



BOLLETTINO SALA PROVE

TRASFORMATORE N. T1566

CLIENTE SNAM PROGETTI

ORDINE 530700/01174

KVA 2500

FASI 3

Hz 50

VOLT 20000 ± 2.5% Δ / 6300 A

TIPO ONAN

MISURA DEI RAPPORTI - AVVOLGIMENTI I°/II°

GRUPPO Dy11

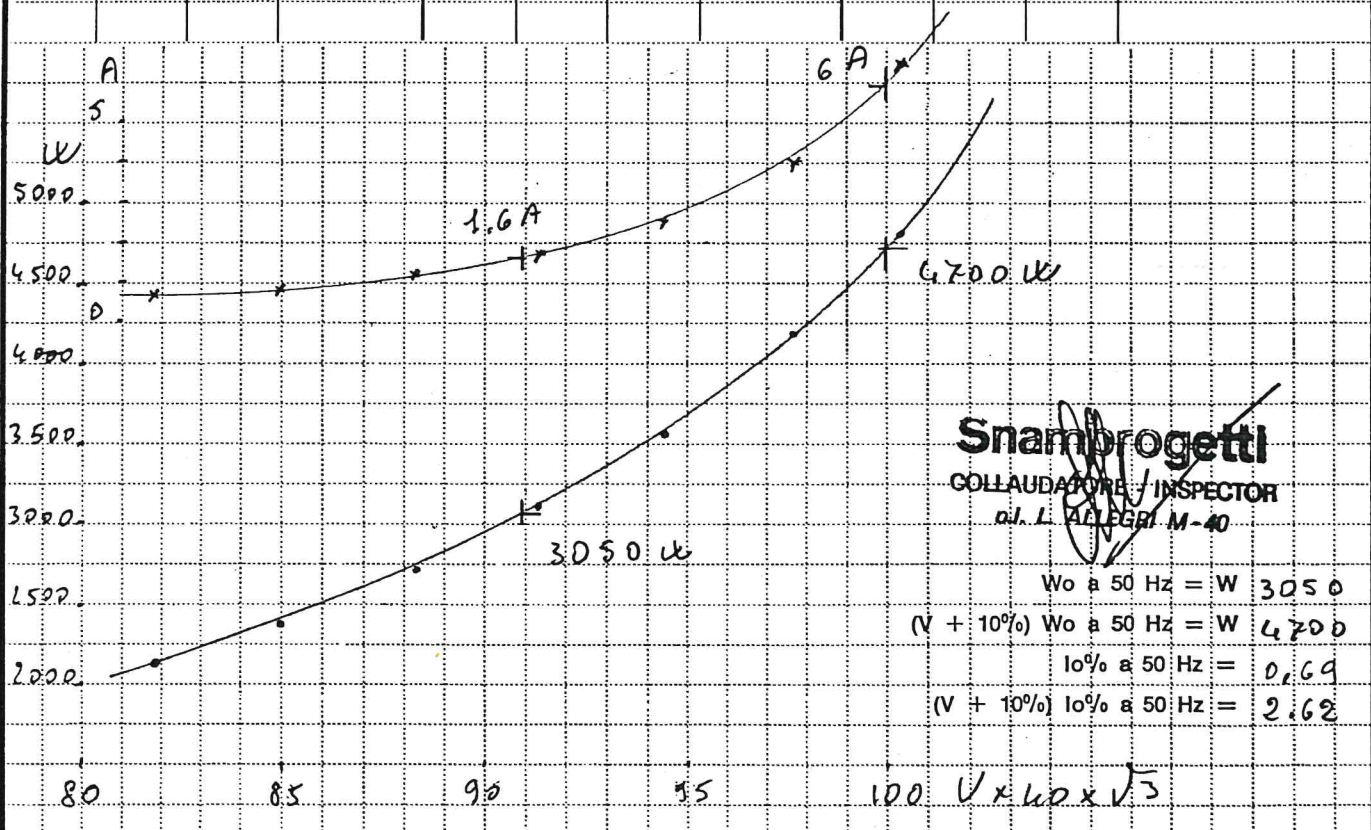
Morsetti	Posizione commutatore									
	++	+	0	-	--					
ABccBC/db	5.770	5.633	5.491	5.361	5.224					
BCccCA/bc	"	"	"	"	"					
CAccAB/ca	"	"	"	"	"					

PROVA A VUOTO: ALIM. LATO I° V 6300

A 229.1

Hz 50

$K = 10/5 \cdot 2 \times 6/120 = 0.1$				$K = 4000/100 = 40 \times \sqrt{3}$				$K = 2 \times 40 \times 150 \times 5A \times 0.1/150 = 40$			
A ₁	A ₂	A ₃	A _m	V ₁	V ₂	V ₃	V _m	W ₁	W ₂	W ₃	W total
68	56	70	6.67	100.3	100.3	100.4	100.3	116	21	12	4200
42.7	34.1	43.6	4.01	97.6	97.7	97.6	97.6	93	22.5	10.5	4200
28	20.9	28.3	2.57	94.4	94.4	94.5	94.4	72.3	21.1	2.6	3632
$k = 515 = 1 \times 6/120 = 0.05$				$K = 40 \times \sqrt{3}$				$K = 1 \times 40 \times 150 \times 5A \times 0.1/150 = 20$			
38.4	28.2	39.2	1.76	91.2	91.2	91.5	91.3	113	38	5.7	3134
28	20.4	28.8	1.29	88.2	88.3	88.4	88.3	90.2	33	14	2744
21.1	15.8	21.8	0.98	85	85	85	85	73	29.1	19.5	2432
16.9	12.4	17	0.77	81.8	81.8	82	81.9	60.3	26	22.4	2174



PROVA DI TENSIONE APPLICATA

PROVA DI TENSIONE INDOTTA

Avvolgimenti	Tensione di prova	Durata	Avvolgimenti	Tensione di prova	Hz	Durata
I°	V. 50000	60"	I°	V. 21000 x 2	200	30"
II°	V. 20000	60"	II°	pos. var. ++		
AUSILIARI	V. 2000	62"		V. 6300 x 2	200	30"

$K = 100/5 = 20 \times V/120 = 1$			$K = 1000/100 = 10 \times \sqrt{3}$			$K = 20 \times 10 \times 150 \times 5^2 \times 0,2/150 = 100$			$\Sigma 100 \text{ sen } (E_s - E_r)$	$\frac{V}{\sqrt{3}} \frac{100 \text{ sen } s}{100}$	W corretti	W r.p. $a \frac{22,13}{13} A$	Allim. I°	c.c. II°
A ₁	A ₂	A ₃	A ₄	V ₁	V ₂	V ₃	W ₁	W ₂	W ₃	ΣW		21935	V 20000	V 6300
24,5	24,0	24,6	24,33	90,4	90,0	90,0	80,0	258	273	23310		21935		
21,8	21,4	21,9	21,2	82,0	86,9	86,9	24,2	69,8	72,0	21650		21935	Comm. pos. 0	
69,0	68,3	68,9	68,23	83,3	83,0	83,2	68,7	65,0	66,4	20010		22063		
							1514					21991		

W I 14344 +
W II 8015 =
W N a 25 °C 19359
W mls. 21991 -
W N 19359 X
W add. 2632 :
= 25289 W 75 °C
c.a. 75 °C 1012
c.a. 50 Hz 7519
c.a. 75 °C 7586
cos φ c.c. 0,133

W I +
W II =
W N a °C
W mls. -
W N X
W add. :
= W 75 °C
c.a. 75 °C
c.a. 50 Hz
c.a. 75 °C
cos φ c.c.

W I +
W II =
W N a °C
W mls. -
W N X
W add. :
= W 75 °C
c.a. 75 °C
c.a. 50 Hz
c.a. 75 °C
cos φ c.c.

MISURA DELLE RESISTENZE:

TEMP. °C 25 K = 1,1923

Presente al collaudo: egr. sig. ALL. EGR. *ALL. EGR.*

Data 14.6.1985 Firma *ALL. EGR.*

Avvolgimenti		I°		II°	
comm. pos.		V. 20000		V. 6300	
A - B	1,453	0,4018		0,4018	
A - C	1,452	0,4021		0,4018	
B - C	1,450	0,4018			

Snampirogetti
COLLAUDATORE - INSPECTOR
M. L. MESSI M. 40