BOLLETTINO SALA PROVE

TRASFORMATORE N. 71565

CLIENTE SNAM PROGETTI ORDINE 530200/01124

KVA 2500 FASI 3 Hz 50 VOLT 20000±2x2.5% Δ/6300 λ TIPO ONAN

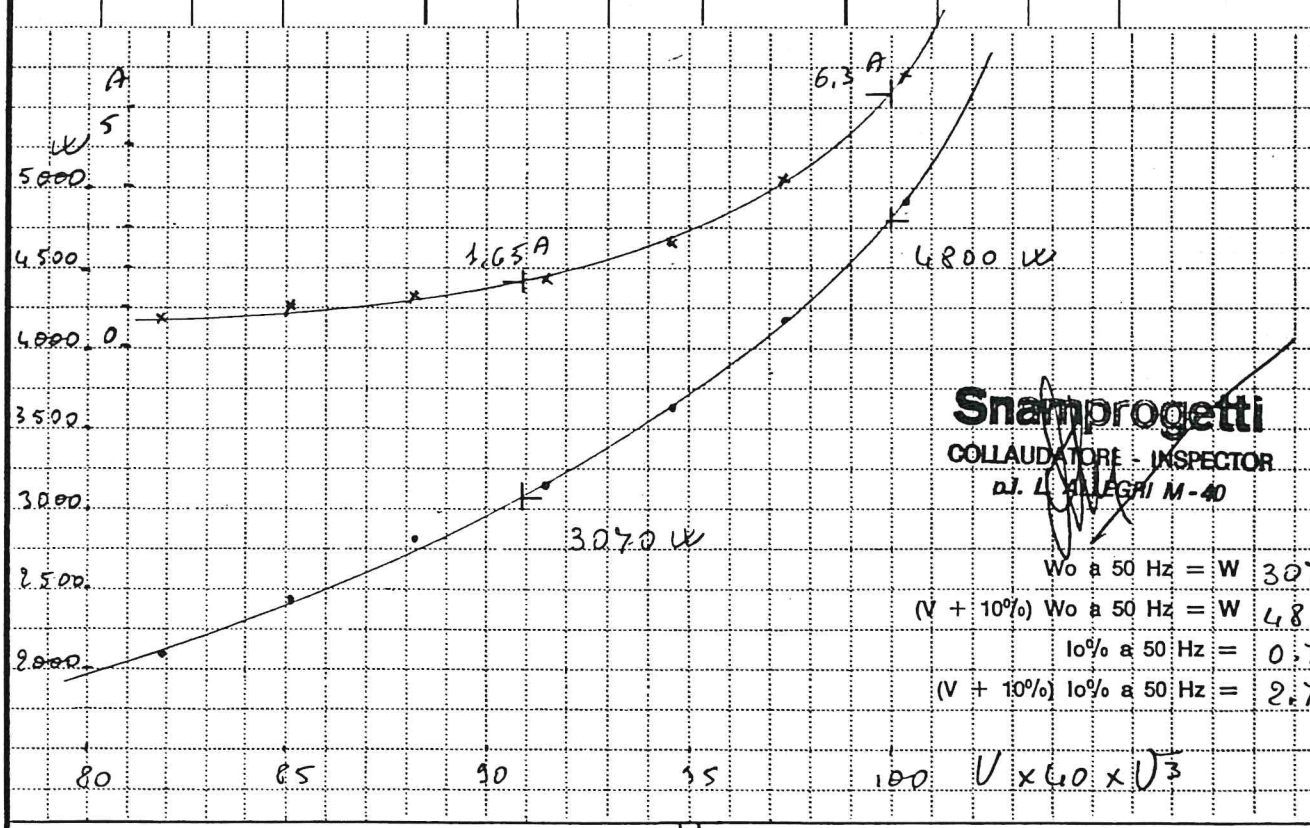
MISURA DEI RAPPORTI - AVVOLGIMENTI I°/II° GRUPPO Dy11

Morsetti	Posizione commutatore ++	+	0	-	--
AB cc BC/ab	5,770	5,633	5,497	5,361	5,224
BC cc CA/bc	"	"	"	"	"
CA cc AB/ca	"	"	"	"	"

PROVA A VUOTO: ALIM. LATO II° V 6300 A 229.1 Hz 50

90.9
100

K = 10/5 = 2x6/120 = 0,1				K = 4000/100 = 40x√3				K = 2x40x150x5A x 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 totali
72	60	72	6.80	100.1	100,6	100.4	100.4	116 +	30.6 +	25.3 −	4850
45	35.2	45	4.17	97.3	97.3	97.4	97.3	95	27	17	4200
29.2	21.9	29.6	2.69	94.5	94.4	94.6	94.5	75.2	21.8	6.2	3632
K = 5/5 = 1x6/120 = 0.05				K = 40 x √3				K = 1x40x150x5/0.1/150 = 20			
40	28.9	40.6	1.82	91.1	91.4	91.6	91.4	119.5 +	36 +	3 +	3170
29	21	30	1.33	88.1	88.2	88.1	88.1	95.7	31.1	12	2776
22.1	16.2	23.2	1,02	85	85	85.1	85	77.3	28.5	18	2476
17.4	13	18	0,81	81.8	81.8	81.9	81.8	63.6	24.3	21.6	2190



Snamprogetti
COLLAUDATORE - INSPECTOR
ing. L. VILLEGAS M-40

Wo a 50 Hz = W 3070
(V + 10%) Wo a 50 Hz = W 4800
Io% a 50 Hz = 0.72
(V + 10%) Io% a 50 Hz = 2.75

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. 21000x2 pos. var. ++	200	30"
II°	V. 20000	60"	II°	V. 6300x2	200	30"
AUSILIARI	V 2000	60"				

Mod. S. P. 1 - 1000 - 10-83

TRASFORMATORE N. 7[illegible] PROVA DI CORTO CIRCUITO: TEMP. °C = 25 K = 1,1923

K = 100/5 : 20 x 6/120 = 1				K = 1000/100 : 10 x √3			V rip. a ±2,17 A	K = 20 x 10 x 150 V x 5 A x 0,1 / 150 = 100				Σ 100 sen (ε₀ - ε₁)	VI 100 sen ε / √3 100	W corretti	W rip. a ±2,17 A	Alim. I°	c. c. II°
A₁	A₂	A₃	A_m	V₁	V₂	V₃		W₁	W₂	W₃	Σ W						
75,7	75,6	75,8	75,7	91,1	91,0	90,9	1503	80,8	79,0	81,0	24080				21887	V. 20000	V. 6300
72,6	72,6	72,8	72,67	87,4	87,0	87,3	1500	74,7	73,3	75,0	22300				21994	Comm. pos.	0
69,6	69,4	69,7	69,57	83,5	83,2	83,5	1498	68,8	67,4	69,0	20520				22082		
							1500								21988		

W I ..... 11313 +
W II ..... 8054 =
W Ω a 25 °C 19367

W mis. ..... 21988 —
W Ω ..... 19367 × 1,1923 = 23091 +
W add. ..... 2621 : " = 2198 =
25289 W 75 °C

e_x a 75 °C 1,012
e_x a 50 Hz F,448
e_x a 75° C F,51F
cos φ c. c. 0,135

K = ... K = ... A K = ... A

Comm. pos. .....

W I ..... +
W II ..... =
W Ω a ..... °C .....

W mis. ..... —
W Ω ..... × ..... = ... +
W add. ..... : ..... = ... =
W 75 °C

e_x a 75 °C .....
e_x a 50 Hz .....
e_x a 75° C .....
cos φ c. c. .....

K = ... K = ... A K = ... A

Comm. pos. .....

W I ..... +
W II ..... =
W Ω a ..... °C .....

W mis. ..... —
W Ω ..... × ..... = ... +
W add. ..... : ..... = ... =
W 75 °C

e_x a 75 °C .....
e_x a 50 Hz .....
e_x a 75° C .....
cos φ c. c. .....

MISURA DELLE RESISTENZE:

TEMP. °C 25 K = 1,1923

Presente al collaudo: egr. sig. Allegri

Data 14-6-1985 Firma [illegible]

Avvolgimenti	I°			II°		
comm. pos.	V. 20000			V. 6300		
A - B	1,449	1,448 Ω		0,1024	0,1023 Ω	
A - C	1,449			0,1027		
B - C	1,445			0,1018		

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