

# ALP 22

Motor : Lister Petter  
Alternatör : Stamford  
Kontrol Sistemi : P 602



## ISO8528

6i 'YbYfUht f [ fi Vi 'GC, ) & 'm bYha Y'L' UfhUfibi' \_Uf i'UntUWU\_gYj ]nYXY'kUgUFUba i' hf"

## SZUTEST

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



6i 'YbYfUht f [ fi Vi '7'9'gYfhZ\_U' UfhUfibiU'i m] i bXi f

## 2000/14/EC

GYG'mUthia '\_UV]b' [ fi d'Ufz\$\$\$#/( #7 '5j fi dU [ " f' h' m bYha Y' ] bY [ " fY'kYghYX] ]f"

u] ; 'WZ' !: UntZ) \$<nZ; : 'ŞZ

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kW	kVA	kW	Amp
400/230	22,00	17,60	19,00	15,20	27,00

Standby Güç (ESP): ; 'jYb]f' YVY\_Y' \_UnbU 'ibib'\_Yg]a Yg]Xi fi a i bXUzXY ] \_YbYY\_f]m'\_Y [ ' , fYa ]b\_Yha YXY'\_i "Ubrif"9GDz-GC, ) & 'Yi ma i' Xi f"5 ifi m'\_Ya YnY' ]n]b] Yf]a Ya ] hf"

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

Gi'gc i'ha U'X]nY'a ctef  
FUXntUht f]Y'a Y'\_Ub'\_ZUb  
8" bYb]j Y'giVW'\_dUF, UUFU'Xc'\_j ba Um'i" b'YnYb'\_cfi m'W'\_UZyg  
9'Y\_f] ]a Uf 'a ctefi j Y' Uf'U'fYfbUht f'  
5'\_f] ] f i b Ug]h]z'\_UV'c'Ufi j Y'gY'dUgi  
A ctef V'c'\_gi m' i'gihVgi  
uY'\_UgY j Y'f]fY 'ja " b'YnY]YHU'\_cn'Uf' UgYnY YbY [ fY'ntU'ihU'ub'\_  
9gbY'\_ntU'ihVU' 'Ubh'c'f] a 'Ufi  
HY'\_ntU'iz] Y < ntU'ia 'gibiZi' U'fYfbUht f'  
9bX' g]f]nY'\_UdUg]fYXY'gi g]h fi W j Y'YgbY'\_Y'\_ca dYbgUht f'  
9'Y'\_fcb'\_U'\_Uf'V'U'ni  
? i "Uba U'j Y'a cblU'^\_U'j i ni

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

### MOTOR

! 'i nU'\_fUXntUht f' 'gc i'ha U  
! '8" ' \_gi 'gYj ]nYg] U'Ufa i  
! 'MU' i'gihVgi

### ALTERNATÖR

! '-gihVZ' fi h' VYh' b'YnY]Y  
- Büyük güçte alternatör  
! 'u' i' ' U'fYf]

### KONTROL PANOSU

! 'HcdfU'\_U, U' iziY'\_YbYfUht f

### YARDIMCI DONATILAR

! 'C'ha U]\_j YntU'a Ubi Y'ntU'ihXci a 'g]ghYa ]  
! 'MU' 'Vc' U'ha UzY'dca dUgi  
! '8" ' \_j Y'm'\_gY'\_ntU'ihgYj ]nYg] U'Ufa i  
- Egzoz susturucusu, meskûn mahal tip  
! 'A i '\UZ]nU'\_UV]b]/gYg'ntU'ia 'i'hd] j YntU, i'\_U'Ub'hd]  
! '5'YhU'\_ja i'fVU'\_ja ], ]b't  
! '5bU'MU'ihHUb'\_i

### TRANSFER PANOSU

- Üç veya dört kutuplu transfer sistemi  
! 'y, j YntU'X' fh'\_j h' d' i' a ctefi ; i' i' ' U'fYf]

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

Üretici		Lister Petter		
Model		LPW 3		
G]bX]fj Y' HUGUfia		' G]bX]fj Ž GifU' H]d		
Hava Emme		8c U'9a ] ]		
Toplam Silindir Hacmi	L	1,390		
Çap ve Strok	mm	86 X 80		
G_i hfa U' CfÜbi		18.5:1		
Norminal Devir	d/dk	3000		
Governör Tipi		Mekanik		
MU' ? UdUg]Yg]	L	4,15		
Su Kapasitesi	L	6,50		
Emilen Hava Debisi	m³ /dk.	1,80		
Egzoz Gaz Debisi	m³ /dk.	72,60		
9[ ncn; Un' GiWÜ_ i i	° C	540,00		
Elektrik Sistemi		12 V d.c.		
MU_ ihH' _Y]a ]	Yük	%100	%75	%50
	L/sa	5,90	4,60	3,40

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

Üretici		Stamford		
Modeli		PI 42G		
Frekans	Hz	50		
Güç	kVA	20,00		
HUGUfia		: if, Uginž&_i h d'i		
Cos fi		0,80		
: Un' GUnigi		3		
Voltaj	V	400/230		
5_ia	A	28,00		
MU' ihfa ' Gibiž		H		
Stator		& #' UXia		
Rotor		HY_ ' MUÜ_ i' 9gbY_ ' 8]g_ ]		
_Un' G]g]Ya ]		Elektronik ( AVR )		

### 6CM H j Y' 5 ₺ @?

5, _; fi d	? i fi ' 5 ifi_	Boy	En	Yükseklik	MU_ ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
ALP 22	395,00	1250,00	850,00	1000,00	50,00
Kabinli Grup	? i fi ' 5 ifi_	Boy	En	Yükseklik	MU_ ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
AK 10	550	1850	860	1060	50

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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[b] ] 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\_cbfcc'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  
5VY'Xi fXi fa U'Vi hcbi j Y\_cbfcc'XYj fY'Yf] ], b'g[ c fU'Uf"

## 3 Müdi'j Y'6cnu

7\Un'Uf, Y\_L'gUWU'ja U'YX]a ] 'dUbc\_'UV]b]Y'a c bU'ntüdi'if"DUbc'gUWZc'gZU'h\_ ja ntUgU'i]Y'\_Ud'UbU'\_gUW  
m' nYm'\_cfcnc'buX]fYb, ]\UY' [ Yhf]f" Dc'mYghYfVY ]\_ hcn'VcnU'j Y Zfib'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'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\_ibVW'knYfY\_ hf]a ] hf"

## 5 Jeneratör Kontrol Ünitesi

&\$\$\_j 5\_XU\] j Y\_ , \_ \_ [ , XY\_] YbYfUf f[ fi d'Ufia inXU'8G9\* \$&\$'\_cbfccc'a cX"" ghU'buXU'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\_Ubgjz] c'kU'zU\_ ja iža chcf'ntü 'VUgibVZgc\_ i ha U'gi m' giVU\_ i iz, U'i a U'gU'U'zU\_ j c'kU'fbi]n'YnYVW\_ j Y'@7 8  
Y\_fUbXU[" ghYfYVW\_ Y\_]XY'kUgU'fUba i' hif"5mfVW'a cX"" YVY\_Y'j c'kU'fbi] Y ZY\_Ubgibi]n'Yfj Y'mXY\_ YbYfUf f  
[ fi Vi ]Y'cbU'VU\_ i[ , hfUbgZY'f'g]ghYa ]b]\_cbfccc'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 '@7 8 Y\_fUbXU[" ghYf]f"

### Standart Özellikler

- A\_]fc] 'Ya VY]Y'\_cbfccc"
- @7 8 Y\_fUbXUbzV[ ] Yf]\_c'Umc\_i a U"
- (! gifUz\*( ' % & [ fUz\_ Y\_fUb"
- YVY\_Y'j Y'YbYfUf f[ , Yf]U'fUgibXU'fU'Zf'\_cbfccc"
- x b'dUbY"" nYf]bXYb'a Ub'Y'dfc[ fUa 'Ua U"
- 6i hcb'Ufibi'nYfY\_ ja ] 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'ha UH\_žHYgržG'Ufz'Vi hcb'Ufi""@7 8 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 j 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 ` j \_ # 9 A 7 i m j 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 j n Y h g h U b X U f i "  
6 G ` 9 B \* \$ \$ \$ ! \* ! ( ` 9 A 7 ` Y a j g m e b g h U b X U f i "

## 9 ` Y \_ h f c b j \_ 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 j 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 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 ` 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 j i ` a Y j W h i f " F : = z j h 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 \_ j n c Y j [ j f j Y , i j 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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## 1 AK 10 - Kabin



- 1 uY\_l'gUvXUb'ntüdi
- 2 Acil durdurma butonu
- 3 ? cbfbc'dUbcbi 'gU 'HUFUZU' UgYnY'a cbHU'YXif
- 4 ? cfcncnbU'XUnübi\_'l'']hj Y'a YbFY 'Y'Yf
- 5 MU 'Vc U'ha U'Uhi'a ctef''nYf]bXY j UbU']Y
- 6 GYG'nüihia 'a UnYa Y'Yf]
- 7 8Ydc! UgY

## 2 y f' b' < U\_ ibXU

GYG'MU'ihia 'ij Y' ? cfi mi W' ? UV]b'Yf'5\_gU'YbYFUr f' [ fi d'Ufi' ], ]b\_U\_i gh' 'a 'YbX]g'Yf]'HUFUZbXUbžncf'Uj U j Y', Yj fy UfhUfribU'i m' i b' [ Y ] Hf]'Yb'gYg'nüihia 'iz\_cfi a U'UV]b'Yf]/[XYU'gYg'gY] jnYg]j Y'\_cfa a U'gU 'UnüWU\_' Y'XY'UgUf'UbiF'Uf' 5\_gU'UV]b'Yf]žduf, U'dUf, U'g' 'YV]]f'a cX'YfmüdiXUž[ fi VU'\_c'Umgyf] jg j Y'VU'ia 'ntüUV]a Y j Y', U'i h' 'mYfXY'dUf, U XY ] 'ja ]b'Y'c'UbU\_gU 'Uf'5nbi'nüa UbXU'YbYFUr f' [ fi Vi bi b', Yj fy'giVU\_'i'üU'[" fY'gc' i'ha U'dYfZ'cfa Ubgi'j Y' [ ' ' ' ' XY Yf]bXY'Yf'Ub[ ]gY] jnY'X' ' ' ' a YnXUbU'Y'Yhf'a YnYV'ntüdiXU'c'a UgibU'X'\_UhYX]Yfy'\_UV]b'Yf'X]nUmb'YX]a ] X]f' ? UV]b'Yf]b', Yj fy'giVU\_'i'j Y'gYg'gY] jnYg]i m' i b' i ], ]b'dfchUf]d'YghYf]'ntüdi'Xi'\_HUb'gcbfU' fY]f'a ]ntüdi'a i hif

## 3 Standart Özellikler

8' ' 'dfcz'] j Y'\_Ud'Ua U'U'Ubi'Unžfl'ca dU'\_H'UgUfia  
? UV]bž'YbYFUr f' gYHžY[ ncn'g]ghYa ] j Y'ntü'ihXYdcbi ž ' Ug]'Y'\_dU'Yhc'UfU'\_gYj '\_YX]YVW\_' Y'\_]XYžV]fV]f]b]V' h' b'YnYVW\_ j Y'\_c'Uma cbHU' ], ]b' [ Y' ] hf]a ] Hf'  
? ]a ntüGU'HYa ]nYa Y' ] 'Ya ]bXYb [ Y, ]f]Ybž'UV]b', Y'\_l'gUWdUf, U'Ufiž'dc'nYgHf'ken'VeñUmU'\_Ud'Ubif] j Y'žfif'Ubif 5'Yj ' " b'Yn]Ynüihia 'g' b [ Yf]  
GYf] ]g'bc'\_H'UfribU'\_c'UmYf] 'ja  
? UV]b' ], Yf]g]bXY'Y [ ncn'g]ghYa ] j Y'igi'ntüihia i '\_]HUFUZU' [ Yb ] '\_Udi'Uf  
? ]h]' '\_Udi'' nYf]bXY' YZUzdYbW'fYXYb'\_cbfbc'dUbcbi bi 'jn'YnYV]'a Y  
? UV]b]b'Xi' ibU'a cbHU'Y'UVY'ghcd'Vi hcbi  
Gc' i'ha U'ZÜbi'j Y' Uf'U'HYfbU'f' Xc\_j' ba Unü'\_Uf' i'\_cfa ba i' hif  
? ]]hYbYb'\_Udi']Y'ntü'ihXc'i a i' j' Y'U'\_mY'Yf] 'ja  
Ug]j Y'\_UV]b'' nYf]bXY'\_U'Xifa U'bc'\_H'Uf'i  
GYg'nüihia '\_UV]b'] [ fi d'Uf'ib'gYg'fYg]f] &\$\$#% ( #97 'm' i n' [ i b'c'UfU'\_Gni' fYgh]HUFUZbXUb'XYbYhYba Y'\_HYX]f'

En	mm.	860
Boy	mm.	1850
Yükseklik	mm.	1060
MU_ihHUb_'? UdUg]HYg]	L	50