

APD 16 A

Motor : Aksa
Alternatör : Aksa
Kontrol Sistemi : P 602



ISO8528

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

SZUTEST

6i 'YbYfUf f [fi Vi '-GC - \$\$\$gYfhZ_U' nY' _Yf]bY [" fY' hUgUF Uba i' j Y' fYh'a] hif"



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

2000/14/EC

GYG'mUih'a _UV]b' [fi d'Ufz\$\$\$#(#97 '5j fi dU' [' f' h' m bYfa Y'] bY [" fY' hYghYX] f"

u_l_j ; 'WZ' !: Untz) \$<nz; : '\$z

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kW	kVA	kW	Amp
400/230	15,50	12,40	14,50	11,60	21,00

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] hif"

Prime Güç (PRP): 8Y] _YbYY_hf_]m_Yz [' , fYa]b_Yfa YXYZmi'_gibifgin', U'i a U' gUUh]] b'_j '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'_j 'Ubrif''

GH5B85F H'x N9@@? @9F

Gi 'gc i' ha U'X]nY'a ctef
FUXntUf f] Y'a Y_Ub'_ZUb
8' bYb] Y'giVW'_dUF, UUFU'Xc'_j ba Um'i' b'YnYb'_cfi m' W'_UZyg
9'Y_hf_]a Uf 'a ctefi j Y' UF'U'fYfbUf f'
5'_f] f i b'Ug]h]z'_UV'c'Uf] j Y'gY\ dUg]
A ctef V'c'_gi m' igihVgi
uY'_UgY j Y'hfY 'ja ' b'YnY]YU'_cn'Uf' UgYnY YbhY [fY'ntU'_ihHUb'_j
9gbY'_ntU'_ihVU' 'Ubh' cffi a 'Ufi
HY'_ntU'_iz] Y < ntU'ha 'gibiZi' U'fYfbUf f'
9bX' ghf]nY'_UdUg]fYXY'gi gh' fi W' j Y'YgbY'_Y'_ca dYbgUf f'
9'Y_hfcb'_U'_ 'Uf'V\Uhi
?i 'Uba U'j Y'a cblU'_j U'j i ni

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

MOTOR

! ' nU'_fUXntUf f' 'gc i' ha U'
! ' MU'_ihgi 'UmihVZ]fY

ALTERNATÖR

! '-gihVZ' fi h' VYh' b'YnY]
! ' u_l_j ' U'fYf]

KONTROL PANOSU

! ' Uf'Ua dYfa YfYg]

YARDIMCI DONATILAR

! ' C'ca U'h_j YntU'a Ubi Y'ntU'_ihXci a 'g]h'Ya]
! ' MU' 'Vc' U'ha UzY' dca dUg]
! ' A i \UZUnU'_UV]b] /gYg'ntU'ha 'ih] j YntU'u, i'_U'Ub' h]d
- Römorklar
! ' 5'YhU'_ja i' fVU'_ja]] b]k
! ' 5b' MU'_ihHUb'_j

TRANSFER PANOSU

- Üç kutuplu kontaktör
- Dört kutuplu kontaktör
! ' A ctefi ' U'fYf]

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

Üretici		Aksa
Model		A4CRX18
G]bX]f] Y HUgUfia		(G]bX]f]ZGifU'iH]d
Hava Emme		8c U'9a]]
Maksimum Standby Güç		1500 d/dk
		16,50 kW
		[22,00HP]
Toplam Silindir Hacmi	L	1,800
Çap ve Strok	mm	80 X 90
G]i hifa U'c fUbi		18.0:1
Norminal Devir	d/dk	1500
Governör Tipi		Mekanik
MU ? UdUg]Yg]	L	5,00
Su Kapasitesi	L	9,00
Emilen Hava Debisi	m ³ /dk.	2,00
Radyatör Hava Debisi	m ³ /dk.	120,00
Egzoz Gaz Debisi	m ³ /dk.	5,80
9[ncn; Un'GiWU_ï i	° C	425,00
Elektrik Sistemi		12 V d.c.
MU_ihH' _Yfja]	Yük	%100
	L/sa	4,10

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

Üretici		Aksa
Frekans	Hz	50
Güç	kVA	16,00
HUgUfia		: if, UginZ('i h d'i
Cos fi		0,80
: Un'GUmgı		3
Voltaj	V	400/230
5_ia	A	23,00
MU'ihha GibiZ		H
_Un'G]ghYa]		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
APD 16 A	390,00	1400,00	760,00	927,00	32,00
Kabinli Grup	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
ANS 1A	520	1672	823	1127	32

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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_cblfc'a cX""
9_Y_fcb]_U_' UF'V\Uni;]f] '%, !&* (j c'hZu'i_i '&+* j) '5'f&(j k j YntU'% ž j c'h) 5'f&U k
5WY'Xi fXi fa U'Vi hcbi j Y_cblfc'XYj fY'Yf],]b'g][cffU'Uf"

3 Müdi'j Y'6cnu

7\Un'Uf, Y_L'gUWUb]a U'YX]a] 'dUbc_'UV]b]bY'a cbU'^ntüdi'if"DUbc'gUWZc'gZU]_ja ntUgU'i]Y'_Ud'UbU'_gUW
m'nYm'_cfcncbU'X]fYb,]\UY'[Yhf]f"Dc'mYghYfV]Y]_hcn'VcnU]j Y Zfib'Ua U] 'Ya]]Y'dUbc_'UV]b]bY'gcb'XYfYW
XUnübi_'i'VcnU'ntüdi'if?]h]] Y'a YbY' Y]dUbc_'UdU 'i]Y'V\Un'UfU'i 'U' a U_'c'UnXif"

4 Montaj

? cblfc'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_ibVWk'mYfY hf]a] hf"

5 Jeneratör Kontrol Ünitesi

&\$\$_j 5'XU\]j Y_' , _ _[, XY_]YbYfUf f[fi d'Ufia inXU'8G9'*\$&\$'_cblfc'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 hf]f"A cX' ž'YbYfUf f' b
ZY_Ubgjž] c'kU'žU_ ja iža chcf'ntü 'VUgibVžgc i ha U'gi m'giVW_'i ž, U'i a U'gU'žU_' j c'kU'ibi]n'YnYVW_] Y '@8
Y_fUbXU[" ghYfYVW_' Y_]XY'kUgU'fUba i hif"5mfiVW'a cX"" YVY_Y'j c'kU'ibi] Y ZY_Ubgibi]n'Yf] Y'mXY_'YbYfUf f
[fi Vi]Y'cbU'VU 'i[, hfUbgZYf'g]ghYa]b]_cblfc'YXYf>YbYfUf fXY'UfinU'a YnXUbu'[Y'X]]bXY'chca UH_'c'UfU_
YbYfUf f'Xi fxi fi i'fj Y][]'UfinU'a cX"" b"" b'dUbY]bXY '@8 Y_fUbXU[" ghYf]f"

Standart Özellikler

- A]_fc] 'Ya WY]Y'_cblfc"
- @78 Y_fUbXUbžV][]Yf]_c'Umc_i a U"
- (! gifUž*(' % &[fUZ_Y_fUb"
- YVY_Y'j Y'YbYfUf f[, Yf]UfUgibXU'fU'Zf'_cblfc""
- x b'dUbY"" nYf]bXYb'a Ub'Y'dfc[fUa 'Ua U"
- 6i hcb'Ufibi'mYfY]a]j Y] 'Yfa Y'g]ghYa]_c'Um'
- x b'dUbY'XYb'dfc[fUa 'Ua U"
- I nU_fUb; U'i hifa U"
- <UZnUnU_'Umih'i) 'U'Ufa i[" fYV]a Y"
- ? cblfc'h 'Ufi. G'hd#GizfZA Ub' Y'žC'ca UH_žHYgž'G'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 "
> 9 B 9 F 5 H x F
J c ` t U > f @ @ z @ B E "
5 _ j a ` U f ` f @ @ & @ l @ E "
: f Y _ U b g "
9 6 9 ? 9
J c ` t U > f @ @ z @ B E "
: 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 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 f i 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 _ 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 f 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 _ 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 t "
D 7 f X Y b ` I G 6 _ U V c ` j Y ` a c X ` ` b ` c _ U ` c U f U _
d f c [f 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 k "

Standartlar

9 ` Y _ Y _ h f j _ g Y ` ; ` j Y b ` _ # 9 A 7 i m i b i _ ` 6 G ` 9 B ` * \$ -) \$
9 ` Y _ h f j _ j ` V U ` 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 _ h f c b _ ` 5 _ ` U f ` 7 j \ U n i

5 _ ` U f ` V U ` U n i g k j W X j b [! a c X Y j Y G A 8 ` t 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 f 5 _ ` z j ! = _ U f U _ h 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 W & j Y ` + z ` j c ` h f & (j k " ; j f ` % , ! * (j c ` h 5 7 " 7 j \ 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 ` D f c j b Y % & \$) # & (\$) : U f ` V U ` U n i z ` j b Y Y f : U f ` V U ` U n i 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 _ 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 _ j n c Y j [j f j Y , i _ i ` U f i (_ j f u _ 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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ANS 1A - Kabin



- 1 uY_l'gUVØUb'ntüdi
- 2 Acil durdurma butonu
- 3 Kontrol panosu
- 4 ? cfcncbUXUntübi_t_t_]hj Y'a YbFY Y'Yf
- 5 MU 'Vc U'fa U'a ctef''nYf]bXY j UbU]Y
- 6 Egzoz sistemi kabin içinde, gizli
- 7 <Yf_]ntübb hUFUZU'VU_ia i_c'UmU hfUb_]_]hYbYV]f'f[Yb] '_Udi'Uf
- 8 8Ydc! UgY
- 9 ? UXifa Uj Y'FU ia U'bc_hUgiz UgYj Yntü'_UV]b''nYf]bXY
- 10 GYgntü'ihia 'a U'nYa Y'Yf]
- 11 M_ ;_i_ i

y f' b' < U_ ibXU

5_gU'YbYfUhf f[fi d'Ufi'], b'u_i gh'_a '\YbX]g'Yf]hUFUZbXUb'ncf'\Uj Uj Y', Yj fY' UfhUfibU'i nfi i b[Y'] Hf]Yb'gYg
ntü'ihia iz_cfi a U'_UV]b'Yf]/]XYU'gYg'gY] jmYg]j Y'_cfi a U'gU 'UnUWU_ Y_]XY'hUgUFUbi'UF', _J 5'! '&+) _J 5'[, 'UFU'i ibXU
YbYfUhf f[fi d'Ufi'], b'a cX' YfzgYg'ntü'ihia '_UV]b'Yf]zU, i_[fi d''nYf]bY Xc fi XUb[]nX]fa Yntüdi'UV]a Y_'HYX]f''? UV]b'Yfz
[fi VU'_c'Umgyf] jg] Y VU_ia mUdUV]a Yj Y', U'i hi 'imYfXY dUf, U'XY] ja]bY'c'UbU'_gU 'UF''5ntü'nUa UbXU'YbYfUhf f
[fi Vi bi b', Yj fY'giWU'_i ibU[' fY'gc i ha UdYfZcfa Ubgi] Y[', ;_i_] XY Yf]bXY'\Yf\Ub[]gY] jnY X' ' ' ' a YnXUbU
[YH]fa YmYV'_ntüdiXU'c'a UgibU'X[_UhYX]YfY'_UV]b'YfX]nUhb'YX]a] X]f''? UV]b'Yf]b', Yj fY'giWU'_i i] Y'gYg
gY] jnYgji nfi i b'i i], b'dfchUhd hYghYf]ntüdi'Xi_hUb'gcbfU'' fYH]a]ntüdi'a i hif''

Standart Özellikler

i 8' ' _dfcZ']j Y'_Ud'Ua U'U'Übi''Unz'_ca dU_hUgUfia
i ? UV]b'z'YbYfUhf f'gYH'zY[ncn'g]ghYa]j Y'XYdc! UgY hY'_dU_Yhc'UFU'_gYj _YX]YVW'_ Y_]XYzV]fV]f]b]V'' h b'YmYVW'_j Y'_c'Um
a cbhU'], b[Y'] Hf]a] Hf'
i HYa]nYa Y'] 'Ya]bXYb[Y,]f]Yb', Y_l_ [' j XYb]b'dUf, U'Ufi'zdc'nYghYf' hcn'VcnU'mU'_Ud'Ubif]j Y'Zfib'Ubif
i 5 Yj ' " b'Yn]W]ntü'ihia 'g' b[Yf]
i GYf] j'g'bc_hU'UfibU'_c'UmYf] ja
i ? UV]b], Yf]g]bXY Y[ncn'g]ghYa]j Y'igi'ntü'ihia i
i _] hUFUZU[Yb] '_Udi'Uf
i ?]h]_Udi''nYf]bXY' YZUZdYbWfYXYb'_cbf'c''dUbcgi bi]nYmYV]a Y
i ? UV]b]b'Xi' ibU'a cbhU'U'UV]g'hd'Vi hcbi
i Gc i ha U'ZÜbi] Y' Uf'U'HYfbUhf f' Xc_i ba Untü'_Uf i'_cfi ba i hif
i ?]hYbYb'_Udi'] Y'ntü'ihXc'i a i j Y'U'_nY'Yf] ja
i UgYj Y'_UV]b''nYf]bXY'_UXifa U'bc_hU'Ufi]j Y' Ug]XY'Zc'f_]ZnW'd'Yf]z'5GA + '\Uf],
i GYg'ntü'ihia '_UV]b'] [fi d'Ufib'gYg'hYgh] &\$\$\$#%{ #97 nY'i nfi i b'c'UFU'_Gni hYghhUFUZbXUb'XYbYhYba Y_'HYX]f''

En	mm.	823
Boy	mm.	1672
Yükseklik	mm.	1127
MU_ihHUb_'? UdUg]HYg]	L	32