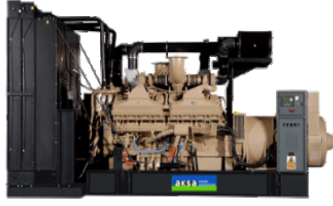


# AC 2250

Motor : Cummins  
Alternatör : Stamford  
Kontrol Sistemi : P 732



## ISO8528

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

## SZUTEST

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



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

## 2000/14/EC

GYG'mUihA 'UV]b' [ fi d'UfZ&\$\$\$#( #97 '5j fi dU' [ ' f' h' m bYfa Y' ] bY [ " fY' hYghYX] ]f"

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

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kW	kVA	kW	Amp
400/230	2250,00	1800,00	2045,00	1636,00	2955,00

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 m a i Xi f' 5 i fi m\_Ya YnY' ]n]b] Yf]a Ya ] hf"

Prime Güç (PRP): 8Y ] \_YbYY\_hf\_]m\_Yz [ ' , fYa ]b\_Yfa YXY' m'\_gibifgin' , U'i a U' gUUh] ]b'\_i 'Ubrif' DF DZ-GC , ) & , 'Yi 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'

## GH5B85F H'x N9@@? @9F

5 if \]na Yh]d]zgi 'gc i ha U'iX]nY'a chcf  
F UXntUf f] Y a Y\_Ub'\_ZUb  
8' bYb] Y'giWU'\_dUF, UUFU'Xc'\_i ba Um' b'YnYb'\_cfi m' W' \_UZyg  
9'Y\_hf\_]a Uf 'a chcfi j Y' Uf'U'fYfbUf f'  
5'\_f] f i b'Ug]h]z'\_UV'c'Ufij Y'gY'dUg  
A chcf V'c'\_gi m' i'gihVgi  
uY ] : UgY j Y'hfY 'a " b'Yn]Y'U'\_cn'Uf  
; fi d'U'U' Unfi nU'\_ihU'\_i'f5, i\_gYh [ fi d'k  
9gbY'\_nU'\_ihVU 'Ubh' \cfi a 'Ufi  
HY'\_nU'\_iz] Y < nU'ihA 'gibiZi' U'fYfbUf f'  
9bX' g]f]nY'\_UdUg]YXY' gi ghi fi W j Y YgbY'\_Y ]'\_ca dYbgUf f'  
9'Y'\_fcb]\_U'\_ ' Uf'V\U'ni  
?i 'Uba Uj Y'a cblU'\_iUj i ni

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

### MOTOR

! 'I nU'\_fUXntUf f' 'gc i ha U  
! 'MU'\_ihgi 'UmfiWZ]hfY  
! 'MU'\_igihVgi

### ALTERNATÖR

! 'gihVZfi h' VYh' b'Yn]Y'  
- Büyük güçte alternatör  
! 'u [ ] ' U'fYf]

### KONTROL PANOSU

- Otomatik senkronizasyon ve güç kontrol sistemi (çoklu paralel jeneratör)  
! ' YVY\_Y' ]Y' g' f\_Y\_] dUfU'Y' g]gfY'a  
! ' YVY\_Y' ]Y' [Y, ] 'gYb'\_fcbi 'g]gfY'a ]  
! 'I nU'\_hUb] ]Yf] 'a j Y'\_cblf'c'  
! '5'Ufa ; ]\_i ' f' Y'Yf]  
! 'I nU'\_hUb] ]Yf] 'a j a cXYa ]Y  
! 'HcdfU'\_U, U' iziY'\_YbYfUf f'  
! ' Uf'U'a dYfa YfYg]

### YARDIMCI DONATILAR

! 'C'ha UH'\_j YntU'a Ubi Y' nU'\_ihXci a 'g]gfY'a ]  
! 'MU' 'Vc' U'ha UzYY'\_hf\_] 'dca dU  
! '8' ' \_j Y'm'\_gY'\_nU'\_ihgYj ]nYg] U'Ufa i  
- Egzoz susturucusu, meskün mahal tip  
! 'A i \UZnU'\_UV]b] /gYg' nU'ihA 'ih]d] j YntU, i'\_U'Ub' h]d  
! '< Uj U'\_UbU'i' UXUdht f' 'ffUXntUf f' " b' 't  
! 'A chcfi 'dUb' f' f'Uj U' [ ] ] Y' ; ]\_i ' XYj fYg]k  
! 'GYg' nU'ihA 'i'\_UbU' f'Uj U' [ ] ] Y' ; ]\_i ' XYj fYg]k  
! '5'Y'hU'\_ia i' fVU'\_ia ] ]b]k  
! '% \$\$\$ \$\$\$, U'i a U'gUUh] ] ]b' VU'\_ia 'gYh  
! '5b]Z]n] Y'a chcf nU' 'Ua U'ntU' i' fi' \$S7', Yj fY'giWU'\_i' ] ]b]k  
! '5bU' MU'\_ihHUb'\_i

### TRANSFER PANOSU

- Üç veya dört kutuplu transfer sistemi  
! 'y, j YntU' X' f' h' d' i' a chcfi ; ]\_i ' U'fYf]

## AC 2250

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

Üretici		Cummins		
Model		QSK 60 G4		
G]j]bX]f]j Y' HUGUfia		16 Silindirli, V - Tip		
Hava Emme		Hi fVc' UF'Y'j Y'u ]hDca dU'u ]h8Yj fY']		
Maksimum Standby Güç		1500 d/dk		
		1915,00 kW [2567,00HP]		
Toplam Silindir Hacmi	L	60,200		
Çap ve Strok	mm	159 x 190		
G]i' hifa U'c fUbi		14,5:1		
Norminal Devir	d/dk	1500		
Governör Tipi		Elektronik		
MU' ? UdUg]fYg]	L	280,00		
Su Kapasitesi	L	500,00		
Emilen Hava Debisi	m³ /dk.	144,30		
Radyatör Hava Debisi	m³ /dk.	2374,00		
Egzoz Gaz Debisi	m³ /dk.	336,60		
9[ ncn; Un'GiWU_ı' i	° C	450,00		
Elektrik Sistemi		24 V d.c.		
MU_ihH' _Yfja ]	Yük	%100	%75	%50
	L/sa	394,00	291,00	200,00

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

Üretici		Stamford		
Modeli		PI 734 F		
Frekans	Hz	50		
Güç	kVA	2080,00		
HUGUfia		: if, Uginž( 'i h d'i		
Cos fi		0,80		
: Un'GUnigi		3		
Voltaj	V	400/230		
MU'fha 'GibiZ		H		
çji' M _gY'a Yg]		H		
Stator		&#' 'UXia		
Rotor		HY_ 'MUH_ı'9gbY_8]g_]		
_Un'G]ghYa ]		Elektronik ( AVR )		

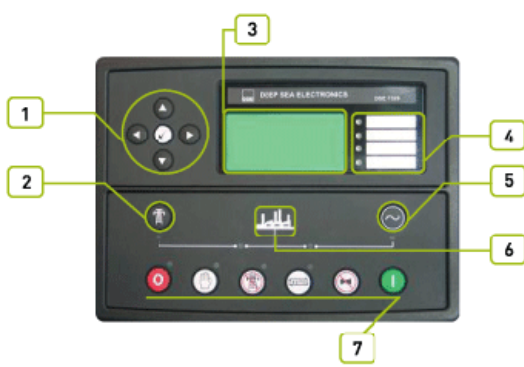
### 6CM Hj Y'5 ₺ @?

5, i; fi d	? i fi '5 ifi_ kg.	Boy mm.	En mm.	Yükseklik mm.	MU_ih8Ydc ? UdUg]fYg] L
AC 2250	15500,00	5676,00	2280,00	2967,00	2000,00
Kabinli Grup	? i fi '5 ifi_ kg.	Boy mm.	En mm.	Yükseklik mm.	MU_ih8Ydc ? UdUg]fYg] L
AK 99	21100,00	9000	2800	3300/4800	2200

# AC 2250

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## 1 P 732 - Kontrol Sistemi



- 1 A Yb~ 'bUj ][ Ugnrcb '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'YbYfUht f'\_cbhfc''a cX''  
9'Y'\_fcb]\_U\_' ' Uf'V\Un'i  
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 ]\_gUW\U' ]a U'YX]a ] ' dUbc'\_UV]b]bY'a cbHU'ntüdi'if''Dübc'gUWZc'gZ]h\_]a ntUgU'i']Y'\_Ud'UbUfU'\_gUW  
m'nYmj'\_cfcncbU'X]fYb, ' ]\U'Y [ Y'h]f]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 ' U'g]g]''nYf]bXY\_]gU 'Ua ; Y ]\_Unü'Uf'j YntU' [ , ; ]\_i 'Y'Yfa ]bU'a cX''''nYf]bY  
a cbHU'ntüdi'if''  
Dübcž'YbYfUht f [ fi Vi bi b'ntü'bu'fUfZbUž [ " n\ ]nUgi'gYj ]nYg]bY'nYfY 'h]f]f''

## 5 Jeneratör Kontrol Ünitesi

8G9'+ ' &\$  
&&\$'\_j 5 j Y''nYf] 'YbYfUht f [ fi d'Ufia 'nXU'8G9+' &\$'\_cbhfc''g]gY'a ]ghUbXUf'Xif''9'Y'\_fcb]\_j Y'Y'\_fcb]\_c'a Unü'b  
[ Un'j Y'X]nY'a c'c'f'i 'YbYfUht f [ fi d'Uf'ib'ib'c'hca UH\_'c'UfU\_', U'i h'i'fa U'gi'j Y'Xi fXi fi 'a U'gi' , ]b'fUgUf'Uba 'i' h'i'  
5nfiW'a cX'' YVY\_Y'j c'fU'fbi'j Y'ZfY'\_Ubg'ibi'jn'Yf'j Y'nYXY'\_YbYfUht f [ fi Vi ]Y'cbU'VU 'i' [ , 'fUbgZf'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' ]bXYb'j YntU'D7 j Y'ntü'ia 'i'j U'gi'fU'gimU'dfc[ fUa 'Ua U  
M a i U\_'h' 'i' 'a Ya VfU'b'\_U'j mY'j Y'VY 'h' 'i' 'a Yb~ 'bUj ][ Ugnrcb  
9h.YfbYhj Y'F G&' &ž'F G( , ) j U'gi'fU'gimU'i nU'\_hUb']Y'h] 'ja j Y'GA G ]Y'fUdcf'U'a U  
HUf] j Y'gUUh]Y'\_UmihXYZfY]bXY'UfinU'c'Um'i'f] \$E [ " gY'fa Y  
uc\_'i' fUf] ] Y'gUUh]Y'a c'c'f'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'GHUfž'GYgg]n'#@Ua VU'fYghž  
>YbYfUht fY'fUbgZf'ž' YVY\_Y'mY'fUbgZf'ž'A Yb~ 'bUj ][ Ugnrcb  
A c'c'f'V'c'\_gi m'i'gihW'\_cbhfc''

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## Ölçme Göstergeleri

A C H C F  
A c h c f X Y j ] f ]  
M J \ 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 Y b g ' f ' \_ 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 ' 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 ^ 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 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 "

