

AP 450

Motor : Perkins
Alternatör : Mecc Alte
Kontrol Sistemi : P 732



ISO8528

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

SZUTEST

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



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

2000/14/EC

GYG'mU'ihia ' _UV]b' [fi d'Ufz\$\$\$#/(#7 '5j fi dU' [' f' h' 'm bYfa Y'] bY [" fY 'YghYX']f'

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

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kw	kVA	kw	Amp
400/230	450,00	360,00	410,00	328,00	591,80

Standby Güç (ESP): ; 'jYb]f' YVY_Y' _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 YXYZm'_ _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' ifi m'_Ya Y]] b'_i ' _Ubrif'

GH5B85F H'x N9@@?@9F

Gi'gc i'ha U'iX]nY'ia ctef
FUXntUf jY'a Y_Ub'_ZUb
8' bYb] Y'giWU'_dUF, UUFU'Xc'_i ba Um' b'YnYb'_cfi m' W' _UZyg
9'Y_f]] a Uf 'a ctefi jY' Uf'U'YfUfUf
5'_f]] f i b'Ug]h]z'_UV'c'Ufi jY'gY'dUg
A ctef V'c'_gi m' igihVgi
uY'_UgY jY' hfY 'a " b'YnY'YfU'_cn'Uf' UgYnY' YbY [fY'ntU'ihHUb_j
9gbY'_ntU'ihVU' _Ubh'c'f' a 'Ufi
HY'_ntU'iz jY' < ntU'ihia 'gibiZi' U'YfUfUf
9bX' gfh]nY' _UdUg]YXY'gi gh fi W jY'YgbY'_ , Y'_ca dYbgUf
9'Y_fcb'_U'_Uf'V'U'ni
?i 'Uba U'jY'a cblU'^_U'j i ni

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

MOTOR

! 'MU'ihgi' UmifWZ]hfY
! 'MU' igihVgi

ALTERNATÖR

! '-gihVZfi h' VYh' b'YnY'
- Büyük güçte alternatör
! 'u' i' ' U'Yf]

KONTROL PANOSU

! 'I nU'_HUb]Yf]]a jY'_cblfc'
! 'I nU' U'U'Ufa' dUby]
! '5 Ufa' ;] ' f' Y'Yf]
! 'I nU'_HUb]Yf]]a za cXYa]Y
! 'HcdfU'_U, U izfY'_YbYfUf f
! ' Uf'Ua dYfa YfYg]

YARDIMCI DONATILAR

! 'Cka UH_j YntU'a Ubi Y'ntU'ihXci a 'gghYa]
! 'MU' 'Vc' U'ha UzY'dca dUg
! 'MU' 'Vc' U'ha UzYY_f]] dca dU
- Egzoz susturucusu, meskûn mahal tip
! 'A i \UZUnU'_UV]b] /gYg'ntU'ihia 'ihdj jYntU, i'_U'Ub'ihj
! '<Uj U'_UbU'i'UXUdh f' ffUXntUf f' b' b' t
! 'A ctefi' dUbt f' fUj U [] jY' , i'_i' XYj fYg]k
! 'GYg'ntU'ihia 'i'_UbU' fUj U [] jY' , i'_i' XYj fYg]k
- Römorklar
! '5'YhU'_ja i'fVU'_ja]] b'k
! '5b]Z]n]jY'a ctef mU' 'Ua U'ntU' i'f' \$S7 ; Yj fY'giWU'_i']] b'k
! '5'_UbU'kUfi
! '5bU'MU'ihHUb_j

TRANSFER PANOSU

- Üç veya dört kutuplu transfer sistemi
! 'y, j YntU'X' fh_j h' d' i' a ctefi ; i'_i' U'Yf]

AP 450

Motor : Perkins
Alternatör : Mecc Alte
Kontrol Sistemi : P 732

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

Üretici		Perkins		
Model		2206A-E13TAG3		
G]j]bX]f]j Y' HUgUfia		* 'G]j]bX]f]j]ZGifU'i'H]d		
Hava Emme		Hi fVc' UF'Y]j Y'5fU'Gc i h W'i		
Maksimum Standby Güç		1500 d/dk		
		412,50 kw [553,20HP]		
Toplam Silindir Hacmi	L	12,500		
Çap ve Strok	mm	130x157		
G]i' hifa U'C fUbi		16,3:1		
Norminal Devir	d/dk	1500		
Governör Tipi		Elektronik		
MU' ? UdUg]Yg]	L	40,00		
Su Kapasitesi	L	51,40		
Emilen Hava Debisi	m ³ /dk.	26,40		
Radyatör Hava Debisi	m ³ /dk.	563,00		
Egzoz Gaz Debisi	m ³ /dk.	72,50		
9[ncn; Un'GiWU_ï i	° C	630,00		
Elektrik Sistemi		24 V d.c.		
MU_ihH' _Yfja]	Yük	%100	%75	%50
	L/sa	81,00	62,00	43,00

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

Üretici		Mecc Alte		
Modeli		ECO40-2S/4		
Frekans	Hz	50		
Güç	kVA	450,00		
HUgUfia		: if, Uginž('i h d'i		
Cos fi		0,80		
: Un'GUnigi		3		
Voltaj	V	400/230		
5_ia	A	649,50		
MU'ihia 'Gibiž		H		
Stator		&#* 'UXia		
Rotor		HY_ 'MUH_ï'9gbY_8]g_]		
_Un'G]g]Ya]		Elektronik (AVR)		

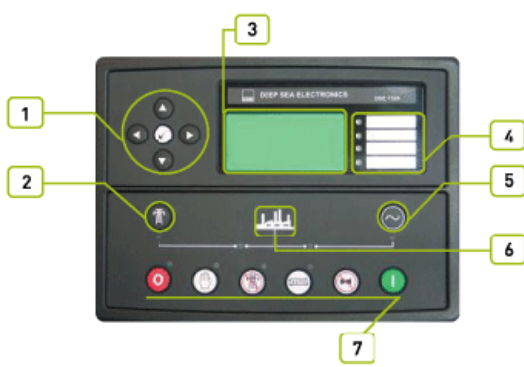
6CM Hj Y'5 ₺ @?

5, i; fi d	? i fi '5 ifi_ kg.	Boy mm.	En mm.	Yükseklik mm.	MU_ih8Ydc ? UdUg]Yg] L
AP 450					
Kabinli Grup	? i fi '5 ifi_ kg.	Boy mm.	En mm.	Yükseklik mm.	MU_ih8Ydc ? UdUg]Yg] L
MS 80		4810	1606	2615	850

AP 450

Motor : Perkins
Alternatör : Mecc Alte
Kontrol Sistemi : P 732

1 P 732 - Kontrol Sistemi



- 1 A Yb~ 'bUj][Ugncb 'Vi tcb'Ufi
- 2 YVY_Yj Y'fUbgZf'Vi tcbi
- 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 tcb'Ufi

2 Cihazlar

8G9ž a cXY''+ ' &\$'C tca UH_ ' YVY_Y'5finU']nYa Yj Y'YbYfUht f'_cbfrc``a cX''
9'Y'_frcb]_U_'' Uf'V\U'ni
5VY'Xi fXi fa U'Vi tcbi 'j Y'_cbfrc``XYj 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'nYm]_cfcnc'cbU'X]fYb ,]\U'Y [Y'f]f]f''Dc'mYgYfV]Y]_t'cn'VcnU'j Y'Zf'ib'Ua U] 'Ya]]Y'dUbc'_UV]b]bY'gcb'XYfYW
XUnübi_'i'VcnU'ntüdi'if''?]]h]j Y'a YbY Y']dUbc'_UdU 'i']Y'V\U'ni'U'U'i 'U a U'_c'UmXif''

4 Montaj

? cbfrc``dUbcgi ž'YbYfUht 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''
Dübcž'YbYfUht f [fi Vi bi b'ntü'bu'fUz'bzUž [" n\]nUgi'gYj]nYg]bY'nYfY 'f]f]f''

5 Jeneratör Kontrol Ünitesi

8G9'+ ' &\$
&&\$'_j 5 j Y''nYf] 'YbYfUht f [fi d'Ufia 'nXU'8G9+' &\$'_cbfrc``g]gY'a]gU'ubXU'fXif''9'Y'_frcb]_j Y'Y'_frcb]_c'a Unü'b
[Un] Y'X]nY'a ctef' 'YbYfUht f [fi d'Ufibib'c'tca UH_ 'c'UfU_ , U'i hifi'a Ugi'j Y'Xi fXi fi 'a Ugi' ,]b'fUgU'fUba 'i' hif''
5nfiW'a cX'' YVY_Yj c'fU'fbi'j Y'ZfY'_Ubgibi']n'Yf]j Y'nYXY_'YbYfUht f [fi Vi]Y'cbU'VU 'i [, 'fUbgZf'g]gY'a]b
_cbfrc``YXYf''

Standart Özellikler

A]_fc] 'Ya W]Y'_cbfrc``ntüdi'a 'i Xif
% &I '* ('d]_gY'ž@78 [" gYf[Y]Y'V] []Yf'_c'Um'i'_U'c_] bi f
A cX'''' b'dUbY]bXYb]j YntU'D7 j Y'ntü'ni'ia 'i] Ugi'fUgimU'dfc[fUa 'Ua U
M a i U_ 'h' 'i 'a Ya VfU'b'_Uj mY'j Y'VY 'h' 'i 'a Yb~ 'bUj][Ugncb
9H.YfbYhj Y'F G&' &ž'F G(,) j Ugi'fUgimU'i nU'_hU'b']Yh] '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 ctef'Y [nYfg]n'Xi fi a i] Y'VU_'ia 'dfc[fUa i
? cbfrc``h' 'Ufi. 'Ghcdž'A Ubi Y'ž'c'tca UH_ ž'HYghž'GHU'fž'GYgg]n'#@Ua VU'fYghž
>YbYfUht fY'fUbgZf'ž' YVY_Y'mY'fUbgZf'ž'A Yb~ 'bUj][Ugncb
A ctef'V'c_]gi m'i'igihW'_cbfrc``

AP 450

Motor : Perkins
Alternatör : Mecc Alte
Kontrol Sistemi : P 732

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 @ i @ z @ B t
5 _ j a f @ i @ & ! @ t
: f Y _ U b g
H c d f U _ _ U , U i
_ K
7 c g j
_ 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 @ i @ 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

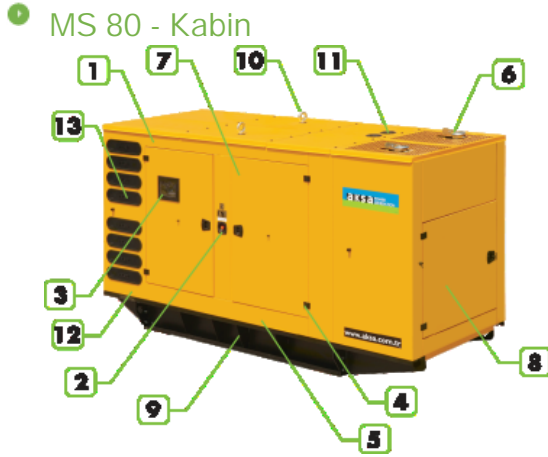
9 Y Y _ h f] g Y ' ; _ j Y b] _ # 9 A 7 i n i b i _
6 G 9 B * \$ -) \$ 9 Y _ h f] _]] V U n U f i
6 G 9 B * % \$ \$! * ! & 9 A 7 ' a i U Z n Y h
6 G 9 B * % \$ \$! * ! (' 9 A 7 ' Y a] g n c b g h U b X U f i

9 Y _ h f c b] _ 5 _ ' U f ^ 7] U n i

5 _ ' U f ^ U n i ' g k] h W] 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 ^ U n i z '] b Y Y f ' U f ^ 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 _ U _ j a i . & + z ' j Y n U % z j) 5 "

AP 450

Motor : Perkins
Alternatör : Mecc Alte
Kontrol Sistemi : P 732



- 1 uY_l'gUVXUb'müdi
- 2 Acil durdurma butonu
- 3 ? cblfc'dUbcbgi 'gU 'hUFUZU' UgYm'ya cblU'y
- 4 ? cfcncbU'XUhtübi_t_t_]hj Y'a YbY Y'Yf
- 5 MU 'Vc U'fa U'a ctef''nYf]bXY j UbU']Y
- 6 Egzoz sistemi kabin içinde, gizli
- 7 <Yf_]nÜb hUFUZU'VU_ia t_c'UmU hifUb_]']hYbYV]']f[Yb] '_Udi'Uf
- 8 x b'j Y'Uf_UXU'VU_ia t_c'UmU hifUb_]']hYbYV]']f[Yb] '_Udi'Uf
- 9 8Ydc! UgY
- 10 ? U'Xifa U'j Y'U'ia U'bc_hUgiz UgY'j YntU'_UV]b''nYf]bXY
- 11 F UXntU'h f'gi 'Xci'a i j Y'ntU 'Xci'a i],]b'_Udu
- 12 GYg'nÜ'ihia 'a U'nYa Y'Yf]
- 13 D'Ugh_l_\Uj U'Ya] 'Wd'Yf]

y f' b' < U_übXU

GYg'nÜ'ihia t'j Y' ? cfi ni W ? UV]b'Yf'5_gU'YbYFUh f[fi d'Ufi'],]b_U_ j gh_ 'a '\YbX]g'Yf] hUFUZbXUbzncf\Uj U'j Y', Yj fY UfhUfibU'i m' i b[Y'] h'f]Yb'gYg'nÜ'ihia 'iz_cfi a U'_UV]b'Yf]/XYU'gYg'Yj]nYg]j Y'_cfi a U'gU 'UhtUW'_ Y_]XY hUgU'Ubif'U'5_gU'_UV]b'Yf]z'dUf, U'dUf, U'g''_YV]']fza cX'' Yf'müdiXUZ[fi VU'_c'UmigYf]]g'j Y'VU_ia 'ntüUV]a Y'j Y', U'i h' i nYfXY'dUf, U'XY']]a]b'Y'c'UbU'_gU 'U'5nbi'nUa UbXU'YbYFUh f[fi Vi bi b', Yj fY'giWU'_i 'ibU[" fY'gc i'ha U'dYfZ'fa Ubgij Y [, ; , t] XY Yf]bXY'\Y'Ub[]g'j]nY'X' ' ' ' ' 'a YnXUbU[Y'hfa YnYV'_müdiXU'c'a UgibU'X]_UhYX]YfY'_UV]b'Yf'X]nUmb YX]a] X]f''? UV]b'Yf]b', Yj fY'giWU'_i t'j Y'gYg'Yj]nYg]i m' i bi ' i],]b'dfcU]h'd'Y'ghYf] müdi'Xi'_hUb'gcbfU'' fY]fa] müdi'a i h'f

Standart Özellikler

8'' '_dfcZ']j Y'_Ud'Ua U'U'Ubi'Unz'f]ca dU'_h'UgUfia
? UV]bz'YbYFUh f'gYh'z'Y[ncn'g]ghYa]j Y'ntU_ihXYdcgi ž Ug]hY'_dU'Yhc'UFU'_gYj '_YX]YW'_ Y_]XYZ'V]fV]f]b]V'' h' b'YnYW'_ j Y'_c'Uma cblU'],]b[Y'] h'f]a] h'f'
?]a ntUgU' hYa]nYa Y'] 'Ya]bXYb[Y,]f]Ybž'_UV]b', Y'_l'gUWdUf, U'Ufiž'dc'nYghYf' hcn'VcnUmU'_Ud'Ubif' j Y'Zfib'Ubif
5 Yj '' b'YnY'ntU'ihia 'g' b[Yf]
GYf]]g'bc'_hU'UfibU'_c'UmYf]]a
? UV]b], Yf]g]bXY Y[ncn'g]ghYa]j Y'igi'ntU'ihia i
_'hUFUZU[Yb] '_Udi'Uf
?]h] '_Udi'' nYf]bXY' YZUZdYbW'fYXYb'_cblfc'dUbcbgi bi]nYnYV]a Y
? UV]b]b'Xi 'ibU'a cblU'Y'UWY'ghcd Vi h'cbi
Gc i'ha U'Zbij Y' Uf'U'YfbU'h f' 'Xc_i ba UhtU'_Uf t'_cfi ba i h' f
?]hYbYb'_Udi']Y'ntU_ihXc'i a i j Y'U'_ nY Yf]]a
Ug]j Y'_UV]b'' nYf]bXY'_U'Xifa U'bc'_hU'Ufi
GYg'nÜ'ihia '_UV]b'] [fi d'Ufib'gYg'hYgh] &\$\$\$#(#97 nY i m' i b'c'UfU'_Gni hYghhUFUZbXUb'XYbYhYba Y_hYX]f'

En	mm.	1606
Boy	mm.	4810
Yükseklik	mm.	2615
MU_ihHUb_? UdUg]hYg]	L	850