

# AVP 350

Motor : Volvo Penta  
 Alternatör : Mecc Alte  
 Kontrol Sistemi : P 732



## ISO8528

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

## SZUTEST

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



6i 'YbYfUhf f [ fi Vi '79'gYfhZ\_U' UfhUfibiU'i m] i bXi f

## 2000/14/EC

GYG'mUih'a ' \_UV]b' ] [ fi d'Ufz&\$\$#/( #7 '5j fi dU' [ ' f' h' 'm bYfa Y' ] bY [ " fY' hYghYX] ]f"

u[ ] ; 'WZ' !: Untz) \$<nz; : '\$z

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kw	kVA	kw	Amp
400/230	350,00	280,00	320,00	256,00	461,90

Standby Güç (ESP): ; 'jYb]f' YVY\_Y' \_UnbU 'ibib'\_Yg]a Yg]Xi fi a i bXUZY ] \_YbYY\_hf\_]m\_Y [ , 'fYa ]b\_Yfa YXY'\_i 'Ubrif'9GDz-GC , ) & , 'Yi ni a i Xi f'5 ifi m\_Ya YnY' ]n]b] Yf]a Ya ] hf"

Prime Güç (PRP): 8Y ] \_YbYY\_hf\_]m\_Yz [ , 'fYa ]b\_Yfa YXYZmi'\_gibifgin' , U' a U gUUh] ]b ] 'Ubrif'DF DZ-GC , ) & , 'Yi ni a i Xi f' -GC' \$( \* mU [ " fY' %&gUUh, U' a U dYf]ncXi bXU%gUUh%\$! 'U ifi m\_Ya Y ] ]b ] 'Ubrif"

### GH5B85FH'x N9@@?@9F

Gi 'gc i' ha U' iX]nY' a ctefF Uxnhf f j Y'a Y\_Ub'\_Zub'8' bYb] j Y giVW'\_dUf, U'UFU'Xc\_i ba Umi' b'YnYb'\_c fi mi W'\_UZ]g'9\_Y\_hf\_]a Uf 'a ctef j Y' Uf^U'YfbUhf f' 5'\_f] f i b Ug]hZ'\_UV'c Ufi j Y'gY'dUgi'A ctefV'c\_gi mi 'igihVgri'U\_Y'\_ UgY j Y'hfY ]a " b'YnY'YbY [ fY nU'ihU'j'9gbY'\_nU'ihVU 'Ubh \cfh'a 'Ufi'HY'\_nU'iz] Y'< nU'ih'a 'gibiz'U'Y'fbUhf f'9bX' gfh]nY' \_UdUg]hYXY' gi gh fi W j Y'Ygb'\_Y'\_ca dYbgUhf f'9\_Y\_hfcb'\_U'\_ Uf^VX'Uni?' i 'Uba U j Y a cbU'\_Uj i ni ; fi d'Ufih ZY'\_Ubg] Y j c'U'fY [ 'Ugn'cbi 'GC , ) & , ! ) Yi ni a i B: D5%\$U [ cY'i %\$\$m'\_U'Xifa U\_hUxi"

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

#### MOTOR

! 'MU'ihgi' UmifWZ]hfY  
 ! 'MU'igihVgi

#### ALTERNATÖR

! '-gihVZ fi h' Vh' b'YnY'  
 - Büyük güçte alternatör  
 - PMG ikaz sistemi + AVR  
 ! 'u' ] ' U'Yf]

#### KONTROL PANOSU

- Otomatik senkronizasyon ve güç kontrol sistemi (çoklu paralel jeneratör)  
 ! ' YVY\_Y' ]Y' g' fY'\_ ]dUfUY' ]g]hYa  
 ! ' YVY\_Y' ]Y [ Y , ] 'gyb\_fcbi' g]hYa ]  
 ! ' nU' U'U'Ufa' dUby'  
 ! '5 Ufa ; ]\_ ] ' Y'Yf]  
 ! ' nU'\_hUb ]Yh ]a za cXYa ]Y  
 ! 'HcdfU'\_U, U izfY'\_YbYfUhf f  
 ! ' Uf^Ua dYfa YfYg]

#### YARDIMCI DONATILAR

! 'C'ha U'h ] YnU'a Ubi Y' nU'ihXci a 'g]hYa ]  
 ! 'MU' Vc' U'ha UzY'Y\_hf\_]dca dU  
 ! '8' ]\_ ] Y m'\_gY'\_nU'ihgYj ]nYg] U'Ufa i  
 - Egzoz susturucusu, meskün mahal tip  
 ! 'A i \UZ]nU'\_UV]b] /gYg' nU'ih'a ] h]d j YnU'U, i'\_U'Ub' h]d  
 ! '< Uj U'\_UbU' i'UXUdh f' ffUXnhf f' b' t  
 ! 'A ctefi' dUb' f' fU'Uj U [ ] j Y , ]\_ ] 'XYj fYg] t  
 ! 'GYg' nU'ih'a ]\_UbU' fU'Uj U [ ] j Y , ]\_ ] 'XYj fYg] t  
 ! '5'YhU'ia i' fVU'ia ] ]b t  
 ! '% \$\$\$ \$\$\$ , U' a U'gUUh] ] ]b VU'ia 'gYh  
 ! '5b hZ]n j Y'a ctef mU' 'Ua U nU' i' f' '\$\$7 ; Yj fY' giVW'\_i' i' ]b t  
 ! '5bU' MU'ihHUb'\_i

#### TRANSFER PANOSU

- Üç veya dört kutuplu transfer sistemi  
 ! 'y , j YnU'X' fh ] h' d' i' a ctef i ; ]\_ ] ' U'Yf]

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

Üretici		Volvo Penta		
Model		TAD1341GE		
G]bX]f] Y' HUgUfia		* G]bX]f]žGifU'iH]d		
Hava Emme		Hi fVc' UF'Y] Y'5fU'Gc i h W'i		
Maksimum Standby Güç		1500 d/dk		
		308,00 kw [419,00HP]		
Toplam Silindir Hacmi	L	12,780		
Çap ve Strok	mm	131X158		
Güç Hava U'Ç fUbi		18,1:1		
Norminal Devir	d/dk	1500		
Governör Tipi		Elektronik		
MU' ? UdUg]Yg]	L	36,00		
Su Kapasitesi	L	44,00		
Emilen Hava Debisi	m <sup>3</sup> /dk.	24,10		
Radyatör Hava Debisi	m <sup>3</sup> /dk.	414,00		
Elektrik Sistemi		24 V d.c.		
MU_ihH' _Y]a ]	Yük	%100	%75	%50
	L/sa	63,10	48,30	33,40

## 5@H9F B5Hx F ' x N9@@? @9F

Üretici		Mecc Alte		
Modeli		ECO38 3LN/4		
Frekans	Hz	50		
Güç	kVA	350,00		
HUgUfia		: if, Uginž( ' _i h d'i		
Cos fi		0,80		
: Un'GUnigi		3		
Voltaj	V	400/230		
5_ia	A	505,00		
MU'ihia 'Gibiž		H		
_Un'G]g]Ya ]		Elektronik ( AVR )		

## 6CM H'j Y'5 ₺ @?

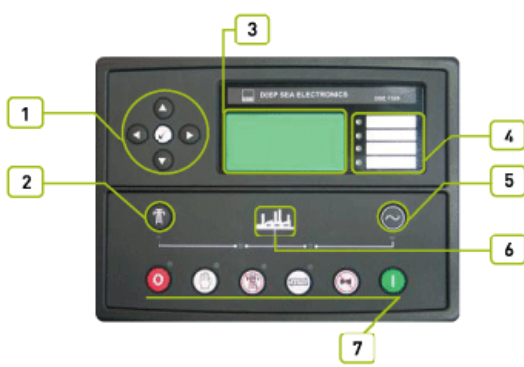
5, i_ ; fi d	?i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
AVP 350		3048,00	1550,00	1855,00	700,00
Kabinli Grup	?i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
MS 70	3930	4460	1606	2477	700

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## 1 P 732 - Kontrol Sistemi



- 1 A Yb~ 'bUj ][ Ugnrcb 'Vi hcb'Ufi
- 2 YVY\_Yj 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 uUi a U' Y\_]gY, a Y Vi hcb'Ufi

## 2 Cihazlar

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

## 3 Müdi'j Y'6cniU

7 ]\Un'Uf , Y ]\_gUWUba ]a U'YX]a ] 'dUbc'\_UV]b]bY'a cbHU'ntüdi'if''Dübc'gUWZc'gZU'h\_]a ntUgU'i']Y'\_Ud'UbUfU'\_gUW  
m'nYmj'\_cfcncbU'X]fYb , ]\U'Y [ Y'hj]f''Dc'mYgYfV]Y ]\_hcn'VcnU'j Y'Zf'ib'Ua U ] 'Ya ]]Y'dUbc'\_UV]b]bY'gcb'XYfYVW  
XUnübi\_'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

? cbhfc''dUbcgi ž'YbYfUht f [ fi Vi ' Ug]g]''nYf]bXY\_]gU 'Ua ; Y ]\_Unü'Ufj YntU [ , ; ]\_i 'Y'Yfa ]bU'a cX''''nYf]bY  
a cbHU'ntüdi'if''  
Dübcž'YbYfUht f [ fi Vi bi b'ntü'U'fUZbUZ [ " n\ ]nUgi'gYj ]nYg]bY'nYfY 'h]j]f''

## 5 Jeneratör Kontrol Ünitesi

8G9'+ ' &\$  
&&\$'\_j 5 j Y''nYf] 'YbYfUht f [ fi d'Ufia 'nXU'8G9+' &\$'\_cbhfc''g]gY'a ]ghUbXUfXif''9'Y'\_fcb]\_j Y'Y'\_fcb]\_c'a Unü'ub  
[ Unj'Y'X]nY'a ctef' 'YbYfUht f [ fi d'Ufibi'c'hca UH\_'c'UfU\_', U'i hifi'a Ugi'j Y'Xi fXi fi 'a Ugi' ], ]b'UgUf'Uba 'i' hif''  
5nfiW'a cX'' 'YVY\_Yj c'U'fbi'j Y'ZfY'\_Ubgibi'jn'Yfj Y'nYXY\_'YbYfUht f [ fi Vi ]Y'cbU'VU 'i [ , 'f'UbgZf'g]gY'a ]b]  
\_cbhfc''YXYf''

### Standart Özellikler

A ]\_fc' ] 'Ya V\]Y'\_cbhfc''ntüdi'a 'i Xif  
% &I '\* ( 'd ]\_gY'ž@78 [ " gYf [ Y ]Y'V ] [ ]Yf'\_c'Unı'\_U'c'\_i bi f  
A cX'''' b'dUbY]bXYb j YntU'D7 j Y'ntü'ia 'i'j Ugi'UgimU'dfc[ fUa 'Ua U  
M a i U\_'h' 'i 'a Ya VfU'\_'Uj mY'j Y'VY 'h' 'i 'a Yb~ 'bUj ][ Ugnrcb  
9h.YfbYhj Y'F G&' &ž'F G( , ) j Ugi'UgimU'i nU'\_hUb']Yh ]a j Y'GA G ]Y'fUdcf'U'a U  
HUf ] j Y'gUUh]Y'\_UmihXYZf]bXY'UfinU'c'Umı'f] \$E [ " gY'fa Y  
uc\_'i 'Uf] \ ] Y'gUUh]Y'a ctef'Y [ nYfg]n'Xi fi a i ] Y'VU\_'ia 'dfc[ fUa i  
? cbhfc''h' 'Ufi. 'Ghcdž'A Ubi Y'ž'c'hca UH\_ž'HYghž'GHf'ž'GYgg]n'#@Ua VU'fYghž  
>YbYfUht fY'f'UbgZf'ž' YVY\_YnY'f'UbgZf'ž'A Yb~ 'bUj ][ Ugnrcb  
A ctef'V'c'\_gi m' 'igihW'\_cbhfc''

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## 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

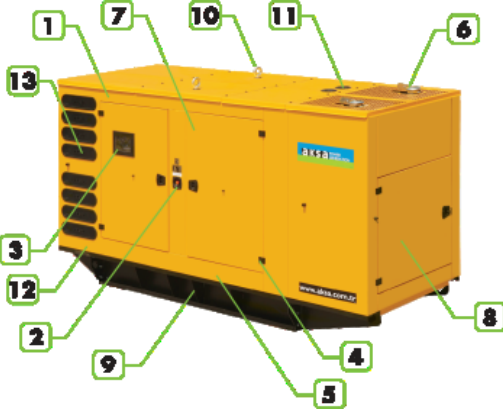
5 \_ ' ' U f ^ V U n i ' g k ] h W ] b [ ! a c X Y j Y ' G A 8 ' H Y \_ b c ' c ' g ] ] Y ' ' f Y ] a ] X ] f j Y ' m \_ g Y \_ j Y f ] a Y ' g U \ ] d h f "  
5 \_ ' z J ! ' = \_ U f U \_ h Y f ] g h \_ Y f ] g ] b Y [ ' ' f Y ' U f ^ Y X ] ] f "  
7 ] \ U n i , i \_ i \_ i g U X Y j f Y n Y \_ U f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

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## MS 70 - Kabin



- 1 uY\_l'gUVØUb'ntüdi
- 2 Acil durdurma butonu
- 3 ? cblfc'dUbcgi 'gU 'hUFUZU' UgYm'ya cblU'y
- 4 ? cfcncbU'XUntübi\_t\_t\_]hj Y'a YbY 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 hifUb\_]hYbYV]f[Yb] '\_Udi'Uf
- 8 x b j Y'Uf\_UXU'VU\_ia t\_c'UmU hifUb\_]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 h f gi 'Xci a i j Y'ntU 'Xci a i ],]b'\_Udu
- 12 GYg'nÜ'ihia 'a U'nYa Y'Yf]
- 13 D'Ugh\_l'\Uj U'Ya ] 'Wd'Yf]

## y f' b'<U\_übxU

Gyg'nu'ihia t'ij Y?' cfi ni W ? UV]b'Yf'5\_gU'YbYfU h f [ fi d'Ufi ],]b\_U\_i gh\_ 'a '\YbX]g'Yf]hUFUZbXUbzncf\Uj U j Y', Yj fY UfhUfibU'i m'i b [ Y ] h f ]Yb'gYg'nÜ'ihia iz\_cfi a U'\_UV]b'Yf/]XYU'gYg'gY j nYg]j Y'\_cfi a U'gU 'UnUWU'\_ Y\_]XY hUgUfUbifU'f'5\_gU'\_UV]b'Yf]z dUf, U dUf, U g''\_ 'YV]f'za cX' Yf'ntüdiXUz [ fi VU\_c'UmigYf] ]g j Y'VU\_ia 'ntüDUV]a Y j Y', U'i h' i n'YfXY'dUf, U'XY ] ]a ]b'Y'c'UbU\_gU 'U'f'5nbi'nUa UbXU'YbYfU h f [ fi Vi bi b ], Yj fY'giWU\_t\_i 'ibU [ ' fY'gc i 'fa U'dYfZc'fa Ubgij Y [ ', ; ]\_t 'XY Yf]bXY'\Y'f'Ub [ ]gY ]n'Y'X' ' ' ' ' a YnXUbU [ Y hfa YmYW\_'ntüdiXU'c'a UgibU'X]\_U'hYX]YfY'\_UV]b'Yf'X]nUmb YX]a ] X]f' ? UV]b'Yf]b', Yj fY'giWU\_t\_i j Y'gYg'gY j nYg]i m'i b i i ],]b'dfc'h'd h'ghYf]ntüdi'Xi\_hUb'gcbfU''fY]a ]ntüdi'a i h'f

## Standart Özellikler

8' ' ' \_dfcZ'] j Y'\_Ud'Ua U'U'ubi'Unz'f]ca dU\_h'k'UgUfia  
? UV]bz'YbYfU h f gYh'zY [ ncn'g]ghYa ] j Y'ntU\_ihXYd'cgi ž Ug]h'Y'dU'Yhc'UfU\_gYj \_YX]YW'\_ Y\_]XYZV]fV]f]b]V' h b'YnYW\_  
j Y'\_c'Uma cblU'a ],]b [ Y ] h f ]a ] h'f'  
? ]a ntUgU'hYa ]n'Ya Y ] 'Ya ]bXYb [ Y, ]f]Ybz'\_UV]b', Y\_l'gUWdUf, U'Uf'iz'dc'nYg'h'f'hc'n'VcmUmU'\_Ud'Ubif j Y'Zfib'Ubif  
5 Yj ' b'Ym]Y'ntü'ihia 'g'b [ Yf]  
GYf] ]g'bc\_hU'UfibU'\_c'UmYf] ]a  
? UV]b ], Yf]g]bXY Y [ ncn'g]ghYa ] j Y'igi'ntü'ihia i  
\_ ]hUFUZU [ Yb ] '\_Udi'Uf  
? ]h] '\_Udi'' nYf]bXY' YZUZdYbW'fYXYb'\_cblfc'dUbcgi bi ]n'YmYV]a Y  
? UV]b]b'Xi 'ibU'a cblU'y'UWY'ghcd Vi h'cbi  
Gc i 'fa U'Zbi j Y' Uf'U'hYfbU h f 'Xc\_i ba UntU'\_Uf t'\_cfi ba i h'f  
? ]hYbYb'\_Udi']Y'ntU\_ihXc'i a i j Y'U'\_ nY'Yf] ]a  
Ug]j Y'\_UV]b'' nYf]bXY'\_U'Xifa U'bc\_hU'Ufi  
GYg'nÜ'ihia '\_UV]b] [ fi d'Ufib'gYg'h'gh]'&\$\$#% (#7 nY'i m'i b'c'UfU'\_Gni h'gh]hUFUZbXUb'XYbYhYba Y\_h'X]f'

En	mm.	1606
Boy	mm.	4460
Yükseklik	mm.	2477
MU_ihHUb_? UdUg]hYg]	L	700