

APD 33 A

Motor : Aksa
Alternatör : Aksa
Kontrol Sistemi : P 602



ISO8528

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

SZUTEST

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



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

2000/14/EC

GYG'mUthi' _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	33,00	26,40	30,00	24,00	43,00

Standby Güç (ESP): ; 'jYb]]f' YVY' _UnbU' ibib' _Yg] a Yg] Xi fi a i bXUzXY] _YbYY' _f]] 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' _f]] m' _Yz [' , fYa] b' Yfa YXYzmi' _L' gibifgin' , U' i' a U' gUu]] , 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' ifi m' _Ya Y] , b' _i' 'Ubrif'

GH5B85FH'x N9@@? @9F

5 if' \] na Yh] d] z' gi' gc' i' ha U' i' X] nY' 'a' c' hf
F UXnUf f] j Y' a Y' _Ub' _Z' Ub
8' b' Yb] j Y' giW' _dUf' U' UfU' Xc' _i' ba Um' " b' YnYb' _c' fi m' W' _UZ' g
9' Y' _f]] a Uf' 'a' c' hf' j Y' Uf' U' fYf' bUf f'
5' _' _f]] f' i' b' Ug] h] z' _UV' c' Uf' j Y' gY' dUg'
A' c' hf' V' c' _' gi' m' i' g' ih' W' gi'
uY'] : UgY' j Y' h] fY' 'a' " b' YnY' W' Y' U' _cn' Uf'
' fi d' hU' b' Un' i' m' U' _ih' U' b' _i' r' b' , i' _gY' h' [fi d' k'
9' gbY' _m' U' _ih' VU' 'Ubh' \c' hf' a' Uf' i'
u] z' h' n' U' _i' z' j Y' < n' U' i' ha' 'g' ibi' Zi' U' fYf' bUf f'
9' b' X' ' g' hf' nY' _U' dUg] fYXY' gi' gh' fi W' j Y' Y' gbY' _' , Y'] _ca' dY' bgUf f'
9' Y' _f' cb' _U' _' Uf' ^V' \U' ni'
' ? i' 'U' ba U' j Y' a' c' b' U' ^' _U' j i' ni'

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

MOTOR

! 'I' nU' _fU' XnUf f' 'gc' i' ha U'
! 'MU' _ih' gi' 'Unif' WZ] hfY

ALTERNATÖR

! 'g' ih' WZ] fi' h' VYh' " b' YnY' W'
! 'u' _i' ' U' fYf]

KONTROL PANOSU

! ' Uf' ^U' a' dY' fa YfYg]

YARDIMCI DONATILAR

! 'C' tca Uf] _j YnU' a Ubi Y' n' U' _ih' Xc' i' a' 'g' jh' Ya]
! 'A' i' \UZ' jnU' _UV] b] / gYg' nU' i' ha' 'i' h] d] j YnU' U' , i' U' Ub' h] d]
- Römorklar
! '5' Yh' U' _ja' i' fVU' _ja'] ,] b' k'
! '5' b' U' MU' _ih' HUb' _i'

TRANSFER PANOSU

- Üç kutuplu kontaktör
- Dört kutuplu kontaktör

APD 33 A

Motor : Akxa
Alternatör : Akxa
Kontrol Sistemi : P 602

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

Üretici		Akxa
Model		A4CRX25T
G]]bX]f] Y 'HUgUfia		('G]]bX]f] ŽGifU' H]d
Hava Emme		Hi fVc' UF'ı
Maksimum Standby Güç		1500 d/dk
		29,70 kW [39,80HP]
Toplam Silindir Hacmi	L	2,540
Çap ve Strok	mm	90 X 95
Gı'ı hıfa U' C fUbi		18.0:1
Norminal Devir	d/dk	1500
Governör Tipi		Mekanik
MU ' ?UdUg]Yg]	L	8,50
Su Kapasitesi	L	11,00
Emilen Hava Debisi	m ³ /dk.	2,40
Radyatör Hava Debisi	m ³ /dk.	115,00
Egzoz Gaz Debisi	m ³ /dk.	6,10
9[ncn; Un'GiWU'ı İ	° C	420,00
Elektrik Sistemi		12 V d.c.
MU_ihH' _Yfja]	Yük	%100
	L/sa	6,80

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

Üretici		Akxa
Modeli		AK225
Frekans	Hz	50
Güç	kVA	31,30
HUgUfia		: if, Uginž('ı hı d'i
: Un'GUmgı		3
Voltaj	V	400/230
5_ıa	A	45,00
MU'ıha 'GibiZ		H
_Un'G]ghYa]		Elektronik (AVR)

6CM Hıj Y'5 ₺ @?

5, İ; fi d	?i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
APD 33 A	680,00	1500,00	900,00	1060,00	95,00
Kabinli Grup	?i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
ASM 3	800,00	1940	970	1220	95

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Kontrol Sistemi : P 602

1 P 602 - Kontrol Sistemi



- 1 ; YbYXi fi a j Y", a Y V][]Yf][" ghYf[Y Y_fUbi"
- 2 9_fUb V][]Yf][]YfYfa Y Vi hcbi "
- 3 GUnZU Vi hcbi "
- 4 C fU_U'Ufa i[" ghYf[Yg]"
- 5 8i fi a '@98 fYf]"
- 6 uU'i a U' Y_]gY, a Y'Vi hcb'Ufi"

2 Cihazlar

8G9za cXY**\$&\$'chca UH_ YVY_Y UfinU'nYa Y j Y'YbYfUf f_cbfca' a cX""
9_Y_fcb]_U_ UF'V\Un;]f "%, !&* (j c'hZu'i_ i'&+* j) '5'f&(j k] YntU%' ž j c'h) 5'f&& k
5WY'Xi fXi fa U'Vi hcbi j Y_cbfca'XYj fY'Yf],]b'g][cffU'Uf"

3 Müdi'j Y'6cnu

7\Un'Uf, Y_L'gU\U'Ub]a U'YX]a] 'dUbc_'UV]b]Y'a cbU'^ntüdi'if"DUbc'gUWZc'gZU'h_]a ntUgU'i']Y'_Ud'U'bfU_'gUW
m'nYm]'_c'f'cn'cbU'X]fYb,]\UY'[Y'h]f]'Dc'mYghYfV]Y]_hcn'VcnU'j Y Z'fib'Ua U] 'Ya]]Y'dUbc_'UV]b]Y'gcb'XYfYW
XUnübi_'i'VcnU'ntüdi'if?]h]] Y'a YbY' Y]dUbc_'UdU_ i']Y'V\Un'U'fU'i 'U' a U_'c'UnXif"

4 Montaj

?cbfca'dUbcgi ž YbYfUf f[fi Vi_ 'Ug]g]' nYf]bXY_], Y_L'UnU_'Uf]Y VU_ 'Uba i' hif"DUbcž'YbYfUf f[fi Vi bi b'gU_ 'ntü
kUfUZbU'f[fi VU'U'YfbU'cf'kUfUZbXUb_VU_ 'ibVW'knYfY_ h]f]a] hif"

5 Jeneratör Kontrol Ünitesi

&\$\$_j 5 XU\] j Y_ ,_ _[, XY_] YbYfUf f[fi d'Ufia inXU'8G9* '\$&\$'_cbfca' a cX"" 'ghUbXU'fXif"A cX"" ž[Unj Y'X]nY'
a chcfi 'YbYfUf f[fi d'Ufib'chca UH_'c'UfU_ , U'i hifa Ugi'j Y'Xi fxi fi 'a Ugibi'[Yf, Y_Y_ h]f]'A cX"" ž'YbYfUf f' b
ZY_Ubgj] c'kU'zU_]a iža chcf'ntü_ 'VUgibVžgc_ i ha U'gi m' 'giVW_ i_ iž, U'i a U'gU'U'žU_] c'kU'fbi]'n'YnYVW_] Y '@8
Y_fUbXU[" ghYfYVW_] Y_]XY'kUgU'fUba i' hif"5mfiVW'a cX"" YVY_Y'j c'kU'fbi] Y ZY_Ubgibi]'nYf] Y'mXY_ 'YbYfUf f
[fi Vi_]Y'cbU'VU_ i' [, h'fUbgZY'f'g]ghYa]b]_cbfca'YXYf'>YbYfUf fXY UfinU'a YnXU'bu' [Y'X]]bXY'chca UH_'c'UfU_
YbYfUf f'Xi fxi fi i' f j Y] [] UfinU'a cX"" b"" b'dUbY]bXY '@8 Y_fUbXU[" ghYf]f]"

Standart Özellikler

- A]_fc] 'Ya WY]Y'_cbfca"
- @78 Y_fUbXUbžV][]Yf]_c'Umc_i a U"
- (! gifUž*('l % &[fUZ_ Y_fUb"
- YVY_Y'j Y'YbYfUf f[, Yf]U'fUgibXU'fU'Zf'_cbfca""
- x b'dUbY"" nYf]bXYb'a Ub'Y'dfc[fUa 'Ua U"
- 6i hcb'U'f'ib'nYfY_]a] j Y] 'Yfa Y'g]ghYa]_c'Umf
- x b'dUbY'XYb'dfc[fUa 'Ua U"
- I nU_fUb; U'i hifa U"
- <UZnUnU'_Umih'i) 'U'Ufa i[" fYV]a Y"
- ?cbfca'h_ 'Ufi. G'hd#GizfZA Ub' Y'žC'ha UH_žHYgržG'Ufž'Vi hcb'Ufi""@78 Y_fUb V][]g]b]]YfYfa Y'hi_ i "

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Ölçme Göstergeleri

A C H C F
A c t c f X Y j f j"
M U V U g i b W"
G i g i V U i i"
u U i a U g U U j"
5 j c t U t"
5 n t f U b U V j j f n U a U b U a U"
>9B9F 5Hx F
J c t U f f @ @ B L"
5 j a U f f @ @ @ l @ l"
: f Y U b g"
969?9
J c t U > f @ @ B L"
: f Y U b g"
Y V Y Y < U n i f"
Y V Y Y 8 Y j f Y X Y"
>Y b Y f U h f < U n i f"
>Y b Y f U h f 8 Y j f Y X Y"

Koruma Devreleri

? 5 N
U f U Y f b U h f U f i n U g i"
8 M g Y U j c t U t"
G h c d U f i n U g i"
8 M g Y Y b Y f U h f j c t U t"
8 M g Y Y b Y f U h f Z Y U b g i"
8 M g Y a c t c f i n i"
8 n t U V U g i b W"
M g Y g i g i V U i i"
8 I F 8 I F A 5 5 @ 5 F A @ 5 F =
G h U h i U f i n U g i"
5 W g h c d"
8 n t U V U g i b W"
M g Y g i g i V U i i"
8 M g Y a c t 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 t U t"
M U V U g i b a j f j V U U b h g i n e _"
< U f U Y h a j f j V U U b h g i n e _"
9 @ 9 ? H F G 9 @ 5 u A 5
> Y b Y f U h f U i f i U j a "

Opsiyon Özellikleri

< U f j W g Y b g f j Y V U g i b , z j i V U i i z m n X Y g Y c b f c "
j a U b i f i n t u f i z U d U h a U j Y Y Y f j g Y U f i n U l "
D 7 f X Y b l G 6 U V c j Y a c X b c U c U f U _
d f c f l U a U b a U g i j Y j n Y b Y V j a Y g j f a U g a Y h Y l "

Standartlar

9 Y Y f j g Y ; j Y b l # 9 A 7 i m i b i ' 6 G ' 9 B * \$ -) \$
9 Y f j l j] V U n U f i "
6 G ' 9 B * \$ \$ \$! * ! & 9 A 7 a i U z n Y h g h U b X U f i "
6 G ' 9 B * \$ \$ \$! * ! (' 9 A 7 Y a j g n e b g h U b X U f i "

9 Y f j c b l ' 5 _ ' U f ^ 7 j U n i

5 _ ' U f ^ 7 j U n i g k j W X j b [! a c X Y j Y G A 8 i Y _ b c c j g j j Y f Y h a] X j f j Y m _ g Y j Y f j a Y g U \ d h j f 5 _ ' z j ! ' = _ U f U _ f y f j g h _
Y f j g j b Y [" f Y U f ^ Y X j j f ") U a d Y f z % z j c h f f & j Y + z j c h f f (j l " ; j f ' % , ! * (j c h 5 7 " 7 j U n i , i j i i g U X Y j f Y n Y
_ U f i _ c f i b a i h f D f c j b Y % & \$) # & (\$) U f ^ V U n i z j b Y Y f U f ^ V U n U f i b U [" f Y X U U j Y f j a j 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 j Y t g i n t U n a U g i , c _ X _ h f " U f ^ U f i n U g i , i j i a Y j W h i f " F : = z j h f Y j Y a U b n Y h _ d U f U n j h Y f j V U g h f a U " n Y " j "
; U j U b l j n c Y j j f j Y , i j U f i (j f U X U f U h U a U U f U X U n t U b i i X i f "

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1 ASM 3 - Kabin



- 1 uY_l'gUVØUb`ntüdi
- 2 Acil durdurma butonu
- 3 ? cblfc`dUbcgi 'gU 'kUFUZU' UgYmY'a cbkU'Y
- 4 ? cfcncnbUXUntübi_t_t_]hj Y'a YbFY Y`Yf
- 5 MU `Vc U'ta U'a ctef`nYf]bXY j UbU`jY
- 6 Egzoz sistemi kabin içinde, gizli
- 7 <Yf_]ntüb kUFUZU`VU_ia t_c`UmU hfUb_]`hYbYV]f`[Yb] `Udi`Uf
- 8 8Ydc! UgY
- 9 ? UXifa Uj Y`kU`ia U'bc_kUgiz` UgYj Yntü`UV]b`nYf]bXY
- 10 GYgntü`ihia`ia U'nYa Y`Yf]

2 yf`b`c`U`ibXU

5_gU`YbYfUhf f [fi d'Ufi'], b`U_i gh`a`_`YbX]g`Yf]kUFUZbXUbžncf`Uj Uj Y' , Yj fy'` UfhUfibU'i nfi b [Y'] hf]Yb`gYg
ntü`ihia`iz`cfi a U`UV]b`Yf]/jYU`gYg`gYj]mYg]j Y`cfi a U`gU`UnUWU`_Y_]XY`kUgUfUbi`UF' , _J 5`!`&+) _J 5`[, `UFU'i`ibXU
YbYfUhf f [fi d'Ufi'], b`a`cX`Yfz`g`mü`ihia`_UV]b`Yf]z`U, i`[fi d`nYf]bY`Xc`fi`XUb`[]nX]fa`Yntüdi`UV]a`Y`fYX]f`?`UV]b`Yfz
[fi VU`_c`Umgyf]]gj Y`VU_ia`mü`dUV]a`Yj Y' , U'i`hi`i`mYfXY`dUf, U`XY`]`ja`]bY`c`UbU`_gU`UF`5`ntü`nUa`UbXU`YbYfUhf
[fi Vi`bi`b' , Yj`fy`giWU`_i`ibU`[`fy`gc`i`ha`UdYfZ`fa`Ubgij`Y`[, ; i`i`XY`Yf]bXY`Yf`Ub`[]gY]]mY`X`_`_`a`YmXUbU
[YH]fa`YmYV`_mü`diXU`c`a`UgibU`X`_U`hYX]YfY`_UV]b`YfX]hU`b`YX]a`]`X]f`?`UV]b`Yf]b' , Yj`fy`giWU`_i`ij`Y`gYg
gY]]nYgji`nfi`bi`i` ,]b`dfchUfd`hYghYf]ntüdi`Xi`hUb`gcbfU`_`fy]ja`]ntüdi`a`i`hf`

3 Standart Özellikler

i 8`_`_`dfcZ`]j Y`_Ud`Ua`U`U`Übi`Unž`_ca`dU`hUgUfia
i ? UV]bž`YbYfUhf f`gYhž`Y[ncn`g]ghYa`]j Y`XYdc!` UgY`hY`_dU`Yhc`UFU`_gYj`_YX]YVW`_`Y`_XYZV]fV]f]b]V`h`b`YmYV`_j`Y`_c`Um
a`cbkU'Y' ,]b [Y'] hf]a`]`hf`
i`HYa`]n`Ya` Y`]`Ya`]bXYb` [Y ,]f]Yb' , Y`_l`[`j`XYb]b`dUf, U`Ufiž`dc`nYghYf`hcn`VcnU`mU`_Ud`Ubif`j`Y`Zfib`Ubif
i`5`Yj`_`b`Ym]mü`ihia`_g`b`[Yf]
i`GYf]]g`bc`kU`UfibU`_c`UmYf]]a`
i ? UV]b] , Yf]g]bXY`Y[ncn`g]ghYa`]j Y`igi`ntü`ihia`i`
i`_]kUFUZU`[Yb] `Udi`Uf
i`?`]h]`_Udi`_nYf]bXY`_YZUZdYbWfYXYb`_cbfc`dUbcgi`bi`]n`YmYV]a`Y`
i ? UV]b]b`Xi`ibU`a`cbkU'Y`UV]`ghcd`Vi`hcbi`
i`Gc`i`ha`U`Zubi`j`Y`_Uf`U`fYfUhf`f`_Xc`_i`ba`Untü`_Uf`i`_cfi`ba`i`_hi`f`
i`?`]hYbYb`_Udi`]Y`ntü`ihXc`i`a`i`j`Y`U`_`nY`Yf]]a`
i`_UgYj`Y`_UV]b`nYf]bXY`_UXifa`U`bc`kU`Ufi`j`Y`_Ug]XY`Zcf`_]ZnWd`Yf]ž`5GA`+_`Uf],
i`GYgntü`ihia`_UV]b`[fi d'Ufib`gYg`hYgh]`&\$\$`#%`(#`7`nY`i`nfi`b`c`UFU`_Gni`hYghkUFUZbXUb`XYbYhYba`Y`fYX]f`

En	mm.	970
Boy	mm.	1940
Yükseklik	mm.	1220
MU`ihHUb`?`UdUg]hYg]	L	95