVA	525	550	581	594	550	581	613	625
	KW	420	440	465	475	440	465	490	500

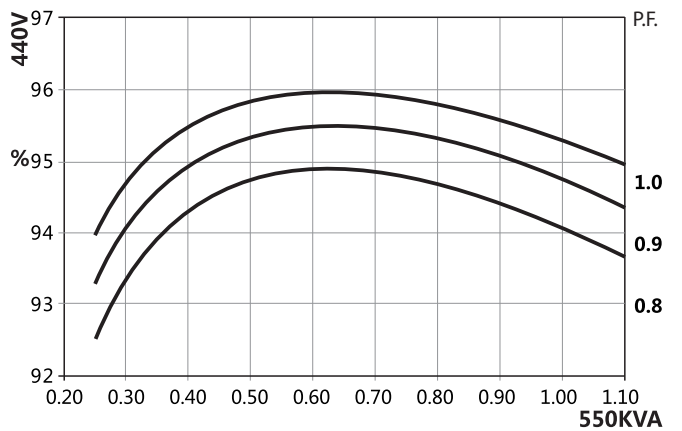
**REACTANCES , TIME CONSTANTS (s) : CLASS : H / 400 V**

	SLG354C	
	50Hz/400V	60Hz/440V
Xd DIR. AXIS SYNCHRONOUS	2.95	3.69
X'd DIR. AXIS TRANSIENT	0.16	0.17
X''d DIR. AXIS SUBTRANSIENT	0.12	0.12
Xq QUAD. AXIS REACTANCE	2.40	2.92
X''q QUAD. AXIS SUBTRANSIENT	0.24	0.32
XL LEAKAGE REACTANCE	0.06	0.07
X2 NEGATIVE SEQUENCE	0.17	0.22
X0 ZERO SEQUENCE	0.10	0.10
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	
Ta ARMATURE TIME CONST. (s)	0.017	
SHORT CIRCUIT RATIO	1/ Xd	

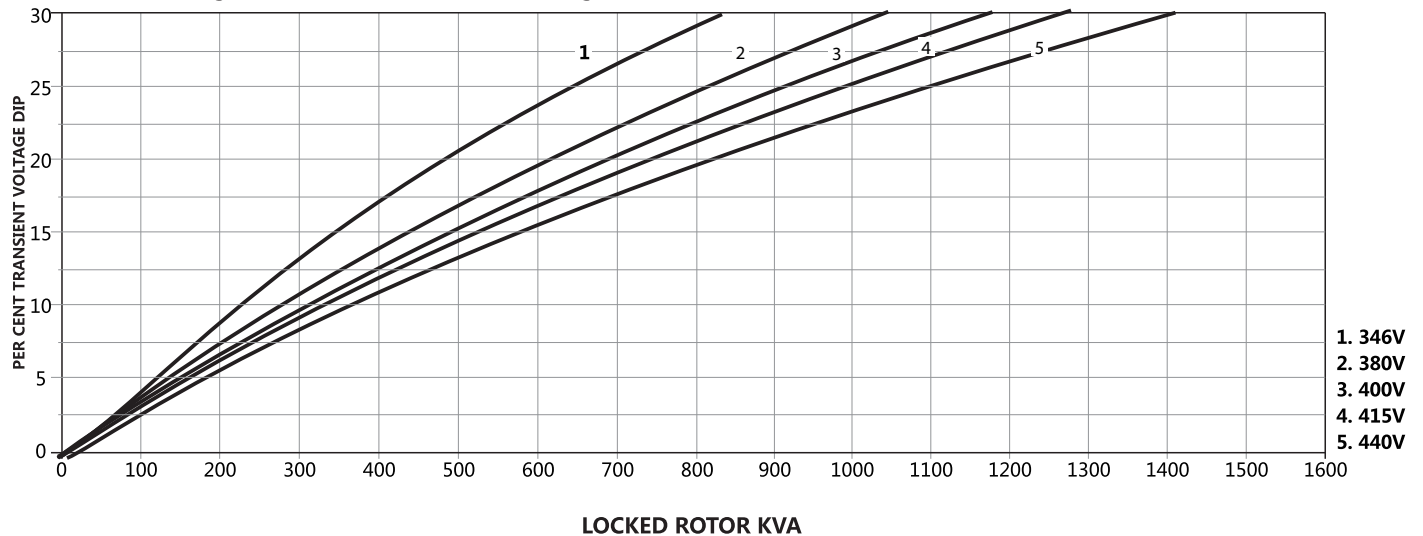
**50Hz 400V Winding 311 THREE PHASE EFFICIENCY CURVES**



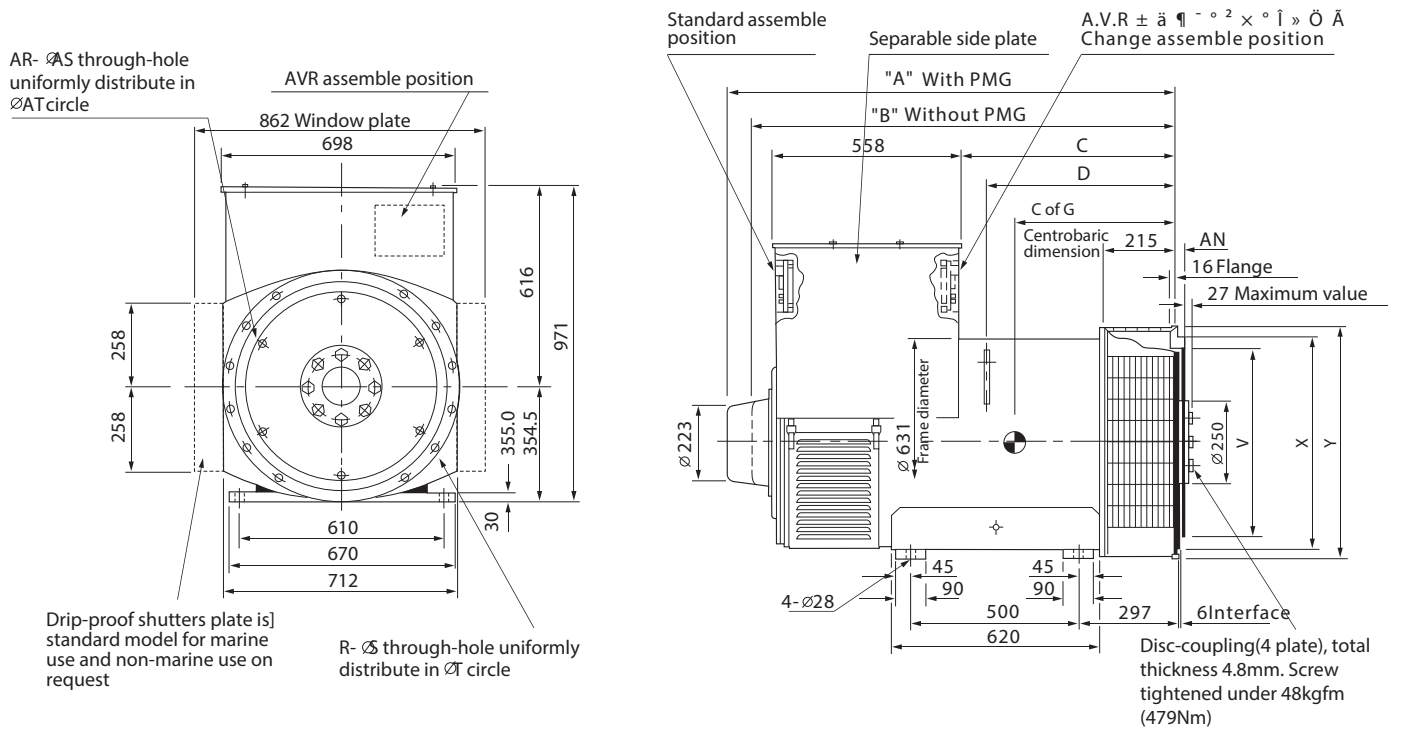
**60Hz 440V Winding 311 THREE PHASE EFFICIENCY CURVES**



**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
SLG354C	1337	1266	642	568	555

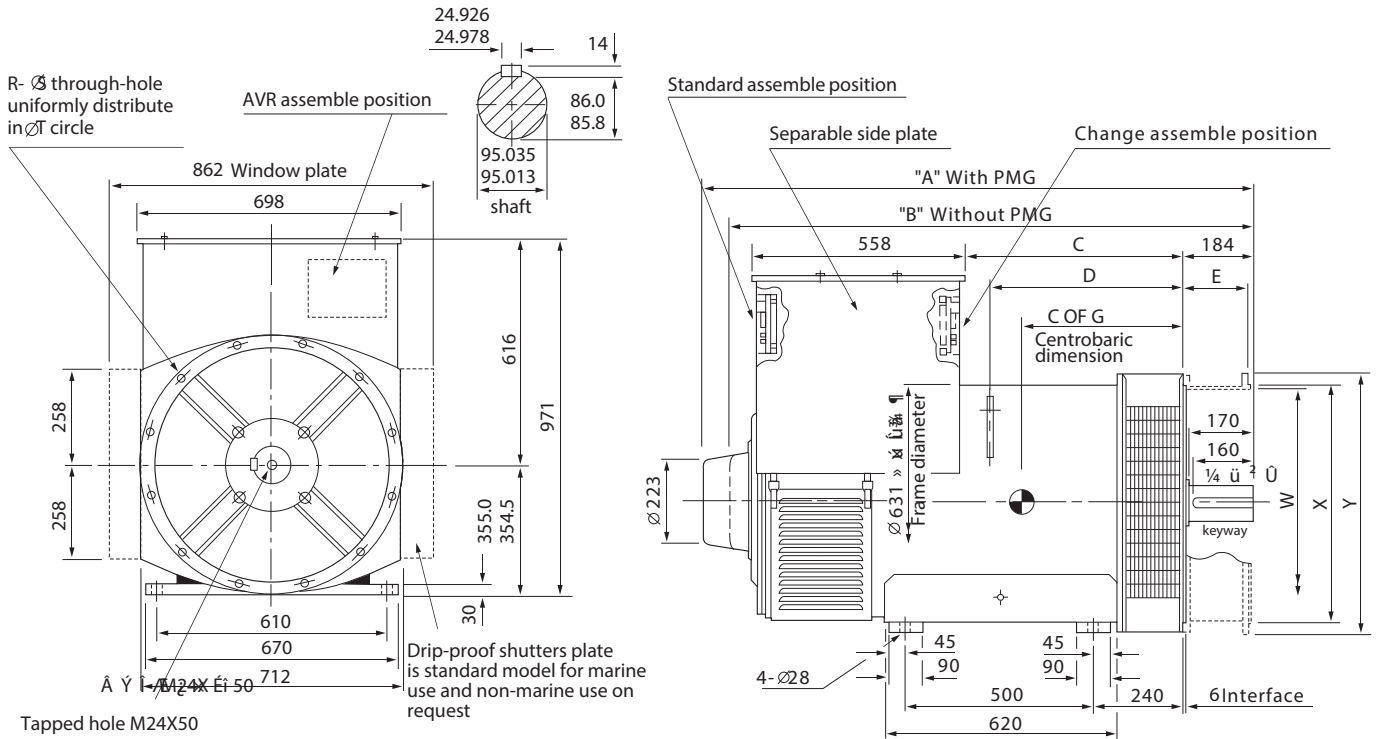
DISC COUPLING (mm)					
S.A.E.NO.	AN	AR	AS	AT	V
14	25.40	8	13.5	438.2	466.6
18	15.87	6	16.7	543.0	571.4
21	0	12	16.7	641.3	673.0

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
SLG354C	1265	1350	143.2x86.2x117.4	22

## Double bearing external dimension



### DIMENSION

型号 Model	A	B	C	D	C of G
SLG354C	1464	1393	585	511	498

### FLANGE (mm)

S.A.E.NO.	R	S	T	W	X	Y	E
00	16	14	850.9	772	787.3	882	170
0	16	14	679.5	632	647.6	711	170
1/2	12	14	619.1	569	584.1	648	150
1	12	12.7	530.2	496	511.1	553	170

### TRANSPORTATION DATA

型号 Model	N.W(kg)	G.W(kg)	LXWXH(cm)	QTY FOR 20FT CONTAINER
SLG354C	1275	1375	160.5x68.5x117.5	22