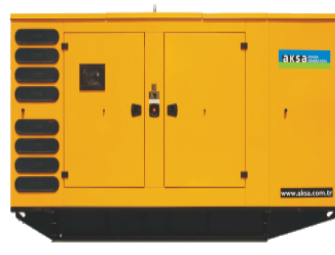


# AC 170

Motor : Cummins  
Alternatör : Mecc Alte  
Kontrol Sistemi : P 732



## ISO8528

6i 'YbYfUf f [ fi Vi 'GC , ) & 'm bYfa Y' ] UfhUfibi' \_Uf i'UntUW' \_gYj ]nYXY 'UgUfUba i' hf'

## SZUTEST

6i 'YbYfUf f [ fi Vi 'GC - \$\$\$gYfhZ\_U' nY' \_Yf]bY [ " fY 'UgUfUba i' j Y' fY]a ] hf'



6i 'YbYfUf f [ fi Vi '79'gYfhZ\_U' UfhUfibi'U' i m] i bXi f

## 2000/14/EC

GYG'mU'ihA ' \_UV]b' [ fi d'UfZ\$\$\$#( #97 '5j fi dU' [ ' f' h' m bYfa Y' ] bY [ " fY 'YghYX] ]f'

u' ] ; 'WZ' !: Uniz) \$<nz; : '\$Z

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kw	kVA	kw	Amp
400/230	170,00	136,00	155,00	124,00	224,00

Standby Güç (ESP): ; ' j Yb] ]f' YVY\_Y' \_UnbU 'ibib' \_Yg] a Yg] Xi fi a i bXUzXY ] \_YbYY' \_f] ] m' \_Y [ ' , ' fYa ] b' Yfa YXY' \_i ' 'Ubrif' '9GDz-GC , ) & ' Y i m' a ' i Xi f' '5 ifi m' \_Ya YnY' ] n] b] Yf] a Ya ] hf'

Prime Güç (PRP): 8Y ] \_YbYY' \_f] ] m' \_Yz [ ' , ' fYa ] b' Yfa YXYZm' \_' \_gibifgin' , U' i a U' gUu] ] ] b' j ' 'Ubrif' 'DF DZ-GC , ) & ' Y i m' a ' i Xi f' 'GC' '\$ ( \* mU' [ ' fY' %&gUUh, U' i a U' dYf] nXi bXU%gUUh%\$& ' U' ifi m' \_Ya Y ] ] b' j ' 'Ubrif'

## GH5B85FHx N9@@?@9F

Gi' gc' i' ha U' X] nY' 'a c' hf  
F UXnUf f j Y' a Y' \_Ub' \_ZUb  
8' bYb j Y' giVW' \_dUF, U' UfU' Xc' \_i ba Um' ' b' YnYb' \_cfi m' W' \_UZyg  
9' Y' \_f] ] a Uf' 'a c' hf i' j Y' Uf' U' Yf' bUf f  
5' \_' f] ] f i b' Ug] h] z' \_UV' c' Uf i' j Y' gY' dUg  
A c' hf V' c' \_' gi m' ' i' gh' W' gi  
uY' ] : UgY' j Y' h' fY' ] a ' b' YnY' W' Y' U' \_cn' Uf' UgYnY' YbY [ fY' nU' \_ih' U' b' j  
9gbY' \_nU' \_ih' VU' ' Ubh' \c' f' i a ' Uf i  
HY' \_nU' \_iz' j Y' < nU' \_ihA' ' g' ibiZi' U' Yf' bUf f  
9bX' ' gh' f' nY' ' \_UdUg] YXY' gi' gh' fi W' j Y' YgbY' \_' , Y' ] \_ca dYbgUf f  
9' Y' \_f' cb' ] \_U' \_' Uf' V' U' ni  
' i ' 'Uba U' j Y' a c' b' U' ^' \_' U' j i ni

## >9B9F 5Hx F '8CB5B-A 'G9u9B9?@9F

### MOTOR

! 'MU' \_ih' gi' ' Um' i' WZ] fY  
! '8' \_' \_' gi' ' gY' ] nYg] ] U' Ufa i'  
! 'MU' ' i' gh' W' gi'

### ALTERNATÖR

! '-gih' WZ' fi' h' VYh' ' b' YnY] V  
- Büyük güçte alternatör  
! 'u' i' \_' U' Yf]

### KONTROL PANOSU

! 'I' nU' \_h' U' b] ] Yf] ] a j Y' \_c' b' f' c'  
! 'I' nU' U' U' Ufa' d' U' b' Y]  
! '5' Ufa' ; ] \_' ' f' Y' Yf]  
! 'I' nU' \_h' U' b] ] Yf] ] a z' a c' X' Ya ] Y  
! 'H' c' d' U' \_' U' U' iz' Y' \_' YbYfUf f  
! ' Uf' Ua' d' Yfa YfYg]

### YARDIMCI DONATILAR

! 'C' tca Uf] \_' j YnU' a Ubi Y' nU' \_ih' Xc' i a ' g' gh' Ya ]  
! 'MU' ' Vc' U' ha U' z' Y' d' ca d' U' g  
- Egzoz susturucusu, meskûn mahal tip  
! 'A' i' \Uz] nU' \_UV] b] / gYg' nU' \_ihA' ' i' h' d' j YnU' U' , i' \_U' Ub' h' d  
! '< U' j U' \_Ub' U' i' U' X' U' d' h' f' ' f' f' U' X' nU' f' ' b' ' t  
! 'A' c' hf i' ' d' U' b' f' f' U' j U' [ ] j Y' ; ] \_' ' X' Yj fYg] t  
! 'GYg' nU' \_ihA' ' i' \_Ub' U' ' f' U' j U' [ ] j Y' ; ] \_' ' X' Yj fYg] t  
- Römorklar  
! '5' Yh' U' \_ia' i' f' VU' \_ia' ] ] b' t  
! '% \$ \$ \$ \$ ; U' i' a U' g' U' U' h] ] ] b' VU' \_ia' ' g' Yf]  
! '5' b' h' Z] n' j Y' a c' hf m' U' ' Ua' U' nU' ' i' f' ' \$ \$ 7 ; Yj fY' g' i' VU' \_i' i' ] ] b' t  
! '5' \_' ' Ub' U' h' U' f' i  
! '5' b' U' MU' \_ih' U' b' \_i  
! ' YVY\_Y' #>YbYfUf f' f' U' b' g' Z' f' d' U' b' c' g' i'

### TRANSFER PANOSU

- Üç kutuplu kontaktör  
- Dört kutuplu kontaktör  
! 'A' c' hf i' \_' U' Yf]

## AC 170

Motor : Cummins  
Alternatör : Mecc Alte  
Kontrol Sistemi : P 732

### 8 N9@A C H C F 'x N9@@? @9F

Üretici		Cummins
Model		6BTAA5,9G7
G]j]bX]f] Y' H U g U f i a		* G]j]bX]f] Z G i f U ' i H] d
Hava Emme		H i f v c ' U F ' y j Y ' 5 f U ' G c i h W ' i
Maksimum Standby Güç		1500 d/dk
		160,00 kw [215,00HP]
Toplam Silindir Hacmi	L	5,900
Çap ve Strok	mm	102x120
G i j h i f a U ' C f U b i		16,5:1
Norminal Devir	d/dk	1500
Governör Tipi		Elektronik
M U ' ? U d U g] Y g]	L	16,40
Su Kapasitesi	L	21,40
Emilen Hava Debisi	m <sup>3</sup> /dk.	12,40
Radyatör Hava Debisi	m <sup>3</sup> /dk.	162,00
Egzoz Gaz Debisi	m <sup>3</sup> /dk.	32,50
9 [ n c n ; U n ' G i W U _ i i	° C	533,00
Elektrik Sistemi		12 V d.c.
M U _ i h H ' _ Y f i a ]	Yük	%100 %75 %50
	L/sa	37,00 29,00 19,00

### 5 @ H 9 F B 5 H x F ' x N 9 @ @ ? @ 9 F

Üretici		Mecc Alte
Modeli		ECP34 3L/4
Frekans	Hz	50
Güç	kVA	160,00
H U g U f i a		: i f, U g i n z ( ' _ i h d ' i
Cos fi		0,80
: U n ' G U n i g i		3
Voltaj	V	400/230
5 _ i a	A	231,00
M U i h a ' G i b i z		H
e j i M _ g Y ' a Y g]		H
Stator		& # ' U X i a
Rotor		H Y _ ' M U H _ i ' 9 g b Y _ ' 8 ] g _ ]
_ U n ' G ] g Y a ]		Elektronik ( AVR )

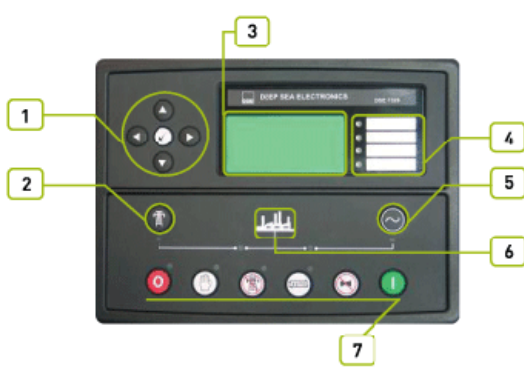
### 6 C M H j Y ' 5 ₺ @ ?

5, i _ ; f i d	? i f i ' 5 i f i _ kg.	Boy mm.	En mm.	Yükseklik mm.	M U _ i h 8 Y d c ? U d U g] Y g]
AC 170		2750,00	1300,00	1751,00	470,00
Kabinli Grup	? i f i ' 5 i f i _ kg.	Boy mm.	En mm.	Yükseklik mm.	M U _ i h 8 Y d c ? U d U g] Y g]
MS 60	2270	3960	1356	2097	470

# AC 170

Motor : Cummins  
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Kontrol Sistemi : P 732

## 1 P 732 - Kontrol Sistemi



- 1 A Yb~ 'bUj ][ Ugncb 'Vi hcb'Ufi
- 2 YVY\_Y'j Y'fUbgZf'Vi hcbi
- 3 @78 'jY' ] 'Yha Y'Xi fi a 'Ufi'j Y'' , a Y [ " gYf[ Y'Yf]
- 4 5finU'U'Ufa '@98fYf]
- 5 Jeneratör ve transfer butonu
- 6 Durum Led'leri
- 7 uU'i a U' 'Y\_] 'gY, a Y Vi hcb'Ufi

## 2 Cihazlar

8G9ž'a cXY''+ ' &\$'C hca UH\_ ' YVY\_Y'5finU'jnYa Y'j Y'YbYFUH' f\_cbfhc''a cX''  
9'Y\_fcb]\_U\_'' Uf'V\U'ni  
5VY'Xi fXi fa U'Vi hcbi 'j Y'\_cbfhc''XY' fY'Yf] , ]b'g][ cftU'Uf

## 3 Müdi'j Y'6cniU

7 ]\Un'Uf , Y ]\_gUWU'ub ]a U'YX]a ] 'dUbc'\_UV]b]bY'a cbHU'ntüdi'if''Dübc'gUWZc'gZU'h\_]a ntUgU'i']Y'\_Ud'UbUfU'\_gUW  
m' nYm]\_cfcnc'buX]fYb , ]\U'Y [ Y'h]f]f''Dc'mYgYfV]Y ]\_hcn'VcnU'j Y'Zfib'Ua U' ] 'Ya ]]Y'dUbc'\_UV]b]bY'gcb'XYfYW  
XUnubi\_'i'VcnU'ntüdi'if''? ]h]j Y'a YbY' Y']dUbc'\_UdU 'i']Y'V\Un'UfU'i 'U a U'\_c'UmXif''

## 4 Montaj

? cbfhc''dUbcgi ž'YbYFUH' f [ fi Vi ' U'g]'' nYf]bXY\_] 'gU 'Ua ; Y ]\_UnU'\_Uf'j YntU' [ , ; ]\_i 'Y'Yfa ]bU'a cX'''' nYf]bY  
a cbHU'ntüdi'if''  
DUbcž'YbYFUH' f [ fi Vi bi b'ntü'buFUZbUZ [ " n\ ]nUgi'gYj ]nYg]bY nYfY 'h]f]f''

## 5 Jeneratör Kontrol Ünitesi

8G9'+ ' &\$  
&&\$'\_j 5 j Y'' nYf] 'YbYFUH' f [ fi d'Ufia 'nXU'8G9+' &\$'\_cbfhc''g]gY'a ]ghUbXUfXif''9'Y\_fcb]\_j Y'Y'Y\_fcb]\_c'a Untub  
[ Un] Y'X]nY'a c'cf' 'YbYFUH' f [ fi d'Ufibib'c'ca UH\_ 'c'UfU\_ , U'i h'fi'a Ugi'j Y'Xi fXi fi 'a Ugi' , ]b'fUgUf'Uba 'i' hif''  
5nfiW'a cX'' YVY\_Y'j c'fU'fbi'j Y'ZfY'\_Ubgibi'jn'Yf'j Y'nYXY'\_YbYFUH' f [ fi Vi ]Y'cbU'VU 'i [ , 'fUbgZf'g]gY'a ]b  
\_cbfhc''YXYf''

### Standart Özellikler

A ]\_fc' ] 'Ya W]Y'\_cbhc''ntüdi'a 'i' Xif  
% &I '\* ( 'd ]\_gY'ž@78 [ " gYf[ Y ]Y'V] [ ]Yf'\_c'Um'i'\_U'c\_ ] bi f  
A cX'''' b'dUbY'j]bXY'j YntU'D7 j Y'ntüdi'ia 'i'j Ugi'fUgimU'dfc[ fUa 'Ua U  
M a i U\_ 'h' 'i' 'a Ya VfU'b'\_Uj mY'j Y'VY 'h' 'i' 'a Yb~ 'bUj ][ Ugncb  
9h.YfbYhj Y'F G& ' &ž'F G( , ) j Ugi'fUgimU'i nU'\_hUb']Yh] 'ja j Y'GA G ]Y'fUdcf'U'a U  
HUf] j Y'gUUh]Y'\_UmihXYZf]bXY'UfinU'c'Um'i'f] \$E [ " gY'fa Y  
uc\_'i' fUf] \ ] Y'gUUh]Y'a c'cf'Y [ nYfg]n'Xi fi a i ] Y'VU\_'ia 'dfc[ fUa i  
? cbfhc''h' 'Ufi. 'Ghcdž'A Ubi Y'ž'c'ca UH\_ ž'HYghž'GHUfž'GYgg]n'#@Ua VU'fYghž  
>YbYFUH' fY'fUbgZf'ž' YVY\_Y'mY'fUbgZf'ž'A Yb~ 'bUj ][ Ugncb  
A c'cf'V'c\_'gi m'i'gihW'\_cbfhc''

# AC 170

Motor : Cummins  
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Kontrol Sistemi : P 732

## Ölçme Göstergeleri

A C H C F  
A c h c f X Y j ] f ]  
M U \ V U g i b W  
G i ' g i W \_ i i  
u U i ' a U g U U j  
5 \_ j c ' U i ^  
A c h c f V U \_ j a ' n U a U b i [ Y ' a ]  
> 9 B 9 F 5 H x F  
J c ' U > f @ / @ z @ B t  
5 \_ j a f @ / @ z @ B t  
: f Y \_ U b g  
H c d f U \_ \_ U , U i  
\_ K  
7 c g ]  
\_ J 5 f  
\_ K \ z \_ J 5 \ z \_ J 5 f  
: U n g i f U g i  
9 6 9 ? 9  
J c ' U > f @ / @ z @ B t  
: f Y \_ U b g

## Koruma Devreleri

? 5 N  
U f ^ U f i n U g i  
8 ^ \_ \_ U \_ j c ' U i ^  
G h c d ' U f i n U g i  
8 ^ \_ \_ n U \_ i h g Y j ] n Y g ] f t c d g t  
\_ K \_ U i f i m \_  
H Y f g Z J n g i f U g i  
< i n g ] b m U ] \_ U n i d  
x B ! 5 @ 5 F A @ 5 F  
8 ^ \_ \_ n U \ V U g i b W  
M \_ g Y \_ a c h c f g i W \_ i i  
8 ^ \_ \_ a c h c f g i W \_ i i  
8 ^ \_ \_ # M \_ g Y \_ a c h c f \ i n i  
8 ^ \_ \_ # M \_ g Y \_ Y b Y f U h f Z Y \_ U b g i  
8 ^ \_ \_ # M \_ g Y \_ Y b Y f U h f j c ' U i ^  
9 7 I \_ ] U n  
8 I F 8 I F A 5 ' 5 @ 5 F A @ 5 F =  
G h f h U f i n U g i  
5 W g h c d  
8 ^ \_ \_ n U \ V U g i b W  
M \_ g Y \_ a c h c f g i W \_ i i  
8 ^ \_ \_ g i ' g Y j ] n Y g ]  
8 ^ \_ \_ # M \_ g Y \_ a c h c f \ i n i  
8 ^ \_ \_ # M \_ g Y \_ Y b Y f U h f Z Y \_ U b g i  
8 ^ \_ \_ # M \_ g Y \_ Y b Y f U h f j c ' U i ^  
M U \ V U g i b , U [ i ' U n i W U , i \_ X Y j f Y  
: U n m b  
9 @ 9 ? H F ? G 9 @ 5 u A 5  
H c d f U \_ \_ U , U i  
\_ K \_ U i f i m \_  
> Y b Y f U h f U i f i U \_ j a  
H Y f g Z J n g i f U g i

## Opsiyon Özellikleri

M \_ g Y \_ n U ' g i W \_ i i ! X i f X i f a U  
8 ^ \_ \_ n U \_ i h g Y j ] n Y g ] ! X i f X i f a U  
8 ^ \_ \_ n U \_ i h g Y j ] n Y g ] ! U U f a  
M \_ g Y \_ n U \_ i h g Y j ] n Y g ] ! U U f a  
; 9 B @ 9 A 9 ' A C 8 y @ 9 F  
' U j Y @ 9 8 ' a c X ' ' f & ) ( , t  
; Y b ] ' a f ' ' Y ' a c X ' ' f & % ) + t  
; Y b ] ' Y a [ ] f ] ' a c X ' ' f & % \$ t

## Standartlar

9 Y Y \_ h f ] g Y ' ; ' j Y b ] \_ # 9 A 7 i n i b i \_  
6 G 9 B \* \$ - ) \$ 9 Y \_ h f ] \_ ] ] V \ U n ' U f i  
6 G 9 B \* % \$ \$ ! \* ! & 9 A 7 ' a i U Z n Y h  
6 G 9 B \* % \$ \$ ! \* ! ( ' 9 A 7 ' Y a ] g n c b g h U b X U f i

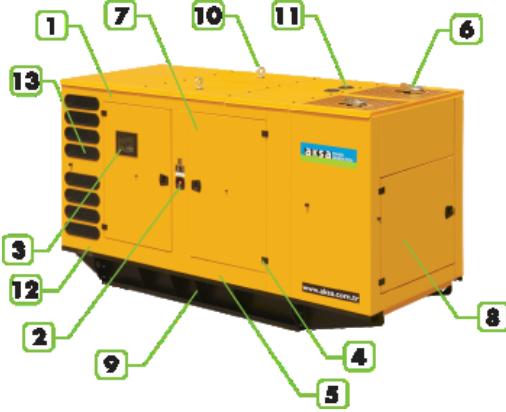
## 9 Y \_ h f c b ] \_ 5 \_ ' U f ^ 7 ] U n i

5 \_ ' U f ^ V \ U n i ' g k ] h \ ] b [ ! a c X Y j Y ' G A 8 ' Y \_ b c ' c ' g ] ] Y ' ' f Y ] a ] X ] f j Y ' m \_ g Y \_ j Y f ] a Y ' g U \ ] d h f "  
5 \_ ' z j ! ' = \_ U f U \_ h f ] g h \_ Y f ] g ] b Y [ ' f Y ' U f ^ Y X ] ] f "  
7 ] U n ; i \_ i \_ i g U X Y j f Y n Y \_ U f i \_ c f i b a i h f "  
& ( \$ ) ' U f ^ V \ U n i z ' ] b Y Y f ' U f ^ V \ U n U f i b U [ ' f Y X U \ U j Y f ] a ' z i n i b " a ' f ' z U f i n U c f U b i ' X U \ U X ' ' \_ z \ U Z j Y ' i g i n U m a U g i ' , c \_  
X ' \_ h f  
H Y f g \_ j h i d ' V U ' U b h g i b U \_ U f i \_ c f i b a i h f  
' U f ^ U f i n U g i , i \_ i ' a Y j W h i f "  
; ] f ] j c ' U i ^ : % , ! & \* ( J "  
u i \_ ' U \_ j a i . & + z ' j Y n U % z j ) 5 "

# AC 170

Motor : Cummins  
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Kontrol Sistemi : P 732

## MS 60 - Kabin



- 1 uY\_l'gUVXUb'müdi
- 2 Acil durdurma butonu
- 3 ? cblfc''dUbcgi 'gU 'hUFUZU' UgYm'ya cbU'Y
- 4 ? cfcncbU'XUtbü't'']hj Y'a Yb'Y Y'Yf
- 5 MU 'Vc U'fa U'a ctef''nYf]bXY j UbU']Y
- 6 Egzoz sistemi kabin içinde, gizli
- 7 <Yf']nÜb hUFUZU'VU\_ia t'\_c'UmU hfUb'\_']hYbYV]f[Yb] '\_Udi'Uf
- 8 x b'j Y'Uf\_UXU'VU\_ia t'\_c'UmU hfUb'\_']hYbYV]f[Yb] '\_Udi'Uf
- 9 8Ydc! UgY
- 10 ? U'Xifa U'j Y'U' ia U'bc\_hUgiz' UgY'j YntU'\_UV]b''nYf]bXY
- 11 F UXntU' f'gi 'Xci'a i j Y'ntU 'Xci'a i j, ]b'\_Udu
- 12 GYg'nÜ'ihia 'a U'nYa Y'Yf]
- 13 D'Ugh'\_\Uj U'Ya ] 'Wd'Yf]

## y f' b' < U\_übXU

GYg'nÜ'ihia 'ij Y' ? cfi ni W ? UV]b'Yf'5\_gU'YbYfU' f [ fi d'Ufi' ], ]b\_U'j gh'\_a ' \YbX]g'Yf]hUFUZbXUbz'ncf\Uj U'j Y', Yj fY U'fhU'fibiU' i m' i b [ Y ] h'f]Yb'gYg'nÜ'ihia 'iz'\_cfi a U'\_UV]b'Yf]/XYU'gYg'gY ]nYg]j Y'\_cfi a U'gU 'U'ntU'W'\_ Y\_]XY hUgU'U'bi'U'f'5\_gU'\_UV]b'Yf]z'dUf, U'dUf, U'g''\_YV]f]za cX' Yf'müdiXUz [ fi VU'\_c'UmigYf] ]g'j Y'VU\_ia 'ntUdU]a Y'j Y', U'i hi 'i n'YfXY'dUf, U'XY ' ] ja ]b'Y'c'UbU'\_gU 'U'f'5nbi'nUa UbXU'YbYfU' f [ fi Vi bi b', Yj fY'gi'W'\_i 'ibU [ " fY'gc 'i ha U'dYfZ'fa Ubgi'j Y [ ' , ; , ] ' XY Yf]bXY '\Y'Ub [ ] g'j ]n'Y'X' ' ' ' ' ' a YnXUbU [ Y'ha YnY'W'\_müdiXU'c'a UgibU'X]\_U'hYX]YfY'\_UV]b'Yf'X]nU'nb YX]a ] X]f' ? UV]b'Yf]b', Yj fY'gi'W'\_i 'ij Y'gYg'gY ]nYg]j m' i b i ' i ], ]b'df'ch'd' h'ghYf] müdi'Xi'\_hUb'gcbfU'' fY]ja ]ntü'di'a i h'f

## Standart Özellikler

8'' '\_dfcZ']j Y'\_Ud'Ua U'U'U'bi'Unz'f]ca dU'\_h'UgU'fia  
? UV]bz'YbYfU' f'gYh'z'Y [ ncn'g]ghYa ]j Y'ntU'\_ihXYd'c'gi 'Z' Ug]h'Y'\_dU'Yhc'U'fU'\_gY]\_YX]Y'W'\_ Y\_]XY'z'V]fV]f]b]V' h' b'YnY'W'\_ j Y'\_c'Uma cbU'U' ], ]b [ Y ] h'f]a ] h'f'  
? ja ntUgU' h'Ya ]n'Ya Y ] 'Ya ]bXYb [ Y, ]f]Yb'z'\_UV]b', Y'\_l'gU'WdUf, U'U'f'iz'dc'nYg'h'f' h'cn'V'cnU'mU'\_Ud'Ubif'j Y'Z'f'ib'Ubif  
5 Yj ' " b'Yn'Y'ntU'ihia 'g' b [ Yf]  
GYf] ]g'bc'\_hU'U'f'ibU'\_c'UmYf] ]a  
? UV]b ], Yf]g]bXY Y [ ncn'g]ghYa ] j Y'ig'i'ntU'ihia 'i '\_hUFUZU' [ Yb ] '\_Udi'Uf  
? ]h] '\_Udi'' nYf]bXY' YZUZdYbW'fYXYb'\_cblfc''dUbcgi bi ]n'Ym'V]a Y  
? UV]b]b'Xi 'ibU'a cbU'U'Y'U'W'gh'ed Vi h'ebi  
Gc 'i ha U'Z'bi'j Y' U'f'U'Y'f'ibU' f' 'Xc'j ba U'ntU'\_Uf 'i'\_cfi ba i ' h'f  
? ]h'YbYb'\_Udi']Y'ntU'\_ihXc'i a i j Y'U'\_ n'Y'Yf] ]a  
Ug]j Y'\_UV]b'' nYf]bXY'\_U'Xifa U'bc'\_hU'U'fi  
GYg'nÜ'ihia '\_UV]b'] [ fi d'U'f'ib'gYg'h'gh] &\$\$\$#% (#97 n'Y' i m' i b' c'U'fU'\_Gni h'gh'U'fUZbXUb'XYbYh'Yba Y'\_h'X]f'

En	mm.	1356
Boy	mm.	3960
Yükseklik	mm.	2097
MU_ihHUb_? UdUg]hYg]	L	470