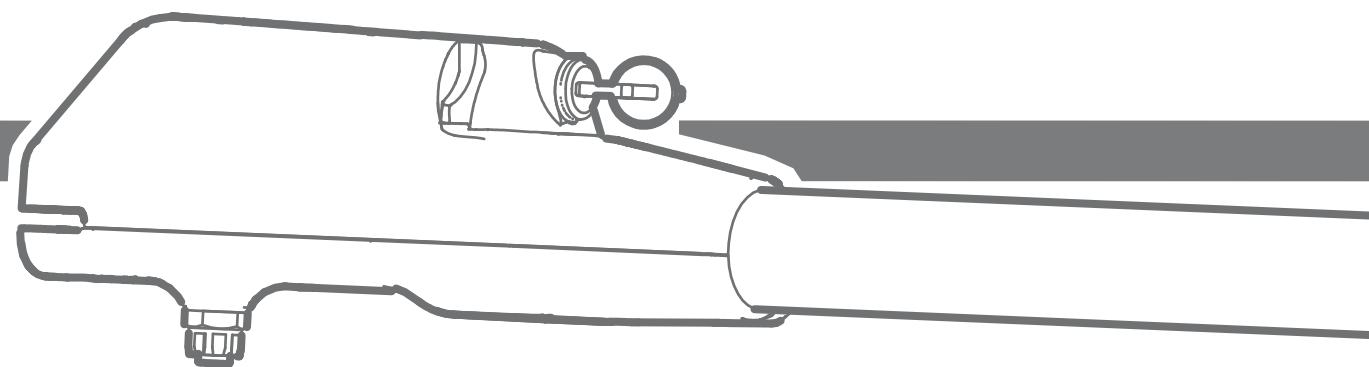
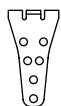


= b g h U ` ` U h] c b g ! ` i b X ` 6 Y h f



ACE

8 F 9 < H C F ! 5 I H C A 5 H = G = 9 F I B ;



3. = BGH5@@5H=CB

3.1 Jcf` }iZ][Y`Df`Zib[Yb

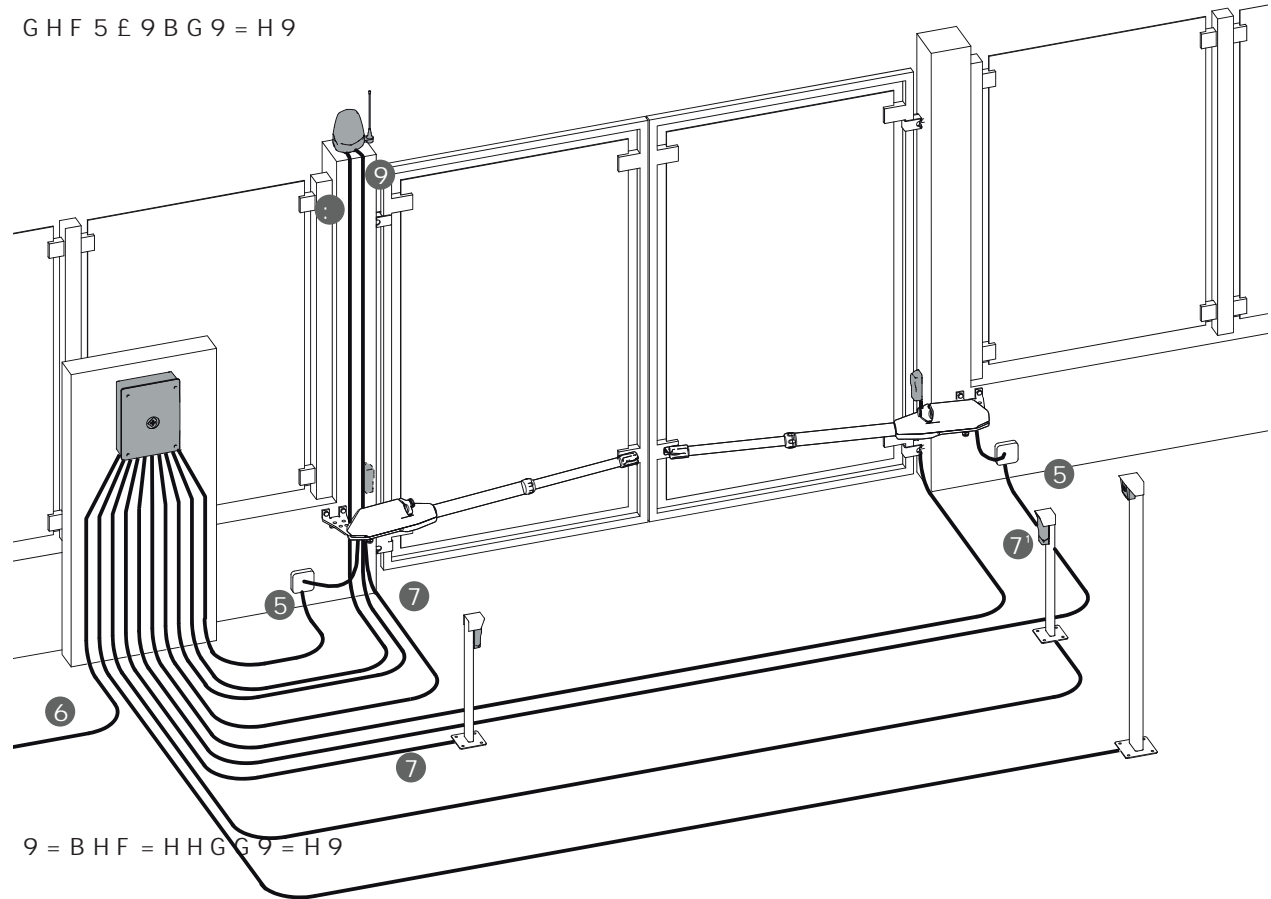
6Yjcf`G]Y`a]h`XYf`=bghU`Uh]cb`ZcfhZU`fYbž`]gh`Yg`nif`;Yk}\f`Y
5ihcaUh]g]Yfib[`bchkYbX][ž`X]Yg`ni`-VYfdf`ZYb.

! 8]Y`Ghfi`_hif`XYg`;UhYg`]gh`[YY][bYhž`Ui`hcaUh]g]Yfh`ni`kYfXYb"
! 8Ug`;Yk]W\hž`X]Y`5VaYggi`b[Yb`i`bX`X]Y`Ghfi`_hif`XYg`HcfYg`g]bX`Z`
! 8Ug`Hcf`]gh`a]h`aYW\Ub]gW\Yb`5bgW\`}[Yb`ni`a`xZZbYb`i`bX`GW\`]YÉY
! 8]Y`GW\Ufb]YfY`XYg`HcfYg`g]bX`]b`[ihYa`Ni`ghUbX`i`bX`dYfZY`h`[YZY
! 8Ug`Hcf`"ZZbYh`i`bX`gW\`]YÉYf`Yg]FW\`VgiUbb[Zchd`i`bb`Xh`Yc`\`bY`VYgcbX
! 8Yf`6YZYgh][igb[5b`hYf]Y]VW\`Xg`h`a]h`XYb`;YgUahUVa`Y`g`g`d`b`h`Y`W`Y`X`Y`f`b`&`Y`Z`Y`g`f`
D`Uhn`jcf`\UbXYbž`i`a`XUg`9bhf]Y[Y`Xiibf[V`anU`bZ`j`YffY`bY"]bZUW\`i`bX`g]W\Yf`
! 8Yf`Dcg]h]c`b`X`f`igb[5b`hYf]Y]VW\`k]fX`b]W\h`-VY]fZf`Y`h`Y`G]Y`ZXUY`b`g`5`b`f`f`Z]c`f`W`Y`f`
! KYbb`g]W\`X]Y`5ihcaUh]g]Yfib[`]b`XYf`:`U`f`n`Yi[dUggU[Y`cXYf`]a`FU
GW\i`hn`[Y[Yb`i`bVYUVg]W\h][hY`Gh`ÉY`ni`[Yk}\f`Y]ghYb"
! 9g`VYghY`h`Y]bY`YZZ[n]YbhYg`9fXi`b[gjYfV]bXi`b[`XYg`GmghYa
! 8]Y`6YZYgh][ib[gZ`]W\Yb`XYf`:`chcnY`Yb`g]bX`Z`UW\`Y`b`Xi`&`X`a`9`d`Z`W`b`

3.2 9`Y_hf]gW\Y`Df}X]gdcg]h]cbYb

3.2.1 5B@5; 9HMD

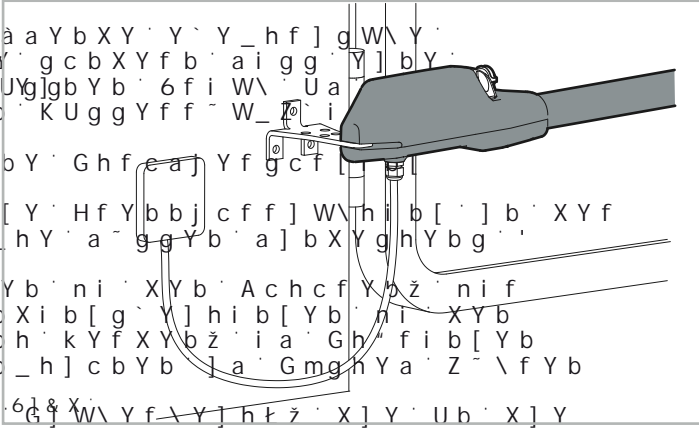
6] % X`
GHF5E9BG9=H9



9 = BHF = HHG G9 = H9

	230V	24V
A`5`b`h`f`]`Y`Z`c`f`X`Y`f`%`ž`W\`g`g`X`&d`%`ž`)		
B`h`Y`g`]`Y`Z`c`f`X`Y`f`%`ž`W\`g`g`X`&d`%`ž`)		
C`@`]`W\`h`g`W\`f`U`b`_`Y`b`&`I`\$`ž`+`f`l`(`I`\$`ž`+`)		
D`GW\`-`ggY`g`W\`&`I`\$`ž`f`)		
E`5`b`h`Y`b`b`Y`_`c`U`I`]`U``F`;`_`c`U`I`]`U``F`;`)		
F`6`]`b`_`Y`f`&`I`\$`ž`+`)		

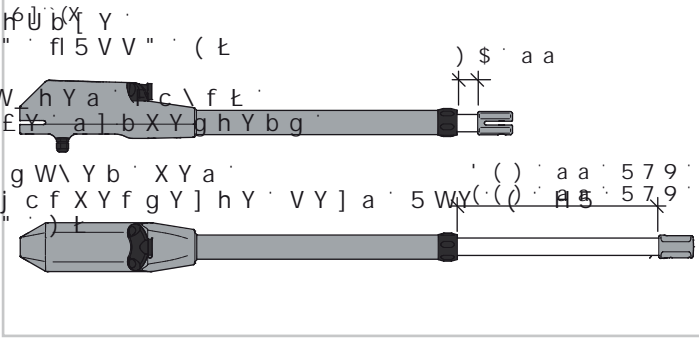
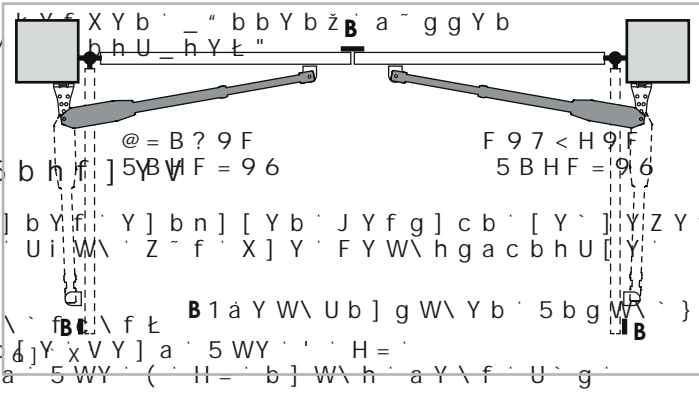
i 8Ug Uig XYa GhY U bhf] YVUVYa aYbXY Y Y hf] gW\Y
 XUfZ b] W\h [YghfYW_h kYfXYbZ gcbXYfb aigg Y] bY
 ?ifjY bUW\ i bhYb aUW\YbZ9]iba UY]gbYb 6fi W\ Ua
 XYg ; Yhf] YVYachcf g i bX Y] bYb KUggYff W_ i
 jYfaY] XYb" fl5VV" & t
 i 5 Y JYfV] bXi b[Yb a ggYb c\ bY Ghfca] Yfgcf
 \Yf[YghY h kYfXYb"
 i Gcf[Yb G] Y Z f Y] bY U dc] [Y HfYbbj cff] W\hib [] b XYf
 B} \Y XYg GmghYag flX] Y ?cbhU_hY a ggYb a] bXYghYbg
 aa [fcE gY] b t
 i 8] Y Ghfcaj Yfgcf [i b[g Y] hib [Yb ni XYb Achcf Yz ni f
 GhYi YfY] b \Y] h i bX X] Y JYfV] b Xi b[g Y] hib [Yb ni XYb
 Ni VY\ " fhY] Yb a ggYb [YhfYbbh kYfXYbz ia Gh fib [Yb
 ni jYfaY] XYbz X] Y ni : Y\ Zi b_h] cbYb] a GmghYa Z \fYb
 " bbhYb"
 i 5 Y ; Yf] hY flGhYi Yfi b [cXYf 6] X W\ Yf \Y] h f z X] Y Ub X] Y
 GhYi YfY] b \Y] h Ub [YgW\ cggYb
 gdUbbi b [gZfY] gY] b flhfcW_YbY



3.3

F Y W\ h Y f c X Y f fl b b_X Y f t 5 b h f] 5 V V F = 9 6

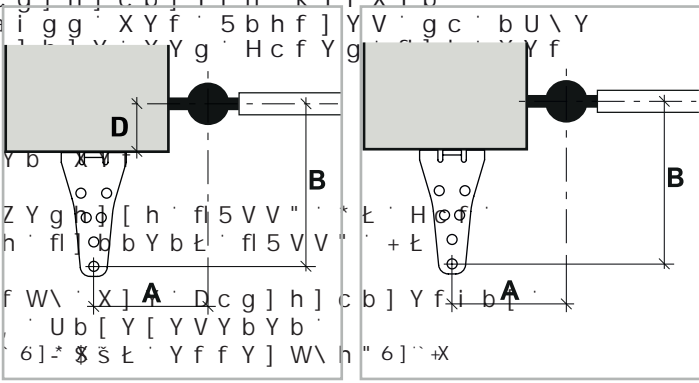
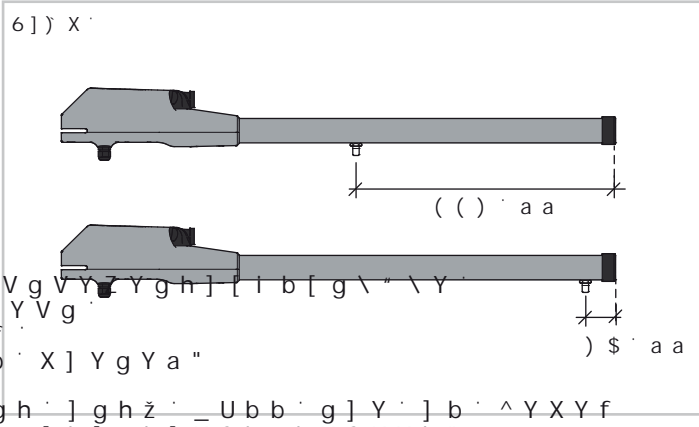
8] Y GhY U bhf] YVY kYfXYb] b Y] bYf Y] bn] [Yb JYfg] cb [Y YZYf h z
 X] Y gckc\ Z f X] Y @] b_g! U g UiiW\ Z f X] Y FYW\ hgacbhU
 jYfkYbXYh kYfXYb _Ubb"
 579 H=! GhY U bhf] YVY kYfXYb] b Y] bYf Y] bn] [Yb JYfg] cb [Y YZYf h z
 6Y] [YgW\ cXgUfYZb YXf] YH f c VYbghUb jY xVY] a 5WY H=
 b] W\h aY\ f U g () aa i bX VY] a 5WY (H= b] W\h aY\ f U g
 () aa VYhfU [Yb"
 KYbb X] Y H f a Y g Z X Y M pgh Y Ybg flU b X Y
 a] bXYghYbg) \$ aa \YfUi gghY \Yb fl5VV" (t) \$ aa
 579 H5! GhYf J YUf b h] f c] bY Va] h UV [YXYW hYa c f t
 KYbb X] Y H f [YgWg c g Y b Y] ghz f Y a] bXYghYbg
) \$ aa VYhfU [Yb"
 6Y] [Y Z Z X Y U f Y Z f X H f f 5VghUbX nk] gW\ Yb XYa () aa 579 H=
 5bhf] YVgVc nYb i bX XYf ?c VYb] c f XYf gY] hY VY] a 5WY () aa 579 H=
 aU] aU () \$ aa VYhfU [Yb fl5VV" ()



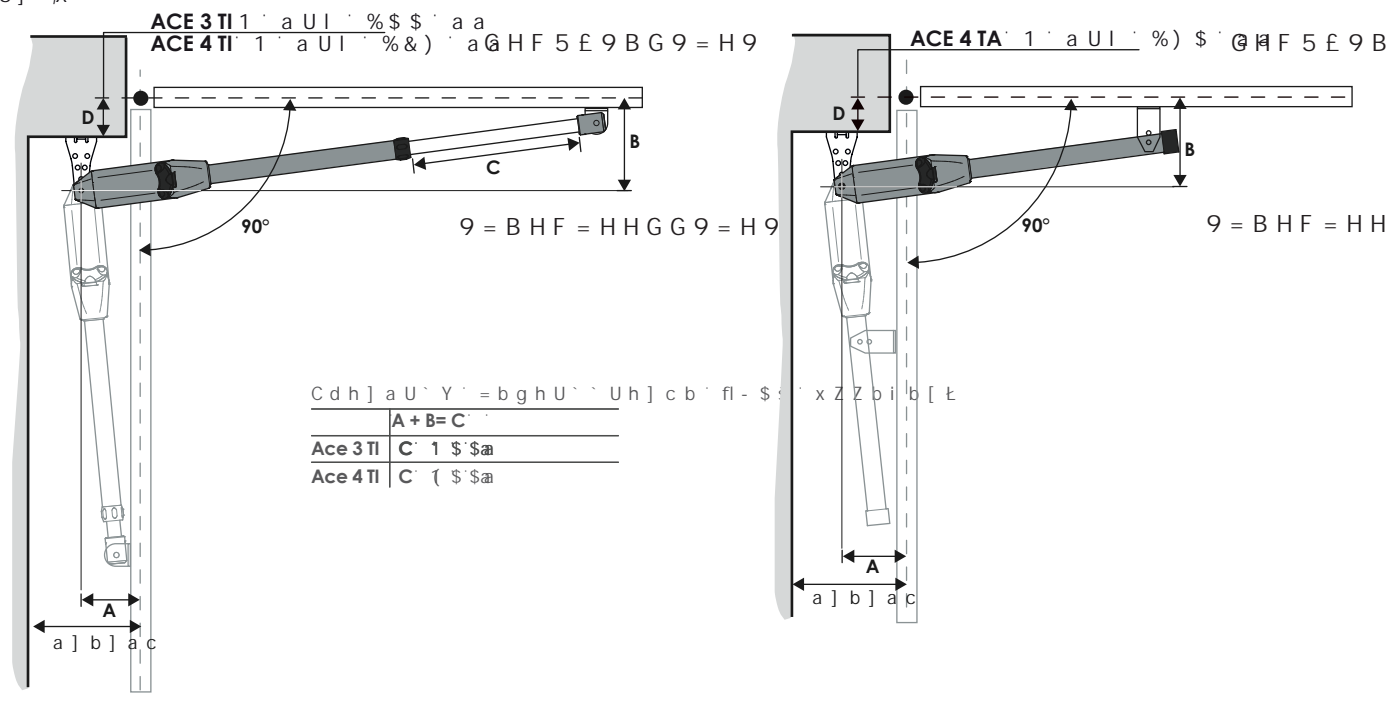
3.4

A chcf VYZYgh] [i b[

' " (6Ygh] aaYb XYf GhY U bhf] YVgVYZYgh] [i b[g \ " \Y
 6Ygh] aaYb 6] Y Z Y gh] Y [i b[Xgg 5 b h Y] YVg
 YbhgdYfYWXWf X cf aXYg Hcf YigbX XYf
 6YZYgh] [i b[ga " [] W\ _Y] hYb Ub X] YgYa"
 U t KYbb X] Y Hcf ghfi _hi f f c Vi gh] ghz _Ubb g] Y] b ^YXYf
 < " \Y c\ bY 9] bgW\ f} b_i b [dcg] h] c] Yf h kYfXYb"
 V t = gh X] Y Ghfi _hi f Y] W\ h z aigg XYf 5bhf] YV g c bU\ Y
 k] Y a " [] W\ Ub XYf A] hhY VYZYgh] [i b[g \ " \Y
 < " \Y t [Y \ U hYb kYfXYb"
 ' " (" & 6Ygh] aaYb XYf 5VaYggi b [Yb X V
 Gh hnYbVYZYgh] [i b[
 Hcf] b XYf A] hhY XYf G] i Y VY ZYg [h fl5VV" t H
 V bX] [a] h XYf G] i Y VYZYgh] [h fl obYb t fl5VV"
 9] b cdh] aU Yf 6Yhf] YV k] f X Xi f W\ X] A Dcg] h] c b] Yf i b A
 XYf ? UaaYfb VY] XYb] b 5VV"
 ; f " fYb 5 i bX 6 flxZZbi b [gk] b_Y
 6] X W\ Yf \Y] h f z X] Y Ub X] Y
 6] X W\ Yf \Y] h f z X] Y Ub X] Y



6] ^ X



KYbb' Yg' b] W\ h' a" [^] W5! '] ig b] XAUX]YY' Y]] XhU' \YU b' hYbž' _" bbYb' X] Y [Ya} £' XYf' Zc' [YbXYb' HUVY' ^ Y' acX] Z] n] Yf h' kYfXYbž' X] Y' Y] b H] YZY' XYg' K] XYf' U[Yfg' } bXYf h' flHUV" %£" ' 8] Y' 8UhYb' g] bX'] b'

HUV" ^ %

ACE 3 TI

D	100	75	50	25	0		
A	120	145	140	135	160		
B	180	155	160	165	140		
< U' hYfi b [^ 5	80	80	80	80	110	110	140
a] b" : ^ ~	990	990	1000	1000	980		

ACE 4 TI

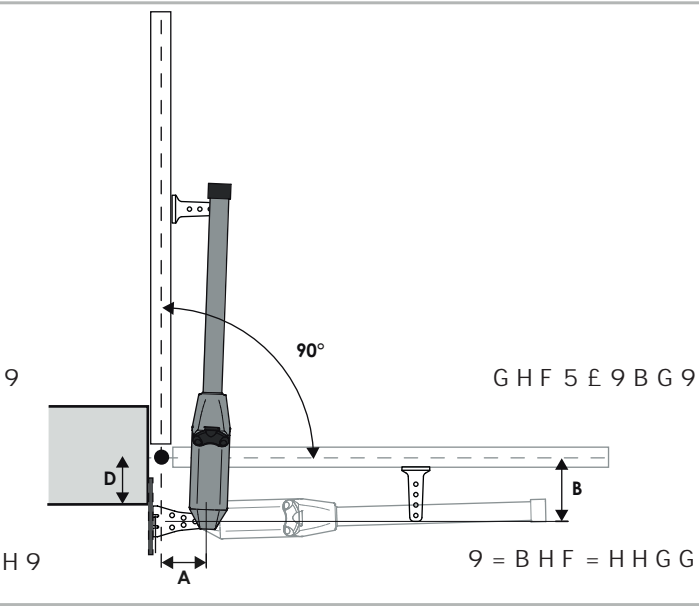
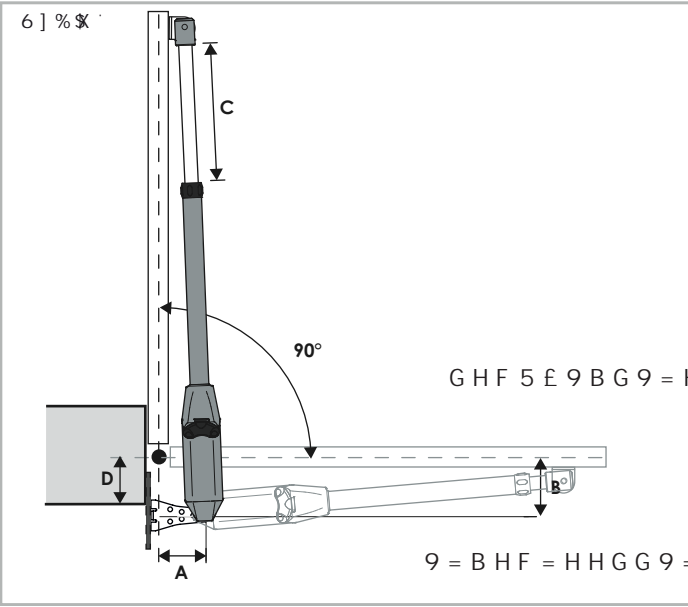
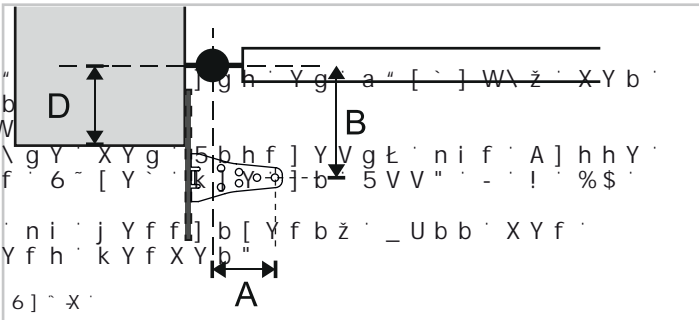
D	125	100	75	50	25	0	
A	195	160	185	210	235	260	
B	205	240	215	190	165	140	
< U' hYfi b [^ 5	80	80	110	140	140	140	140
a] b" : ^ ~	1140	1170	1150	1130	1100	1080	

ACE 4 TA

D	150	125	100	75	50	25	0		
A	170	195	160	185	210	235	260		
B	230	205	240	215	190	165	165		
< U' hYfi b [^ 5	80	80	80	80	140	140	140	140	140
a] b" : ^ ~	860	840	870	840	820	800	800		

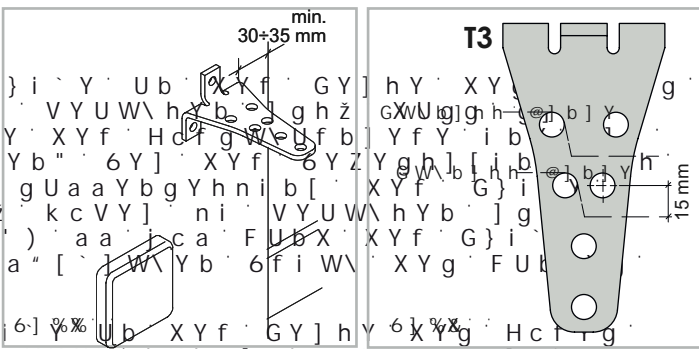
ΑΝΕΙΕΝΑ\$ØØΡΩΡΟΆΡΘΕΟΡΑΞΕΩΙΟΡ

KYbb g] W\ XUg Hcf bUW\ Ui EYb
 5bhf] YV] a =bbYfYb ni dcg] h] cb
 =b X] YgYa : UAUEaf15gVgg hXUbgX nk] gW
 G\ Ufb] YfUW\ gY i bX XYf 8fY\ UW\ gY XYg
 XYg HcfYg \] b [YaYggYb i bX XYf 6- [Y
 dcg] h] cb] Yfh kYfXYb
 la X] Y 8ifW\ [Ub[gVfY] hY b] W\ h
 5bhf] YV cVYb Ua Hcf dcg] h] cb] Yfh kYfXYb



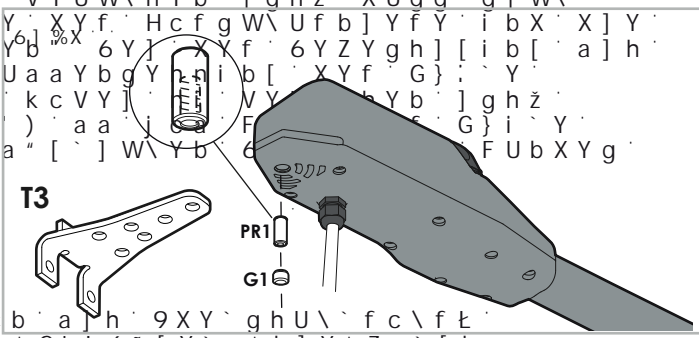
3.5 6□

8Yf H%! 6- [Y gc hY Ub XYf G} i Y Ub XYf GY] hY XY
 Ub[YgW\kY] Eh kYfXYbZ kcVY] ni VYUW\hYb lghz XUgg g] W\
 X]Y AUfY 5 i bX 6 Ui Z X]Y 5W\gY XYf Hcf gW\ Ufb] YfY i bX X]Y
 8fY\UW\gY XYg 5bhf] YVg VYn] Y\ Yb" 6Y] XYf 6YZYgh] [i b
 GdfY] nX VY b g] bX Z f X]Y Ni gUaaYbgYhni b [XYf G} i Y
 [Y] [bYhY 8 VY ni jYfkYbXYbZ kcVY] ni VYUW\hYb] g
 XUgg XYf 8 VY a] bXYghYbg \$O) aa ca FUBX XYf G} i Y
 YbhZYf bh gY] b aiggz ia Y] bYb a [W] Yb 6fi W\ XYg FU
 ni jYfaY] XYb fl5VV" %%t"



3.6 6□

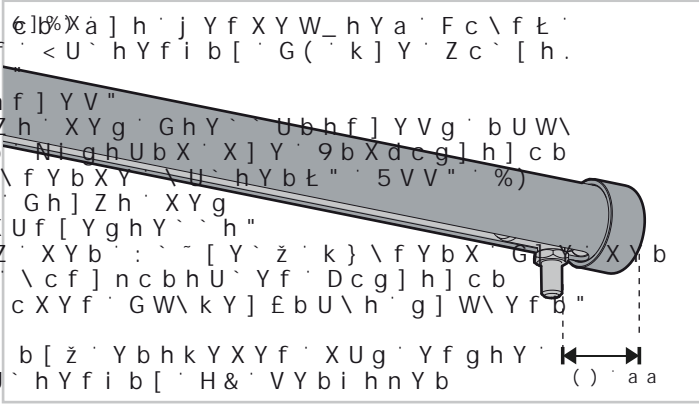
3.6.1 579 H=! GhY Ubhf] YV flJYfg] cb ah 9XY ghU\ fc\ fL
 6Ygh] aaYb G] Y X]Y Dcg] h] cb XYg G! 6- [Y g k] Y Zc [h.
 ! GW\] Y EYb G] Y XYb Hcf Z [Y :] d] %X
 ! 9bhf] Y [Y b G] Y XYb Achcf
 ! N] Y\ Yb G] Y X]Y 9XY ghU\ ghU
 5bgW\ U [\YfUig flaU " < i vL
 ! N] Y\ Yb G] Y XYb 9XY ghU\ gW\ U
 ! Dcg] h] cb] YfYb G] Y XYb 6- [Y G XYa Gh] Zh DF% i b2Xm
 gY] bYf 8] W\ hi b [fg] gZ f Ufi B Y6] a i bhYf
 ! GYhnYb G] Y X]Y ?cbgc Y G Ui Z XYb [Y i bX \U hYb G] Y
 XYb GhY Ubhf] YV a] h <] ZY Y] bYf XUgg YfkUU [Y Y] bYf
 GW\ fUi VY cXYf Y] bYf GW\ kY] Eb U [c f] hu



JYf gi W\ Yb G] Y j c f XYa YbX [h [Yb JYfgW\ kY] Yb
 XYf < U hYf i b [YbZ X] Y H f a Ubi Y ni G Z ZbYbZ la g
 g] W\ Yf ni ghY YbZ XUgg g] Y Y] b ni Z f] YXYbghY YbXYg
 j c gh] bX] [Yg AUb j Yf Xi f W\ Z \ f Yb Ubb"

3.6.2 579 H5! GhY` Ubhf] YV` flJYfg] 6Ygh] aaYb` G] Y` X] Y` Dcg] h] cb` XYf` ! GW`] YfYb` G] Y` XYb` HcfZ` [Y` ! 9bhf] Y[Y` b` G] Y` XYb` jcfXYfYb` Gh] ! 6YkY[Yb` G] Y` XYb` jcfXYfYb` Gh] jcfbYz` V] g` Yf`] a` [YgW` cggYbYb` YffY] W\ah` nfK()g` W\ Yb` Gh] Zh` i bX` Fc` GhY` Ubhf] YVg` bUW\ ! 6YZYg` h] [X] b] Y` G] U` G] Y` Uia` jcfXYfYb` Gh] Zh` XYg` ! GYhnYb` G] Y` X] Y` ?cbgc` Y` G` U` i Z` XYb` :` [Y` z` k] \fYbX` G] X] Y` GhY` Ubhf] YVg` k] Y`] b` 5VV` %*` XUf[YghY` h` \cf] ncbhU` Yf` Dcg] h] cb` \U` hYb` i bX` a] h` Y] bYf` GW\ fUi VY` cXYf` GW\ kY] EbU\ h` g] W\ Yf`

J c f g] Z W \ f h . Y] b Y ` c d h] a U ` Y ` A c b h] Y f i b [z ` Y b h k Y X Y f ` X U g ` Y f g h Y ` c X Y f ` X U g ` n k Y] h Y ` @ c W \ `] b ` X Y f ` < U ` h Y f i b [` H & ` V Y b i h n Y b

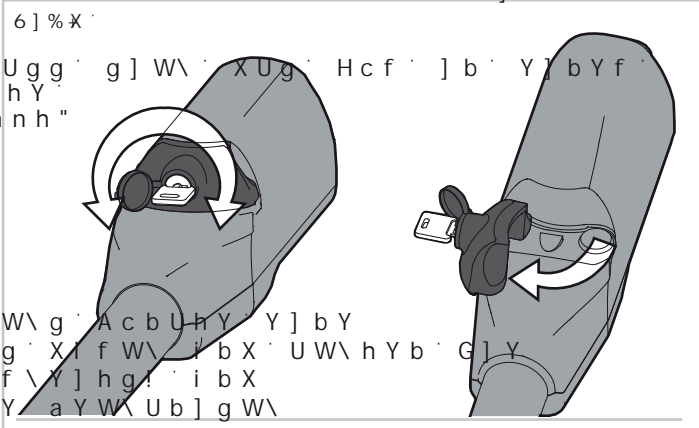


! J Y f g i W \ Y b ` G] Y ` j c f ` X Y a ` Y b X [` h] [Y b ` J Y f g W \ k Y] E Y b ` X Y f ` < U ` h Y f i b [Y b z ` X] Y ` H ` f ` a U b i Y ` ` n i ` " Z Z b Y b z ` i a ` g] W \ Y f n i g h Y ` ` Y b z ` X U g g ` g] Y ` Y] b ` n i Z f] Y X Y b g h Y ` ` Y b X Y g ` j c ` ` g h] b X] [Y g ` A U b ` j Y f ` X i f W \ Z ` \ f Y b ` _ U b b "

4. : F 9 = ; 5 6 9 : y F < 5 B 8 6 9 H F = 9 6

! GYhnYb` G] Y` XYb` a] h[Y`] YZYfhYb` GdYn] U` gW\` - ggY` Y] b` i bX` XfY\Yb` G] Y`] \b`] a` l\fnY] [Yfg] bb` i a` - \$s` " fl5VV` " %+t` ! N] Y\Yb` G] Y` XYb` 9bhf] Y[Y` i b] [g\YVY` ` bUW\] bbYb` Z` f` XYb`] b` Yb` 5bhf] YVz` ni a` Hcf` Z` f` XYb` fYW\ hYb` 5bhf] YV`

! 9g`] gh` b] W\ h` bchkYbX] [z` XUgg` g] W\ XUg` Hcf`] b` Y] bYf` VYgh] a` a` h] h] Y` Z` b` X` U` h` X` Y` f` b` W\ ghY` 6YZY\` ` U` ` Y` KYfhY` ni f` W` gYhnh`



5. K 5 F H I B ;

: ` \fYb` G] Y` a] bXYghYbg` U` ` Y` gYW\ g` AcbU` hY` Y] bY` : i b` _h] cbg` _cbhfc` ` Y` XYg` GmghYag` XifW\` YbX` UW\ hYb` G] Y` XUVY] ` VYgcbXYfg` UiZ` X] Y` G] W\ Yf` Y] hg!` i bX` 5i g` " gYj cff] W\ hi b[Yb` gck] Y` X] Y` aYW\ Ub] gW\ VYkY[`] W\ Yb` HY] ` Y`

6" 9 B H G C F ; I B ;

! B] W\ h`] b` XYf` i akY` h` j Yf` VY` Y] hYb` 9] b] [Y` HY] ` Y` X] YgYg` DfcXi` _hg` _` bbYb` GW\ UX` ghc` ZZY` Ybh\U` hYb` " 9bhgcf[Yb` G] Y` XUg` AUhYf] U` ` VYf` X] Y` Ui g[Yk] YgYbYb` GUaaY` ghY` ` Yb` i bX`] b` yVYfY] bgh] aai b[` a] h` XYb` " fh`] W\ Yb` J c f g W\ f] ZhYb`

