

# AC 1100 K

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 '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\$\$\$#/( #7 '5j fi dU' [ ' f' h' m bYfa Y' ] bY [ " fY 'hYghYX']f"

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

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kw	kVA	kw	Amp
400/230	1100,00	880,00	1000,00	800,00	1443,00

Standby Güç (ESP): ; 'jYb]f' YVY'\_UnbU 'ibib'\_Yg]a Yg]Xi fi a i bXUzXY ]\_YbYY\_hf\_]m\_Y [ ' , fYa ]b\_Yfa YXY'\_i 'Ubrif''9GDZ-GC , ) & , 'Yi m 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 YXY'zmi'\_gibifgin' , U'i a U gUUh] ]\_b ]\_Ubrif''DF DZ-GC , ) & , 'Yi m a i Xi f''GC' \$( \* mU' [ " fY '%&gUUh, U'i a U dYf]ncXi bXU%gUUh%\$& ' U' ifi m\_Ya Y ]\_b ]\_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'i' b'YnYb'\_cfi m' W'\_UZyg  
9'Y\_hf\_]a Uf 'a chcfi 'j Y' Uf'U'fYfbUf f'  
5'\_f] f i b Ugh]z'\_UV'c Ufi'j Y'gV'dUgi  
A chcf V'c'\_gi m' igihVgi  
uY ]\_ UgY'j Y'hfY 'ja " b'YnY]WU'\_cnUf  
' fi d'Ub Unfi nU'ihU'j'f5, i\_gyh [ fi d'k  
9gbY'\_nU'ihVU 'Ubh'cfhi a 'Ufi  
HY'\_nU'iz] Y < nU'ihA 'gibiZi' U'fYfbUf f'  
9bX' gfh'ny'\_UdUg]fYXY'gi ghi fi W ] Y YgbY'\_Y ]\_ca dYbgUf f'  
9'Y'\_fcb]\_U'\_ ' Uf'V\Uni  
'i 'Uba Uj Y'a cblU'\_Uj i ni

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

### MOTOR

! 'l nU'\_fUXntUf f' 'gc i ha U  
! 'MU'ihgi 'UmifiWZ]fY  
! 'MU'igihVgi

### ALTERNATÖR

! 'gihVZfi h' VYh' b'YnY]W  
- Büyük güçte alternatör  
! 'u\_i ' U'fY]

### KONTROL PANOSU

- Otomatik senkronizasyon ve güç kontrol sistemi (çoklu paralel jeneratör)  
! ' YVY'\_Y'Y'g' f\_Y\_]dUFU'Y'g]gfYa  
! ' YVY'\_Y'Y'[Y, ]\_gYb\_fcbi 'g]gfYa ]  
! 'l nU'\_hU'j]Yf] 'ja j Y'\_cblf'c  
! 'l nU' U'U'Ufa 'dUbY ]  
! '5'Ufa ]\_i' f' Y'Yf]  
! 'HcdfU'\_U, U iziY'\_YbYfUf f'  
! ' Uf'Ua dYfa YfYg]

### YARDIMCI DONATILAR

! 'C'ha UH'\_j YntU'a Ubi Y'nU'ihXci a 'g]gfYa ]  
! 'MU' V'c' U'ha UzYY'\_hf\_]dca dU  
! '8' ' ]\_j Y'm'\_gY'\_nU'ihgYj ]nYg]U'Ufa i  
- Egzoz susturucusu, meskün mahal tip  
! 'A i \UZJnU'\_UV]b]gYg'ntU'ihA 'ih]d]j YntU, i'\_U'Ub'hd  
! '< Uj U'\_UbU'i'UXUdht f' 'ffUXntUf f'' b' t  
! 'A chcfi 'dUb'f f'U'U' [ ]f] j Y, i ]\_XYj fYg]k  
! 'GYg'ntU'ihA 'i'\_UbU'f'U'U' [ ]f] j Y, i ]\_XYj fYg]k  
! '5'YhU'ia i'fVU'ia ]\_ ]\_b'k  
! '% \$\$\$ \$\$\$, U'i a U'gUUh] ]\_b'VU'ia 'gYh  
! '5b]Z]h]j 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'fY]

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

Üretici		Cummins		
Model		KTA 38 G5		
G]jbX]f] Y' HUGUfia		12 Silindirli, V - Tip		
Hava Emme		Hi fVc' UF'Y] Y' Gcb Gc i h W'i		
Maksimum Standby Güç		1500 d/dk		
		970,00 kw [1300,00HP]		
Toplam Silindir Hacmi	L	37,800		
Çap ve Strok	mm	159 x 159		
G]i' hifa U' C fUbi		13,9:1		
Norminal Devir	d/dk	1500		
Governör Tipi		Elektronik		
MU' ? UdUg]Yg]	L	135,00		
Su Kapasitesi	L	370,00		
Emilen Hava Debisi	m <sup>3</sup> /dk.	72,70		
Radyatör Hava Debisi	m <sup>3</sup> /dk.	1489,00		
Egzoz Gaz Debisi	m <sup>3</sup> /dk.	198,36		
9[ ncn; Un'GiWU_ï i	° C	513,00		
Elektrik Sistemi		24 V d.c.		
MU_ihH' _Yfja ]	Yük	%100	%75	%50
	L/sa	209,00	161,00	113,00

### 5@H9F B 5Hx F 'x N9@@? @9F

Üretici		Mecc Alte		
Modeli		ECO 43-1LN/4		
Frekans	Hz	50		
Güç	kVA	1100,00		
HUGUfia		: if, Uginž( 'i h d'i		
Cos fi		0,80		
: Un'GUnigi		3		
Voltaj	V	400/230		
5_ia	A	1587,00		
MU'ihia 'Gibiž		H		
çji' M _gY'a Yg]		H		
Stator		&#' UXia		
Rotor		HY_'MUU_ï'9gbY_'8]g_]		
_Un'G]gY'a ]		Elektronik ( AVR )		

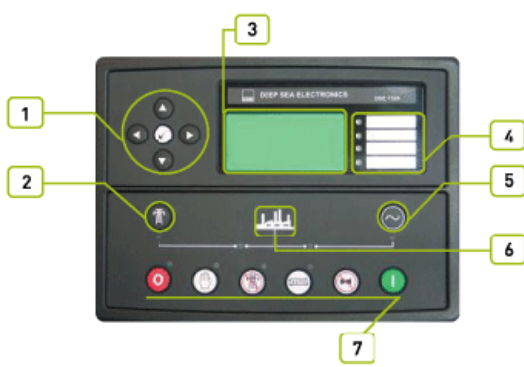
### 6CM H]Y'5 ₺ @?

5, i; fi d	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
AC 1100 K	8600,00	4470,00	1770,00	2370,00	1500,00
Kabinli Grup	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
AK 96	12250.00	7500	2300	2495	1500

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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'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\_cbfhc''a cX''  
9'Y\_fcb]\_U\_'' Uf'V\Un'i  
5VY'Xi fXi fa U'Vi hcbi 'j Y'\_cbfhc''XY'j 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' nYmj'\_cfcnc'bu'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 Yb'Y Y']dUbc'\_UdU 'i']Y'V\Un'UfU'i 'U a U'\_c'UmXif''

## 4 Montaj

? cbfhc''dUbc'g'ž'YbYFUH' f [ fi Vi ' ' Ug]g]'' nYf]bXY\_]gU 'Ua ; Y ]\_Unü'Uf'j YntU' [ , ; ]\_i 'Y'Yfa ]bU'a cX'''' nYf]bY  
a cbHU'ntüdi'if''  
DUbcž'YbYFUH' f [ fi Vi bi b'ntü'bu'FUZbUž [ " 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 ]ghU'buXU'fXif''9'Y\_fcb]\_j Y'Y'Y\_fcb]\_c'a Unü'ub  
[ Un] Y'X]nY'a c'hc'f' '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'fUgU'fU'ba 'i' hif''  
5nfiW'U'a cX'''' YVY\_Y'j c'fU'fbi'j Y'ZfY'\_Ubg'ibi'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 VY]Y'\_cbhc''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'dU'by]bXY'j YntU'D7 j Y'ntü'ria 'i'j Ugi'fUgimU'dfc[ fUa 'Ua U  
M a i U\_'h' 'i' 'a Ya VfU'bu'\_Uj mY'j Y'VY 'h' 'i' 'a Yb~ 'bUj ][ Ugnrcb  
9h.YfbYhj Y'F G& ' &ž'F G ( , ) j Ugi'fUgimU'i nU'\_hU'b']Y'h] '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'hc'f'Y [ nYfg]n'Xi fi a i ] Y'VU\_'ia 'dfc[ fUa i  
? cbfhc''h' 'Ufi. 'Ghcdž'A Ubi Y'ž'C hca UH\_ž'HYghž'GHU'fž'GYgg]n'#@Ua VU'fYghž  
>YbYFUH' fY'fUbgZf'ž' YVY\_Y'nY'fUbgZf'ž'A Yb~ 'bUj ][ Ugnrcb  
A c'hc'f'V'c\_'gi m'i'gihW'\_cbfhc''

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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 @ / @ & ! @ 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 ' 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 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 "

