Naudonoudos Xeneros AM: 2018030139

Miranas 1 Enagurinos mirraleas 3-phas	e 180w	The American Agency & American Street, and American		
Ovofraculty fryxanish rexus kryzyca Pout (w)	SHE: SOU	EHE: 60Hz W: 180W H8: 0,25		
Luva 16x000 cosq Geo Byaciro EHE Upians	cosiq = 0,66			
Ovopabury rexxirya afova 600 3400. EHE Negry	s RPM: 1350	Rad/s: 450		
Ovofrabruký zapovorza ážova 600 3400. 260V/60H	RPM: 1620	Rudls: 540		
	duseofodopa D			
7009/61a Geden 34aG 220V/50Hz	03ph: 220v	Ilme= 1,12 A		
Szen = J3 Uzen leme = 426,7 VA	V1 pm: 220 V	cosye = 0,66		
Zpoy/61a 62ary 3 gas 260V/60Hz	Durgeoforgia D			
	Uzph: 260V	lene = 0,95 A		
Szpn= 427,8 VA	Vipn: 260V	cosy = 0,66		
7004/610 Order 3406 380V/50Hz	Eursechologia Y			
S3Ph = 427,8 VA	U3PM: 380V	Ihme= 0,65 A		
(2,0)	Vipn: 220V	(ws 4: 0,66		
Zpoglóla Grain 3 gas 440V/60Hz	Sousse podosta Y			
S384 = 419,2 VA	Uzpn: 440V	(lane = 0,55 A		
	Vign: 254V	(05q = 0,66		

- 1) H Guxubryra 620 3pm Meriros Elvar 8=50Hz

 Nm=1350 rpm Wm = 20. nm = 141,4 raid/s
- 2) (1a 50Hz: Zm= Pout = 1,27 Nm

(10 60Hz: Zm = Rout = 1,06 Dm

3) [zous acignous environes 1900 ou Ms> Mm.

Déloutre anépara n'Ados n'élus ontre unalogyoutre es nazillato ns

50 Hz: fie Ns=1500 rpm Nm=1350 rpm Exporte

PJENJUN = 60 8 = 60.50 = 2 feign nother

60Hz: fre Ns = 1800 vpm Nm = 1620 vpm

Pferguer = 60.8 = 60.60 = 2 fergy noblem

- 4) Ns=1500 rpm
- 5) $W_5 = \frac{2n \cdot N_5}{60} = \frac{3000n}{60} = 157 \text{ rad/s}$
- 6) $S = \frac{N_5 N_m}{N_5} \cdot 100\% = \frac{1500 1350}{1500} \cdot 100\% = 10\%$

Eurseofodoria acrèpa Y

Preific nésyons (mA)	10 mA	20mA	30mA	40mA	GOMA
Pony nésyons (nm)	0 vvm	0,073 nm	0,134 mm	0,182 mm	0,352 40
Záby Kluyzýpa U=53V	22,41	22,03	22,04	24,96	21,89
Zdon Kimzijea V (V)	12,77	12,72	12,71	12,68	12,64
lene (A)	2,369	2,473	2,485	2,574	2,933
(love runimon (A)	3	3	3	4	4
Pr (w)	13, 8	15	16,9	18,9	25
Sa (VA)	30,2	30,6	31,6	32,6	36,1
Sozius = 3.51	90,6	91,8	94,8	97,8	108,3
OR (VAR)	26,8	26,7	26,7	26,4	26
RE	0,46	0,49	0,54	0,59	0,69
RPM	2953	2938	2934	2894	2838
OEWETT. RF (PA SA)	0,45	0,49	0,53	0,58	0,69

Duovarias profodos dus

Pedponelinens (MA)	10mA 0 nm	20 mA 0,073 nm	30 mA 0,134 nm	40 mA 0,182 um	50mA 0,216 nr
Zaby kunzujea Uzen Zaby kunzujea Vapu	23,4	23,38	23,33	23,2	23,17
I line (A)	4,181	4,181	4,29	4,421	4,64
I line Environ (A)	8	ව	ಕ	10	10
RPM	2934	2930	2918	2890	2862
O Emercus unadoxiotis Son = 3.51 (VA)	293,5	293,2	300,2	307,7	322,5

()1= V1. (line) 9

8) Gla 0,134 Nm: · Pm = 3 Sipn cosip = 53 212 2,485.0,54 = 97,5 W · Rout = 7.W = 0,134.20 .2934 = 41,15 W 6/7 on= Pout 100% = 42,2% · Pm = 3 Siph : cosy = 53. 42. 2,571. 9,59 = 110,3 W S) (100 0,182 Nm · Pout = 7 w = 0,182 20 2894 = 55,13 W · N= Pout 100% = 49,9 % E) (10 0,352 Hm : . Pan = 3 Siph . cosie = 53.412. 2,833 0,69 = 142,2 W · lout = 7.w = 104,5 w n= 73,50/6 3) Tra M= 2953 vpm S= Ms-Nm 100% = 3000-2953 100% = 1,56% 1 Jewyor) la $M_m = 2938 \text{ rpm}$ $S = \frac{M_S - M_m}{M_S} 100\% = \frac{3000 - 2939}{3000} 100\% = 2,06\%$ dpa $N_{s} = \frac{60.1}{R_{100}}$ [10 $N_{m} = 2934 \text{ ypm}$ $s = \frac{N_{s} - N_{m}}{N_{s}}$. $100\% = \frac{3000 - 2934}{3000}$ 100% = 2,2%= 3000 rpm Fla Nm= 2894 rpm S= Ms-Nm 100% = 3000-2894 100% = 3,53% (1a Mm= 2838 18m S= Ms-Mm 100% = 3000-2838 100% = 5,4% 4) Pla pony nébroys 0,134 nm P= V.1. 650= 12,71. 2,485. 0,54 = 17,05 W // Prese = 16,9 W Q= V1. 8m0= 12,71.2,485.0,84 = 26,53 NAR // Qnee = 26,7 VAR 11 Sneig = 31,6 NAR 5= 5P2+Q2= 31,53 VA 11 cospone = 0,54 (054 = P = 0,54

5)
$$\frac{1 \text{ line (D)}}{1 \text{ line (Y)}} = \frac{4,64}{2,833} = 1,64$$