



JOCDE0CB-M5

Rev.A.1.0

59{/wltclhbY

7KH SURGXFWV DUISWBWFRXGSLYUW LQ WKH 623
SDFNDJH 7KH GHYLDHQFLRQVUVWG R(' RSWLFD00\
FRXSOHG WR DQ LQLVQHJULDW HVS HKH GKSJKR WRGHW HFWRU
,& FKLS ,W SURYLGHV JXDUDQWHHG SHUIRUPDQFH DQG VSI
DW WHPSHUDWXUWXS VRIVLFD00\ VPDOOHU DQG
FRPSOLDQW ZLWK LQWHUQDWLRQDO VDIHW\ VWDQGDUGV IR
LQVXODWLRQ ,W WKXV SURYLGHV D VPDOOHU IRRWSULQW
IRU DSSOLFDWLRQV WKDW UHTXLUH VDIHW\ VWDQGDUG FHU
LQWHUQDO QRLGVHVVXJXODGDSQRMHG FRPPRQ PRGH
WUDQVLHQW LPPXQLWILRILGHDD MRU7VPDOO FODVV ,*
DQG SRZHU 026)(7 JDWH GULYH 7KH SURGXFWV DUH ZLGHO
LQ LQGXVWULDO LQYHUVHUV 026)(7JDWH GULYHUV
LQGXFWRQ FRRNWRS DQG KRPH DSSOLDQFHV

a !lb C9!c!w9{

\$ PD[LPXP SHDN RXWSXW FXUUHQW
+LJK LVRODWLRQ 9506
%XIIHU ORJLF W\SH
2SHUDWLQJ WHPSQJUDWXU WR f &
5(\$+ 5R+6 FRPSOLDQFH
+%0 + \$ 00 0 &'0 &
&4& DSSURYHG
9'(DSSURYHG
8/ DSSURYHG

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,Q SXW	/('	2 XWSXW
+	21	/
/	2))	+

!.{h[;c9 a !.la ; a w!clbD{ 7HP SHUDWXUH f &

Parameter

Symbol

Value

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	3RZHU 'LVVLSDWLRQ	3		P :
'HWHFWRU	2XWSXW 9ROWDJH	2	9	
	6XSSO\ 9ROWDJH	9&&		
	3RZHU 'LVVLSDWLRQ	3&		P :
,VRODWLRQ 9ROWDJH		9LVR	8	9UPV
2SHUDWLQJ 7HPSHUDWXUH		7RSU	a	
-XQFWLRQ 7HPSHUDWXUH		7M		
6WRUDJH 7HPSHUDWXUH		7VWJ	a	
7RWDO 3RZHU 'LVVLSDWLRQ		3WRW		P :
6ROGHULQJ 7HPSHUDWXUH		7VRO		

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bhc9H (}Æ íu]vμš U ZX,XAđì•òì9

9[9/cw/!![/!w!/c9w{cl/{ 7HPSHUDWXUH f &

Parameter		Symbol	Condition	Min.	Typ.	Max.	Unit
,QSXW	)RUZDUG 9ROWDJH)		) 9P \$	,			9
	5HYHUVH &XUUHQW		5 9	9			\$
	7HUPLQDO &DSDFLWDQ		7H I 0+&				S)
2XWSXW	3HDN +LJK OHYHO 2XWSXW*1' &XUUHQW	,23+	) P \$ 9&& 9				P \$
			) P \$ 9&& 9 9 ₂ *1'				P \$
	3HDN /RZ OHYHO 2XWSXW &XUUHQW	,23/	9&& 9 ₂ 9				P \$
			9&& 9 ₂ 9				P \$
	+LJK /HYHO 6XSSO\ &XUUHQW	,&&+	) P \$ 9&& 9				P \$
			) P \$ 9&& 9				P \$

/RZ /HYH—B% €0 Å' && +

			9) 9 2 P \$				9
	7 KUHVKROG , Q SXW & XU UHQW	) / +	9& 9 92 Ú 9				P \$
	7 KUHVKROG , Q SXW 9 ROWDJH	9) + /	9& 9 92 Ø 9				9
	6 X S S O \ 9 ROWDJH	9&					9

{ 2 lC/ lLbD {t9/lCL/ !Clhb

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
3 U R S D J D W L R Q ' H O D \ 7 L P H W R + L J K 2 X W S X W / H Y H O	W ₊	5J &J Q)) : P \$ 9& 9				Q V
3 U R S D J D W L R Q ' H O D \ 7 L P H W R / R Z 2 X W S X W / H Y H O	W ₊	5J &J Q)) : P \$ 9& 9				
3 U R S D J D W L R Q ' H O D \ ' L I I H U H Q F H % H W Z H H Q \$ Q \ 7 Z R 3 D U W V	W ₊ / 3W ₊	5J &J Q)) 8 : P \$ 9& 9				
2 X W S X W 5 L V H 7 L P H	W ₊ R	5J &J Q)) : P \$ 9& 9				
2 X W S X W) D O O 7 L P H	W ₊ R	5J &J Q)) : P \$ 9& 9				
& R P P R Q 0 R G H 7 U D Q V L H O W , P P X Q L W \ D W + L J K / H Y H O 2 X W S X W	&0	) P \$ 9& 9 7D 92 P L Q 9&0 9 S \$	" 9			N 9 V
& R P P R Q 0 R G H 7 U D Q V L H O W , P P X Q L W \ D W / R Z / H Y H O 2 X W S X W	&0	) P \$ 9& 9 7D 92 P D [9&0 9 S \$	" 9			N 9 V

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b2úŠm W / v % µ š •] P v o ~ (A î ñ l , ì U µ š Ç A ñ] i • 9 b š • Ç S Z S (v A ñ ñ v • %) & Ç Á o Z } • Z X] v
% Ç } v • š Ç Ç Á] Ç] v P %] š v X

Characteristics	Symbol	Min.	Typ.	Max.	Unit
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hw59wlbD lbChw a !¢lhb

-	2 &	'	(	&	%
-LH-LH 0LFURHOHFVURQLFV &R /WG				1 RQH 7	
	2SWR &RXSOHU			5 7	
		'ULYHU		623	
				% 70 P\$	
			1 R 89/2		
		.30 .QWHUIDFH 5HYHUVH			
			7 506	\$	

a !wYlbD

FIG.1:)RUZDUG &XUUHQW YV)RUZDUH DOWRDEOH /(')RUZDUG
YV \$PELHQW 7HPSHUDWXUH

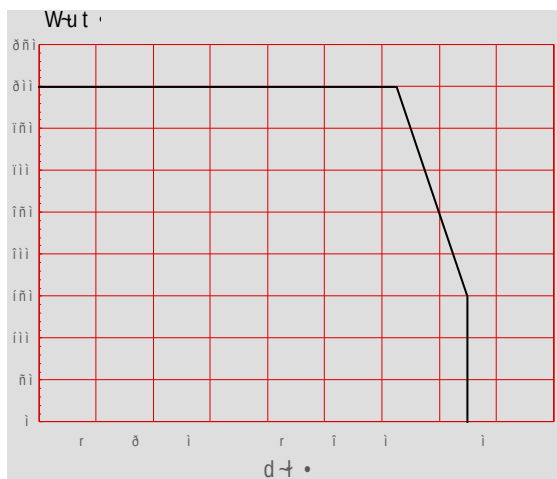
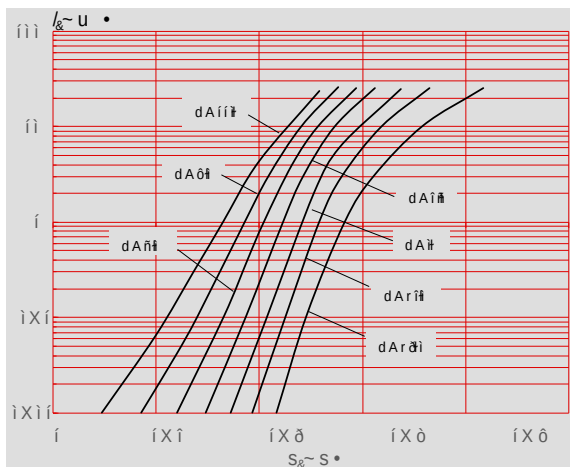




FIG.7: /RZ OHYHO 2XWSXW 9ROWD
7HPSHUDWXUH

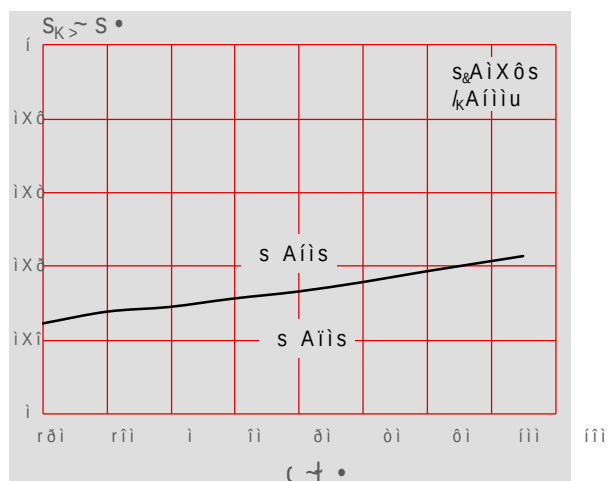


FIG.8: +LJK OHYHO 2XWSXW 9ROWD
7HPSHUDWXUH

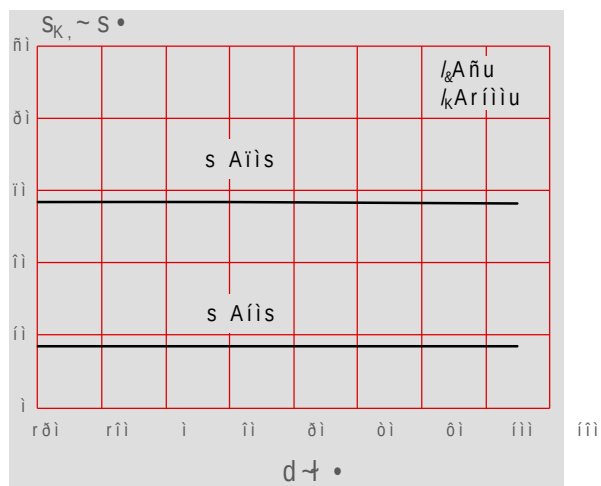


FIG.9: /RZ OHYHO 2XWSXW 9ROWD
OHYHO 2XWSXW &XUHHQW

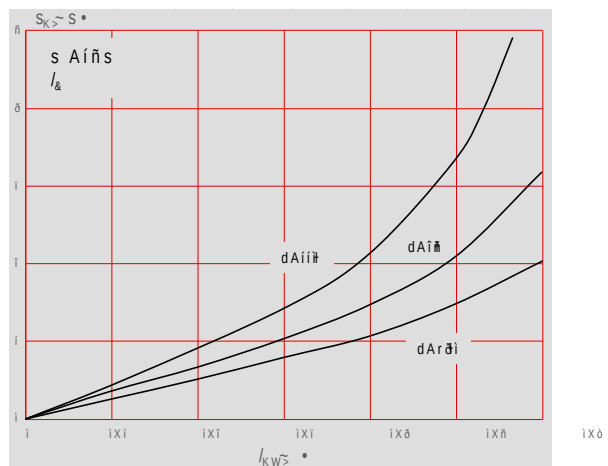
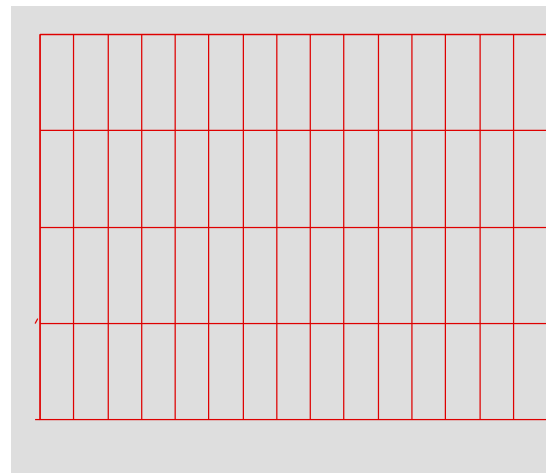


FIG.10: +LJK OHYHO 2XWSXW 9ROWD
3HDN +LJK OHYHO 2XWSXW &XUHHQW





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5HI 0LOOLPHWHUV ,QFKHV
0LQ 7\ S 0D[0LQ 7\ S 0D[
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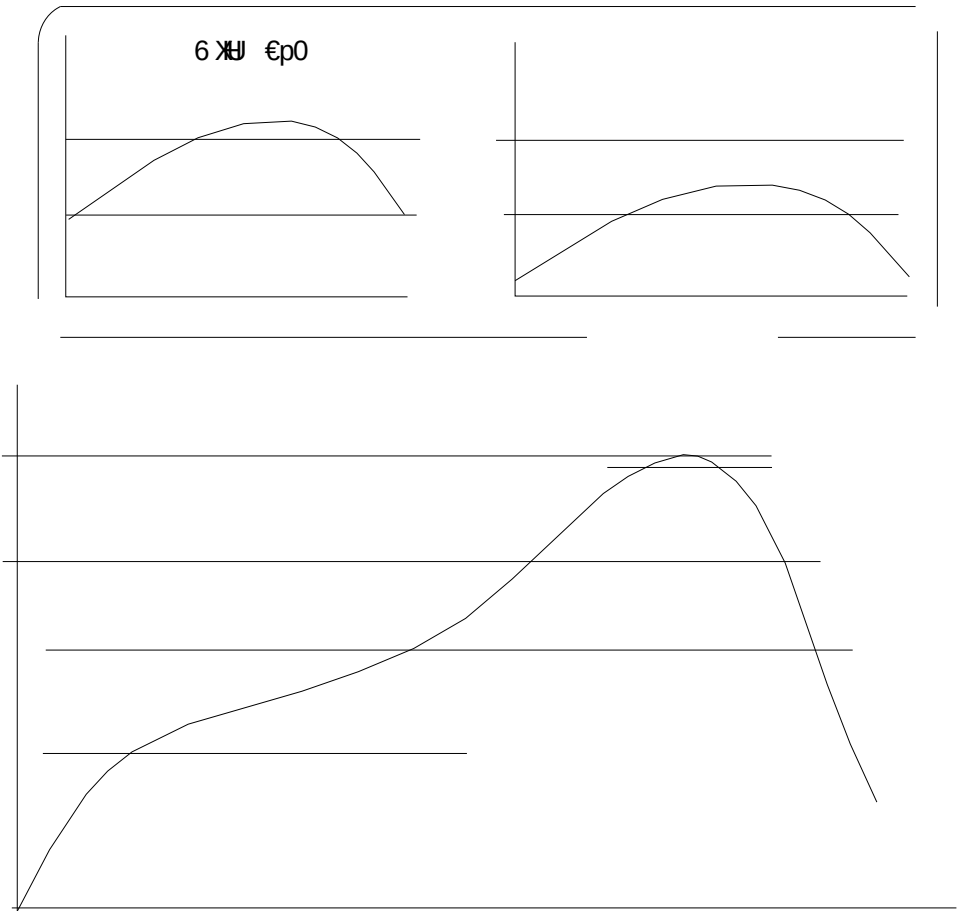


/ ! wwL9w ¢! t9 { t9/LCL/ ! ¢Lhb{ ó5ſYŒyǎſ2yǎ ſyYY dzyſŒǎǎ 2úKŒWŒŒŒǎŒ ſſſ-úŒŒŒ

Option None

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w9C[h ^ lbChwa !clhb





1RWH

5HIORZ VROGHULQJ LV UHFRPPHQGHG/ DWRZQH QHPSHWDWWDQW B
\$YRLG GLUHFV FRQWHDVSRPHQZDQVWRUDFRU H[FHHGLQJ LWV PD
VWRUDJH WHPSHUDWXUH
\$SSOLFDWLRQ RKHUSRYXERGRQWLSOHGDDWHG WHPSHUDWXUHV ,QV
VFHQDULRV DQHPSVWLQGRWRHFFHHG 1
(QVXUH WKH FRPSRQHQW KDV FRROHG WRDFHFWLQWZMXPSHWDWWDQW
PDQXIDFWXULQJ VWHSV
7KH FRPSRQHQW KDV BQKHDDWZKHQVWRDQGHGGRQGLWLRQV
5HFRPPHQG VWRUDJH 7HPS a f &
5HFRPPHQG VWRUDJH DÈPLGLW\
06/ OHYHO 06/

,QIRUPDWLRQ IXUQÈFHQW ILQ WKOLHGRHG WR EH DFFXUDWH D
-LDQJVV -LH-LH 0LRRHWHG WDVRLFFHVQLVUHRUSRQVLEERQVHT
RI XVH ZLWKRXW FRQVLGHUDWLRQ IRG MWFKQLQIRUPDWLRQ
LQ WKLV GRFÈPHQW LQJYXZELMHFRWWQRWLFH DSDUW IURP V
VLJQH G -LDQJVSOLHVLZLWKPKH DJUHHPHQW
3URGXFVV DQG LQIRUPDWLRQ SURYLGHGLQJHFWVRGSDÈVPH
-LDQJVV -LH-LH DVVXIPHLOQW\URVSDQVLQIULQJHPPHQW RI RW
ZKLFK PD\ UHVXOW IURP WKH XVH RI VXFK SURGXFWV DQGVL