

AVP 415

Motor : Volvo Penta
Alternatör : Mecc Alte
Kontrol Sistemi : P 732



ISO8528

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

SZUTEST

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



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

2000/14/EC

GYG'mUihA ' _UV]b'] [fi d'UfZ&\$\$\$#/(#97 '5j fi dU' [' f' h' m bYfa Y'] bY [" fY' hYghYX]]f"

u [] ; 'WZ' !: UntZ) \$<nZ; : '\$Z

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kw	kVA	kw	Amp
400/230	415,00	332,00	380,00	304,00	548,49

Standby Güç (ESP): ; 'jYb]f' YVY_Y' _UnbU 'ibib'_Yg]a Yg]Xi fi a i bXUZY] _YbYY_hf_]m_Y [' , fYa]b_Yfa YXY'_i 'Ubrif'9GDZ-GC ,) & , 'Yi ni 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 YXYZmi'_gibifgin' , U i a U gUUh]] b'] 'Ubrif'DF DZ-GC ,) & , 'Yi ni a i Xi f' -GC' \$(* mU [' fY' %&gUUh, U i a U dYf]ncXi bXU%gUUh%\$& ' U ifi m_Ya Y]] b'] 'Ubrif"

GH5B85FHx N9@@?@9F

Gi 'gc i' ha U i X]nY' a ctefF UxnUhf f j Y a Y _Ub] _Zub' 8* bYb j Y giVW' _dUf, UUFU'Xc_i ba Uni' b'YnYb' _cfi mi W' _UZ]g'9Y_hf_]a Uf 'a ctef j Y' Uf^U'YfbUhf f' 5_ _f] f i b Ug]hZ_UV'c Ufi j Y'gY'dUgi' A ctefV'c_gi mi 'igihVgri' u Y' _ UgY j Y' hYfY]a " b'YnY'YbY [fY nU'ihUub_i'9gbY' _nU'ihVU' _Ubh \cfhi a 'Ufi HY' _nU'izj Y' < nU'ihA 'gibiz' U'YfbUhf f'9bX' gfi]nY' _UdUg]hYXY' gi gh fi W j Y'Ygb_Y' _Y'_ca dYbgUhf f'9Y_hfcb] _U' _ Uf^VX'Uni'? i 'Uba U j Y a cblU' _Uj i ni ; fi d'Ufih ZY' _Ubg] Y j c'U'fY [' Ugnobi 'GC ,) & , !) Yi ni a i B: D5%\$U [cY' i %\$ \$ m' _' _U'Xifa U' _UXif"

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

MOTOR

! 'MU' _ihgi' _UmifWZ]hfY
! 'MU' _igihVgi

ALTERNATÖR

! '-gihVZfi h' Vh' b'YnY'
- Büyük güçte alternatör
- PMG ikaz sistemi + AVR
! 'u' _i' _U'Yf]

KONTROL PANOSU

- Otomatik senkronizasyon ve güç kontrol sistemi (çoklu paralel jeneratör)
! ' YVY_Y']Y' g' fY' _]dUfUY' _]g]hYfa
! ' YVY_Y']Y [Y ,] 'gyb_fcbi' _]g]hYfa]
! 'I nU' _U'U'Ufa' _dUbY'
! '5 Ufa ; _] _f' Y'Yf]
! 'I nU' _hUb]Yh]]a za cXYa]Y
! 'HcdfU' _U, U izfY' _YbYfUhf f
! ' Uf^Ua dYfa YfYg]

YARDIMCI DONATILAR

! 'C'ha U] _j YnU' a Ubi Y' nU' _hXci a 'g]hYfa]
! 'MU' _Vc' U'ha UzY'Y_hf_]dca dU
! '8' _] _j Y' m' _gY' _nU' _ihgYj]nYg] U'Ufa i
- Egzoz susturucusu, meskün mahal tip
! 'A i \UZ]nU' _UV]b] /gYg' nU'ihA ' ihjd j YnU' U, i' _U'Ub' ihd
! '< Uj U' _UbU' i' UXUdh f' ffUXnUhf f' b' t
! 'A ctef i' dUb' f' fU' Uj U [] j Y , i' _] XYj fYg] t
! 'GYg' nU'ihA ' _UbU' fU' Uj U [] j Y , i' _] XYj fYg] t
! '5 YhU' _ia i' fVU' _ia]] b' t
! '% \$\$\$ \$\$\$, U i a U gUUh]]] b' VU' _ia 'gYh
! '5b]Z]n j Y' a ctef mU' _Ua U nU' i' f' '\$\$7 , Yj fY' giVW' _i' i'] b' t
! '5bU' MU' _ihHUb' _i

TRANSFER PANOSU

- Üç veya dört kutuplu transfer sistemi
! 'y , j YnU' X' fh_j h' d' i' a ctef i ; _] _] _U'Yf]

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

Üretici		Volvo Penta
Model		TAD1343GE
G]bX]fj Y' HUgUfia		* G]bX]fj ŽGifU'i H]d
Hava Emme		Hi fVc' UF'Yj Y'5fU'Gc i h W'i
Maksimum Standby Güç		1500 d/dk
		366,00 kw [498,00HP]
Toplam Silindir Hacmi	L	12,780
Çap ve Strok	mm	131X158
Güç Hava U'Ç fUbi		18,1:1
Norminal Devir	d/dk	1500
Governör Tipi		Elektronik
MU' ? UdUg]Yg]	L	36,00
Su Kapasitesi	L	44,00
Emilen Hava Debisi	m ³ /dk.	27,00
Radyatör Hava Debisi	m ³ /dk.	420,00
Elektrik Sistemi		24 V d.c.
MU_ihH' _Y]fa]	Yük	%100
	L/sa	83,50

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

Üretici		Mecc Alte
Modeli		ECO40 1S/4
Frekans	Hz	50
Güç	kVA	400,00
HUgUfia		: if, Uginž(' _i h d'i
Cos fi		0,80
: Un'GUnigi		3
Voltaj	V	400/230
5_ia	A	577,00
MU'ihia 'GibiZ		H
_Un'G]g]Ya]		Elektronik (AVR)

6CM H'j Y'5 ₺ @?

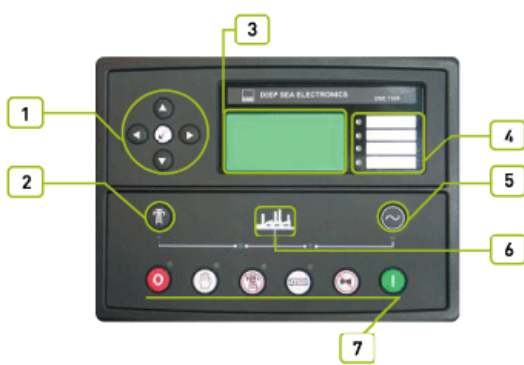
5, i_ ; fi d	?i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
AVP 415		3138,00	1550,00	1855,00	700,00
Kabinli Grup	?i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
MS 70	4040	4460	1606	2477	700

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P 732 - Kontrol Sistemi



- 1 A Yb~'bUj][Ugncb'Vi hcb'Ufi
- 2 YVY_Yj Y'fUbgZf'Vi hcbi
- 3 @78'jYj '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 uÜi a U' Y_]gY, a Y Vi hcb'Ufi

Cihazlar

8G9ž'a cXY''+ ' &\$'C hca UH_ ' YVY_Y'5finU'jnYa Yj Y'YbYfUht f'_cbhfc''a cX''
9'Y'_fcb]_U_'' Uf'V\Unü
5VY'Xi fXi fa U'Vi hcbi 'j Y'_cbhfc''XYj fY'Yfj] ,]b'g][cftU'Uf

Müdi'j Y'6cniU

7]\Un'Uf , Y]_gUWUba]a U'YX]a] 'dUbc'_UV]b]bY'a cbHU'ntüdi'if''Dübc'gUWZc'gZU'h_]a ntUgÜ'i']Y'_Ud'UbUfU'_gUW
m'nYmj'_cfcncbU'X]fYb ,]\U'Y [Y'hj]f''Dc'mYghYfV]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 YbY Y']dUbc'_UdU 'i']Y V\Un'UfU'i 'U a U'_c'UmXif''

Montaj

? cbhfc''dUbcgi ž'YbYfUht f [fi Vi ' Ug]g]''nYf]bXY_]gU 'Ua ; Y]_Unü_Ufj YntU [, ;]_i 'Y'Yfa]bU'a cX''''nYf]bY
a cbHU'ntüdi'if''
Dübcž'YbYfUht f [fi Vi bi b'ntübu'fUfUZbUZ [" n\]nUgi'gYj]nYg]bY'nYfY]f]f''

Jeneratör Kontrol Ünitesi

8G9'+ ' &\$

&&\$'_j 5 j Y''nYf] YbYfUht f [fi d'Ufia inXU'8G9+' &\$'_cbhfc''g]gY'a]ghUbXUfXif''9'Y'_fcb]_j Y'Y'_fcb]_c'a Unübu
[Unj'Y'X]nY'a ctef'i 'YbYfUht f [fi d'Ufibib'chca UH_'c'UfU_ , U'i hifi'a Ugi'j Y'Xi fXi fi 'a Ugi] ,]b'fUgUf'Uba 'i' hif''
5nfiW'U'a cX'' YVY_Yj c'fU'fbi'j Y'ZfY'_Ubgibi'jn'Yfj Y'nYXY_'YbYfUht f [fi Vi]Y'cbU'VU 'i [, 'fUbgZf'g]gY'a]b
_cbhfc''YXYf''

Standart Özellikler

A]_fc] 'Ya VY]Y'_cbhfc''ntüdi'a 'i Xif
% &I '* ('d]_gY'ž@78 [" gYf[Y]Y V] []Yf'_c'Unü'_U'c_] bi f
A cX'''' b'dUbY]bXYb j YntU'D7 j Y'ntüdi'ia 'i'j Ugi'fUgimU'dfc[fUa 'Ua U
M a i U_'h' 'i 'a Ya VfU'_'Uj mY'j Y'VY 'h' 'i 'a Yb~'bUj][Ugncb
9h.YfbYhj Y'F G&' &ž'F G(,) j Ugi'fUgimU'i nU'_hUb']Yh] 'ja j Y'GA G]Y'fUdcf'U'a U
HUf] j Y'gUUh]Y'_UmihXYZf]bXY'UfinU'c'Um'f] \$E [" gY'fa Y
uc_'i 'fUf] j Y'gUUh]Y'a ctef'Y [nYfg]n'Xi fi a i] Y'VU_'ia 'dfc[fUa i
? cbhfc''h' 'Ufi. 'Ghcdž'A Ubi Y'ž'Chca UH_ž'HYghž'GHUfž'GYgg]n'#@Ua VU'fYghž
>YbYfUht fY'fUbgZf'ž' YVY_YnY'fUbgZf'ž'A Yb~'bUj][Ugncb
A ctef'V'c_'gi m'igihW'_cbhfc''

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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 ^
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 @ _ @ B _
5 _ j a _ f @ _ @ _ @ _
: 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 ? ?
J c ' U > f @ _ @ B _
: f Y _ U b g

Koruma Devreleri

? 5 N
U f ^ U f i n U g i
8 ^ _ _ U _ j c ' U ^
G h c d ' U f i n U g i
8 ^ _ _ n U _ i h g Y j] n Y g] f t d g _
_ 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 ^
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 ^
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 &) (, _
; Y b] ' a f ^ ' Y ' a c X ^ _ _ f & %) + _
; Y b] ' Y a [] f] ' a c X ^ _ _ f & % \$ _

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

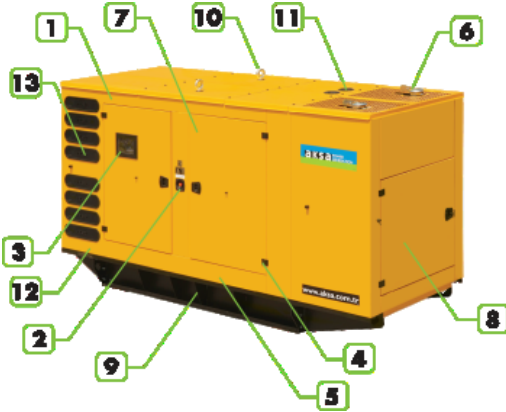
5 _ _ U f ^ V U n i _ g k] h W] b [! a c X Y j Y ' G A 8 H Y _ b c ' c] g]] Y ^ f Y] a] X] f j Y ' m _ g Y _ j Y f] a Y ' g U \] d h f "
5 _ _ Z J ! = _ U f U _ h Y f] g h _ Y f] g] b Y [" f Y ^ U f ^ Y X]] f "
7] U n i , i _ i _ i g U X Y j f Y n Y _ U f _ i _ c f i b a i _ h f "
& (\$) ^ U f ^ V U 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 i f
U f ^ U f i n U g i , i _ i ' a Y j W h i f "
;] f] j c ' U ^ : % , ! & * (J "
u i _ U _ j a i . & + z ^ j j Y n U % z J) 5 "

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MS 70 - Kabin



- 1 uY_l'gUVXUb'müdi
- 2 Acil durdurma butonu
- 3 ? cblfc''dUbcgi 'gU 'hUFUZU' UgYm'ya cbU'Y
- 4 ? cfcncbU'XUtbü't'']hj Y'a Yb'Y Y'Yf
- 5 MU 'Vc U'fa U'a ctef''nYf]bXY j UbU']Y
- 6 Egzoz sistemi kabin içinde, gizli
- 7 <Yf_l']ntü b hUFUZU'VU_ia t'_c'UmU h'fUb'_']hYbYV]f' [Yb] '_Udi'Uf
- 8 x b'j Y'Uf_UXU'VU_ia t'_c'UmU h'fUb'_']hYbYV]f' [Yb] '_Udi'Uf
- 9 8Ydc! UgY
- 10 ? U'Xifa U'j Y'U' ia U'bc_hUgiz' UgY'j Yntü'_UV]b''nYf]bXY
- 11 F UXntü h'fgi 'Xci'a i j Y'ntü 'Xci'a i j,]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 'ij Y' ? cfi ni W ? UV]b'Yf'5_gU'YbYUht f' [fi d'Ufi'],]b_U_i 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'gY]nYg]j Y'_cfi a U'gU 'UhtUW'_ Y_]XY hUgUfUbi'U'f'5_gU'_UV]b'Yf]z'dUf, U'dUf, U'g''_ 'YV]f]za cX' Yf'müdiXUZ[fi VU'_c'UmigYf]]g'j Y'VU_ia 'ntüDUV]a Y'j Y', U'i h' i nYfXY'dUf, U'XY ']a]b'Y'c'UbU'_gU 'U'f'5nbi'nUa UbXU'YbYUht f' [fi Vi bi b', Yj fY'giWU'_i 'ibU[" fY'gc i'fa U'dYfZ'fa Ubgij Y [', ; , t'] XY Yf]bXY'\Yf'Ub[]g'j]nY'X' ' ' ' ' ' a YnXUbU['Yh'fa YnYV'_müdiXU'c'a UgibU'X]_U'hYX]YfY'_UV]b'Yf'X]nUmb YX]a] X]f' ? UV]b'Yf]b', Yj fY'giWU'_i 'ij Y'gYg'gY]nYg]i m' i b' i '],]b'dfch'hd' h'ghYf] müdi'Xi'_hUb'gcbfU'' fY]a]ntü'di'a i' h'f

Standart Özellikler

8' ' ' 'dfcZ']j Y'_Ud'Ua U'U'ubi'Unz'f]ca dU'_h'UgUfia
? UV]bz'YbYUht f'gYh'zY[ncn'g]ghYa]j Y'ntü_ihXYd'c'gi ž Ug]h'Y'_dU'Yhc'UfU'_gY]_YX]YVW'_ Y_]XYZ'V]fV]f]b]V' h' b'YnYVW'_ j Y'_c'Uma cbU'U'],]b' [Y] h'f]a] h'f'
?]a ntüG'U' h'Ya]n'Ya Y'] 'Ya]b'XYb' [Y,]f]Yb'z'_UV]b', Y'_l'gUWdUf, U'Ufi'z'dc'nYghYf' h'cn'VcmUmU'_Ud'Ubif'j Y'Z'fib'Ubif 5 Yj ' " b'YnYV'ntü'ihia 'g' b[Yf] GYf]]g'bc_hU'UfibU'_c'UmYf]]a ? UV]b'], Yf]g]bXY Y[ncn'g]ghYa]j Y'igi'ntü'ihia i '_hUFUZU' [Yb] '_Udi'Uf ?]h] '_Udi'' nYf]bXY' YZUZdYbW'fYXYb'_cblfc''dUbcgi bi]n'YmYV]a Y ? UV]b]b'Xi 'ibU'a cbU'U'U'WY'gh'ed Vi h'ebi Gc i'fa U'Z'bi'j Y' U'f'U'Yf'U'ht f' 'Xc_i ba Uht'_Uf' i'_cfi ba i' h'f ?]h'YbYb'_Udi']Y'ntü_ihXc'i a i j Y'U'_ nY'Yf]]a Ug]j Y'_UV]b'' nYf]bXY'_U'Xifa U'bc_hU'U'fi GYg'nü'ihia '_UV]b'] [fi d'Ufib'gYg'hYgh] &\$\$\$#% (#7 nY' i m' i b' c'UfU'_Gni h'gh'UfUZbXUb'XYbYhYba Y'_hX]f'

En	mm.	1606
Boy	mm.	4460
Yükseklik	mm.	2477
MU_ihHUb_? UdUg]hYg]	L	700