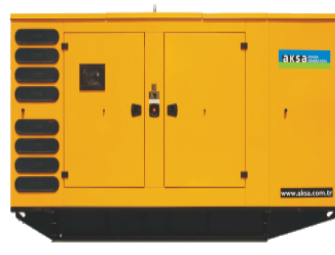
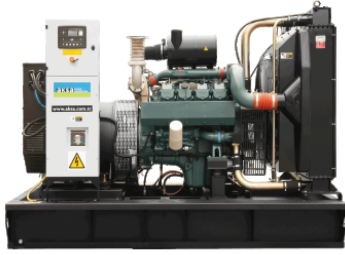


AD 660

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



ISO8528

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

SZUTEST

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



6i 'YbYfUhf f [fi Vi '79'gYfhZ_U' UfhUfibi' m] i bXi f

2000/14/EC

GYGmUihA 'UV]b' [fi d'UfZ\$\$\$#(#97 '5j fi dU' [' f' h' m bYra Y'] bY [" fY 'YghYX]]f'

uT] ; 'WZ' !: Uniz) \$<nz; : 'ŞZ

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kW	kVA	kW	Amp
400/230	660,00	528,00	611,00	488,00	881,00

Standby Güç (ESP): ; 'jYb]f' YVY_Y' _UnbU' ibib' _Yg]a Yg]Xi fi a i bXUZY] _YbYY_f]m' _Y [' , fYa]b Yra YXY' _i 'Ubrif' 9GDz-GC ,) & , Y i m a i Xi f' 5 i fi m' _Ya YnY']n]b] Yf]a Ya] hf'

Prime Güç (PRP): 8Y] _YbYY_f]m' _Yz [' , fYa]b Yra YXYZm' _gibifgin' , U i a U gUu]] b' _i 'Ubrif' DF DZ-GC ,) & , Y i m a i Xi f' -GC' \$(* mU [" fY' %&gUUh, U i a U dYf]ncXi bXU%gUUh%\$& U i fi m' _Ya Y]] b' _i 'Ubrif'

GH5B85FHx N9@@?@9F

Gi' gc' i' ta U' X]nY' a' c' hf
F UXnUhf f] Y a Y' _Ub' _ZUb
8' bYb] Y' giVW' _dUF, UUFU' Xc' _i' ba Um' b' YnYb' _cfi m' W' _UZyg
9' Y' _f]] a Uf' 'a' c' hf' j' Y' Uf' U' Yf' bUhf f'
5' _' f]] f i b' Ug]h]z' _UV' c' Uf] j' Y' g' V' dUg
A' c' hf' V' c' _' gi m' i' g' ih' V' gi
uY']' : UgY' j' Y' hf' f' Y' ja' " b' Yn] W' Y' U' _cn' Uf' UgYnY' YbY [fY' nU' _ih' U' b' _i
9' gbY' _nU' _ih' VU' 'Ubh' \c' f' i' a' 'Ufi
HY' _nU' _iz' j' Y' < nU' ihA' 'gibiZi' U' Yf' bUhf f'
9' bX' 'ghf]nY' _' UdUg] YXY' gi' gh' fi W' j' Y' Y' gbY' _' , Y']' _ca' dY' bgUhf f'
9' Y' _f' cb' _' U' _' Uf' V' U' ni
? i' 'Uba U' j' Y' a' cbU' ^' _' U' j' i' ni

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

MOTOR

! 'MU' _ih' gi' _Umif' WZ] hfY
! 'MU' _i' g' ih' V' gi

ALTERNATÖR

! -' g' ih' VZ' fi' h' V' h' b' Yn] W'
- Büyük güçte alternatör
- PMG ikaz sistemi + AVR
! 'u' _i' _' U' Yf]

KONTROL PANOSU

- Otomatik senkronizasyon ve güç kontrol sistemi (çoklu paralel jeneratör)
! ' YVY_Y'] Y [Y ,] ' gYb' _fcbi' _g] h' Y a]
! ! nU' _fUb'] Yf]] a' j' Y' _cb' hf' c'
! ! nU' U' U' Ufa' ' dUbY']
! '5' Ufa' ; _i' _' f' Y' Yf]
! ! nU' _fUb'] Yf]] a' za' cXYa'] Y
! 'Hcd' fU' _' U, U' iz' fY' _' YbYfUhf f'
! ' Uf' Ua' dYfa' YfYg]

YARDIMCI DONATILAR

! 'C' hca U' h' j' YnU' a' Ubi' Y' nU' _ih' Xc' i' a' 'g] h' Y a]
! 'MU' _' Vc' U' ha' UZ' Y' Y' _f] _'] dca' dU
! '8' _' _' j' Y' m' _' gY' _' nU' _ih' gYj'] nYg] U' Ufa' i
- Egzoz susturucusu, meskûn mahal tip
! 'A' i' \U' Z' nU' _UV] b' / gYg' nU' ihA' ' i' h' d' j' YnU' U, _' U' U' b' h' d'
! 'GYg' nU' ihA' ' _' _' Ub' U' _' f' U' j' U [] f] j' Y' , _i' _' XYj' fYg] k'
- Römoorklar
! '5' Y' h' U' _' ja' i' f' VU' _' ja']] b' t'
! '%' \$ \$ \$ \$, U' i' a' U' gUu]]] b' VU' _' ja' ' gYf]
! 'u'] zh' V' X' U' f' i' U' g]
! '5' b' h' Z'] n' j' Y' a' c' hf' nU' ' Ua' U' nU' ' i' fi' '\$ \$7 ; Yj' fY' giVW' _' i']] b' t'
! '5' b' U' _' MU' _' ih' HUb' _' i'
! ' YVY_Y' #> YbYfUhf f' hfUbgZf' dUbcg]

TRANSFER PANOSU

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

AD 660

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

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

Üretici		Doosan		
Model		P222LE		
G]jbX]fj Y' HUGUfia		12 Silindirli, V - Tip		
Hava Emme		Hi fVc' UF'Yj Y'5fU'Gc i h W'i		
Maksimum Standby Güç		1500 d/dk		
		574,00 kW [769,00HP]		
Toplam Silindir Hacmi	L	21,930		
Çap ve Strok	mm	128 x 142		
G]i hfa U'C fUbi		15,0:1		
Norminal Devir	d/dk	1500		
Governör Tipi		Elektronik		
MU' ? UdUg]Yg]	L	40,00		
Su Kapasitesi	L	113,00		
Emilen Hava Debisi	m ³ /dk.	38,00		
Radyatör Hava Debisi	m ³ /dk.	650,00		
Egzoz Gaz Debisi	m ³ /dk.	117,50		
9[ncn; Un'GiWU_ı i	° C	580,00		
Elektrik Sistemi		24 V d.c.		
MU_ıhH' _Yfja]	Yük	%100	%75	%50
	L/sa	134,00	97,60	65,80

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

Üretici		Mecc Alte		
Modeli		ECO 40-1,5L/4		
Frekans	Hz	50		
Güç	kW	620,00		
HUGUfia		: if, Uginž('i h d'i		
Cos fi		0,80		
: Un'GUnigi		3		
Voltaj	V	400/230		
5_ia	A	894,00		
MU'ıha 'GibiZ		H		
çji' M _gY'a Yg]		H		
Stator		&#' UXia		
Rotor		HY_'MUU_ı'9gbY_'8]g_]		
_Un'G]gY'a]		Elektronik (AVR)		

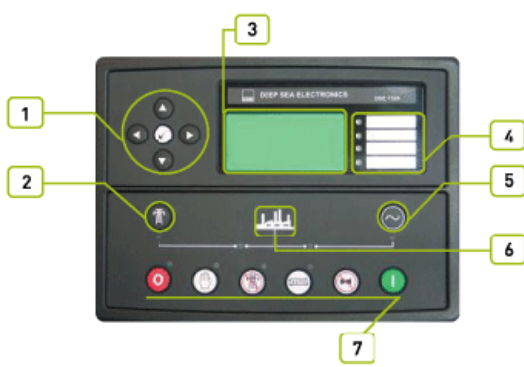
6CM H'j Y'5 ₺ @?

5, i; fi d	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ıh8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
AD 660	4010,00	3470,00	1550,00	2157,00	1000,00
Kabinli Grup	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ıh8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
MS 85	5565	5297	1606	2656	1000

AD 660

Motor : Doosan
Alternatör : Mecc Alte
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'j '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'_cbhfc''a cX''''
9'Y'_fcb]_U_'' Uf'V\U'ni
5VY'Xi fXi fa U'Vi' hcbi 'j Y'_cbhfc''XY'j fY'Yf]],]b'g] [cftU'Uf

3 Müdi'j Y'6cniU

7]\Un'Uf, Y]_gUWXUb]a U'YX]a] 'dUbc'_UV]b]bY'a cblU'^ntüdi'if''DUBc'gUWZc'gZU'h_]a ntUgU'i']Y'_Ud'UbUfU'_gUW
m' nYmj'_cfcncbU'X]fYb, ']\U'Y' [Y'h]f]f'' Dc'mYghYfV]Y]_hcn'VcnU'j Y'Zf'ib'Ua U'] 'Ya]]Y'dUbc'_UV]b]bY'gcb'XYfYVW
XUnubi'_i'VcnU'ntüdi'if''?]h]j Y'a YbY' Y']dUbc'_UdU' i']Y'V\U'ni'UfU'i' 'U' a U'_c'UmXif''

4 Montaj

? cblhfc''dUbc'g' ž'YbYFUH' f [fi Vi' ' Ug]g]'' nYf]bXY_]j'gU' 'Ua' ; Y]_UnU'_Uf'j YntU' [' ;]_i' 'Y'Yfa]bU'a cX'''''' nYf]bY
a cblU'^ntüdi'if''
DUbcž'YbYFUH' f [fi Vi' bi' b'ntü' b'UfUZbUZ [" 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+' &\$'_cbhfc''g]gY'a]ghUbXUf'Xif''9'Y'_fcb]_j Y'Y'Y'_fcb]_c'a Untub
[Un'j Y'X]nY'a c'ctcf' 'YbYFUH' f [fi d'Uf'ib'ib' c' hca UH_ 'c'UfU_ , U'i' h'fi'a Ugi'j Y'Xi fXi fi 'a Ugi'],]b' h'UgUf'Uba' i' h'if''
5nfiW'U'a cX'''' YVY_Y'j c' h'U'f'bi'j Y'Z'Y'_Ubg'ibi']n'Y'f'j Y'nYXY'_YbYFUH' f [fi Vi']Y'cbU'VU' i' [' , ' h'f'Ubg'Z'f'g]gY'a]b]
_cbhfc''YXYf''

Standart Özellikler

A]_fc'] 'Ya W]Y'_cbhfc''ntüdi'a' i' Xif
% &I '* ('d]_gY'ž'@78' [" gYf[Y']Y'V' []Yf'_c'Um'i'_U'c'_i' bi' f
A cX'''' b'dUbY']bXY'j YntU'D7' j Y'ntüni'ia' i'j Ugi' h'UgimU'dfc' [fUa' 'Ua' U
M a i' U_ 'h' 'i' 'a Ya VfU' b'_Uj' nY'j Y'VY' 'h' 'i' 'a Yb~'bUj] [Ugncb
9h.YfbYhj Y'F'G&' &ž'F'G(,) j Ugi' h'UgimU'i' nU'_hUb']Y'h]a' j Y'GA'G']Y'f'Udcf'U'a' U
HUf'] j Y'gUUh]Y'_UmihXYZ'Yf]bXY' UfinU'c' Um'i'f']\$E [" gY'fa Y
uc'_i' h'Uf'] j Y'gUUh]Y'a c'ctcf'Y [nYfg]n'Xi fi a i' j Y'VU_ 'ia' 'dfc' [fUa' i'
? cblhfc''h' 'Ufi' 'G'hdž'A Ubi Y'ž'c' hca UH_ 'ž'HYghž'GHUf'ž'GYgg]n'#@Ua VU' h'Y'ghž'
>YbYFUH' fY' h'f'Ubg'Z'f'ž' YVY_Y'nY' h'f'Ubg'Z'f'ž'A Yb~'bUj] [Ugncb
A c'ctcf'V'c'_gi' m' i'gihW'_cbhfc''

AD 660

Motor : Doosan
Alternatör : Mecc Alte
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 @ & ! @ 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

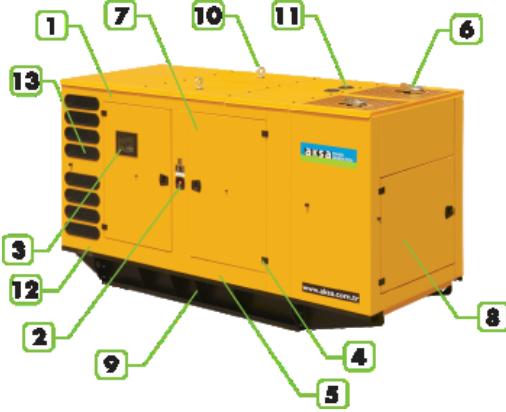
9 Y _ h f c b] _ 5 _ ' U f ^ 7] U n i

5 _ ' U f ^ 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 g U X Y j f Y n Y _ U f i _ c f i b a i h f "
& (\$) ' U f ^ U n i z '] b Y Y f ' U f ^ 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 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 "

AD 660

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

MS 85 - Kabin



- 1 uY_l'gUVXUb'müdi
- 2 Acil durdurma butonu
- 3 ? cblfc''dUbcgi 'gU 'hUFUZU' UgYm' a cbU'Y
- 4 ? cfcncbU'XU'Üb'i_t'_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_l']nÜb hUFUZU'VU_ia t'_c'UmU hfUb'_j]hYbYV]f[Yb] '_Udi'Uf
- 8 x b'j Y'Uf_UXU'VU_ia t'_c'UmU hfUb'_j]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 'Xc'i a i j Y'ntU 'Xc'i 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'nÜ'ihia t'ij Y' ? cfi ni W ? UV]b'Yf'5_gU'YbYfU' f [fi d'Ufi'],]b_U_ j gh'_a ' \YbX]g'Yf]hUFUZbXU'bzncf\Uj U'j Y', Yj fY U'fhU'f'ibU'i m' i b [Y] hf]Yb'gYg'nÜ'ihia 'iz_cfi a U'_UV]b'Yf]/XYU'gYg'Yj]nYg]j Y'_cfi a U'gU 'U'ntU'W'_ Y_]XY hUgU'f'Ubif'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 'ntüDUV]a Y'j Y', U'i hi 'i nY'fXY'dUf, U'XY '] ja]b'Y'c'UbU'_gU 'U'f'5nbi'nUa UbXU'YbYfU' f [fi Vi bi b', Yj fY'giWU'_i 'ibU[" fY'gc i'fa U'dYfZ'fa Ubgi'j Y [, ,]_t'_XY Yf]bXY'\Y'f'Ub[]g'j]nY'X' ' ' ' ' ' a YnXU'ub[U' H'ifa 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'giWU'_i t'ij Y'gYg'Yj]nYg]i m' i b i i],]b'dfch'hd'fYghYf]müdi'Xi'_hUb'gcbfU''fY]ja]ntüdi'a i' hf

Standart Özellikler

8'' '_dfcZ']j Y'_Ud'Ua U'U'Üb'i'Unz'f]ca dU'_h'UgU'fia
? UV]bz'YbYfU' f'gYh'z'Y[ncn'g]ghYa]j Y'ntU_ihXYd'cgi ž Ug]fY'_dU'Yhc'U'fU'_gY]_YX]Y'W'_ Y_]XYZ'V]fV]f]b]V' h' b'YnY'W'_ j Y'_c'Uma cbU'Y'],]b [Y] hf]a] hf'
? ja ntUgU'f'Ya]n'Ya Y] 'Ya]bXYb' [Y,]f]Ybž'_UV]b', Y_l'gU'WdUf, U'U'f'iz'dc'nYg'hYf' hcn'VcnUmU'_Ud'Ubif'j Y'Z'f'ib'Übif
5'Yj "' b'Yn'W'ntU'ihia 'g' b [Yf]
GYf]]g'bc'_hU'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'YmV]a Y
? UV]b]b'Xi 'ibU'a cbU'Y'U'WY'ghcd Vi h'cbi
Gc i'fa U'Z'Üb'ij Y' U'f'U'f'f'Üb'U'f' f' 'Xc_i ba U'ntU'_Uf i'_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'f'i
GYg'nÜ'ihia '_UV]b'] [fi d'U'f'ib'gYg'hYgh] &\$\$\$#% (#97 nY' i m' i b'c'U'fU'_Gni'fYgh'U'fUZbXU'b'XYbYhYba Y'_hX]f'

En	mm.	1606
Boy	mm.	5297
Yükseklik	mm.	2656
MU_ihHUb_? UdUg]fYg]	L	1000