

# •iWú~v{ie½]åz3[š`'ÄO0b¥TJ

~yvîT yðÿ	•iWú~v{ie½]å~yvî
~yvî {Wçÿ	•iWú~v{ie½]åz3[š`' ç{—
ç{—eåg ÿ	2025/8/7
b¥TJu b eö•ôÿ	2025/8/7 22:33:41
b€g/e/c ÿ	T g—w _x[%oyÑb€g –PQISø

## N;%•ç{—SÂep

- {i•SY \_ÿ 1 . 2 m
- ~v•Û••^ÿ 1 0 0 m
- {i•SgPe™ÿ "ø{Km÷QÝW {i ( R C P )
- {iXÁSš^ÿ 0 . 1 2 m
- %o†W mñ^ÿ 3 m
- T €ìX™|{Wçÿ 'íR›\_ c!X™

1. %Äf O•cn

- (1) 0 ~Ül4c'!4{;S]âz e½]âSÊšŒEe6‰Äf 0 G B 5 0 2 6 8 - 2 0 0 8
- (2) 0 ~v{;e½]âb€g/SÊšŒEe6‰Äf 0 C E C S 2 4 6 : 2 0 0 8
- (3) 0 m÷Q'Y W ~Ög,,(¾{;‰Äf 0 G B 5 0 0 1 0 - 2 0 1 0
- (4) 0 \©W ]âz RØ[ß‰Äf 0 G B 5 0 0 2 1 - 2 0 0 1
- (5) 0 ^ú{QW0WúWúx@(¾{;‰Äf 0 G B 5 0 0 0 7 - 2 0 1 1

2. N; %oo•< i {—QI\_

(1)  $\sim \forall x (R(x) \rightarrow \dots)$

$$F = K ( F \bullet + F , + F f )$$

F -;~vc~R); F • -{j•SY XÁdidæ~;R); F , -lãQw{jkcb~;R); F f -{j•Sc¥Sādidæ~;R)

(2)  $\{i \bullet SY \text{ XÁdidæ-}; R\}$  :

$$F \bullet = \hat{A} \times D \times L \times f$$

D -{j•SY \_\_, ( m ) ; L -~v•Û••^! ( m ) ; f -SUOM—byïdi—;R> ( k P a )

( 3 ) ]åQw{;kc—b—;R> :

$$F_{\perp} = \hat{A} \times (D t^2 / 4) \times P$$

D t -]åQw{jY \_,, ( m ) ; P -kc—bW S(R) ( k P a )

(4)  $\{i \bullet Ss^{-T} \wedge "R, \check{S}OE\{- :$

$$\tilde{A} = (P v + q) \times D / (2 t)$$

$$\tilde{A}^{-s-T} \wedge^p R \rangle (M P a); P v - W, v \hat{o} W S \langle R \rangle; q \cdot f \cdot t m; \bullet; t - \{j X \hat{A} S \hat{s} \wedge$$

### 3. æ~Æ{—SÂep

SÂepT yð	epP<	SUOM
{i•SY __, D	1.2	m
{iXÁŠŠ^! t	0.12	m
˜v•Ü••^! L	100	m
%o†W mñ^! H	3	m
W Xäí^! ³	18	kN/m³
Q...didæ%oÒ Æ	20	°
ƒ~€ZR› c	10	kPa

1 . ~vc"R>{—~Ógœ

{—~yvî	{—~Ógœ	SUOM
F • {i•SY XÁdidæ—;R>	3015.93	kN
F , ]âQw{kc—b—;R>	42.41	kN
F f {i•Sc¥Sâdidæ—;R>	0.00	kN
`;~vc"R> F	3670.01	kN

2 . {i•S\_:'^iN SØ\_bšœ{—~Ógœ

šœ{—~yvî	{i{—P<	QA{,P<	šœ{—~Ógœ
s-T ^"R>šœ{—	0.357 MPa	1.50 MPa	••Ç
{iOSSØ_bšœ{—	0.770 mm	60.000 mm	••Ç

3 . z3[š'~üt šœ{—~Ógœ

šœ{—~yvî	O\u(R>	b—R>	šœ{—~Ógœ
{i•Sb•S<€ýR>šœ{—	3670.01 kN	6107.26 kN	••Ç
T €iX™b—nŊyûšœ{—	3670.01 kN	607.58 kN	N ••Ç

# [%QhÄOb¥TJ

## 1 . etOS[%Qhr¶Qμÿ N ,,

g 1ÿšœ{—g\*•Çÿ ^ú«®O S vøQsSÂepb ‘ÇSÖR \_:cªe½T Q••Û^Le½]â0

## 2 . šœ{—•Ç`ÂQμ~ß¡i

- {i•Ss¬T ^”R›šœ{—ÿ ’ ••Ç
- {iOSSØ\_bšœ{—ÿ ’ ••Ç
- {i•Sb•S«ÉYR›šœ{—ÿ ’ ••Ç
- T ∈ìX™b—nÑyûšœ{—ÿ ’ N ••Ç

## 3 . b€g/^ú«®

( 1 ) T ∈ìX™R Vú :

T ∈ìX™b—nÑyûÉYR›N •³ÿ ^ú«®R \_:T ∈ìX™«¼¡ib ‘Çu(fôSĩ—`v„e/d‘~Óg„0

( 2 ) e½]âvÑmK :

^ú«®W(e½]â•Çz N-R \_:SØ\_bvÑmKÿ SÊeöœ ete½]âSÂepNâxnOÝ[%Qh0

( 3 ) ^””%~„hH :

R6[š«æ~Æv„^””%~„hHÿ S bi~v•ÛVð—¾0 {i•SSØ\_b{lz•SÑ`ÂQμv„Y t cªe½0

## 4 . ÄO0~Ó,º

~üT ÄO0«N:ÿ \_SRM~v{ie½]âe¹hH— %••ÛN keO S 0 ^ú«®h9cnb€g/^ú«®œ etvøQsSÂepÿ ^v‘ÇSÖvø^”v„R \_:cªe½T e¹Sie½