

~yvîT yðÿ	šØg¶hehiWúl%o—MR g•~yvî
~yvî {Wçÿ	heh•hiWúl%o—MR g•ç {—
ç {—eåg ÿ	2025/8/7
b¥TJu b eö•ôÿ	2025/8/7 22:46:06
b€g/e/c ÿ	T g—w _x[%oyÑb€g —PQISø

N;%o•ç|{—SÂep

- hi 1vô_,,ÿ 1 m
 - hi 1fw•)ÿ 1 0 0 0 k N
 - hi 2••^ÿ 2 0 m
- hi 1••^ÿ 2 0 m
 - hi 2vô_,,ÿ 1 m
 - •iWú[½^ÿ 1 2 m

i aö n

1. ~ n

- (1) æQ0æœ@% GB50007-2011
- (2) lïeµœ æ@% JTG D63-2007
- (3) ' â 0 GB50021-2001
- (4) æQioe /~ JGJ94-2008
- (5) lïâ % JTG B02-2013

2. ; i l

(1) B o u s s i n e s q ^ " R » i j { — :

$$\tilde{A}_z = Q \times K / r^2$$

Q -p¹fw» (k N) ; K -^"R»|ûep ; r -R0fw»p¹•Ýy» (m) ; \tilde{A}_z -W,vô^"R» (k P a)

(2) l % - M i j { — :

$$S = \varepsilon (\tilde{A}_z \times h / E)$$

S -l % - M i j (m m) ; \tilde{A}_z -W,vô^"R» (k P a) ; h -W \BSš^i (m) ; E -S (•)j!i (M P a)

(3) _ q T í f V ô R g • :

$$R = 2.5 \times " (A)$$

R -_qTíSJ_ (m) ; A -hiWú^•—byi (m ^2)

(4) [% Q h R \$ e - h Q A E :

$$S " d [S]$$

S -i j { — l % - M (m m) ; $[S]$ -Q A i , l % - M (m m) ; • ^8SÖ 2 0 m m

3 . æ ~ Æ i j { — S Â e p

SÂep~yvî	hi 1	hi 2	SUOM
hi_„	1	1	m
hi••	20	20	m
fw•}	1000	1000	kN
•Ý•iWú•Ýy»	5	5	m

1 . l%o-MR g•~ÓgœlG`;

~ßçĩỹvî	epP<	SUOM
çĩ{—p¹`;ep	16	N*
g Y'l%o-M	7.17	mm
^sWGl%o-M	6.13	mm
[%oQhp¹ep'ĩ	16	N*
•...h p¹ep'ĩ	0	N*

2 . Nã^h`çĩ{—p¹çæ~Æ~Ógœ

^•S÷	XWPh (m)	YWPh (m)	l%o-M (m m)	[%oQh`'
1	-6.0	1.0	7.04	[%oQh
2	-2.0	1.0	5.09	[%oQh
3	2.0	1.0	5.09	[%oQh
4	6.0	1.0	7.04	[%oQh
5	-6.0	2.0	7.14	[%oQh
6	-2.0	2.0	5.12	[%oQh
7	2.0	2.0	5.12	[%oQh
8	6.0	2.0	7.14	[%oQh

3 . [%oQh`R g•

- l%o-M[%oQhs‡ÿ 1 0 0 . 0 %
- g Y'l%o-MP<ÿ 7 . 1 7 m m (QAç,P<ÿ 2 0 m m)
- etOSçÄN÷ÿ Qh•èçĩ{—p¹WGNá•³[%oQh%o•lB

1 . etOS[%Qhr¶Qμÿ O ,o

b@g ¢{—p¹v,,l%—MP<WGW([%Qhf VôQ...ÿ heh•hiWú[ùeâg •iWúv,,_qTÍSïc\$ÿ e½]âSiNác ¢jR •Û^L0

2 . ~Î—ip¹~ß¢j

- ¢j{—p¹;epÿ 1 6N*
- [%Qhp¹ep'İÿ 1 6N*
- •...h p¹ep'İÿ 0N*
- g Y'l%—MP<ÿ 7 . 1 7 m m
- [%Qh^Õ^İÿ QE•³

3 . b€g/^ú¢®

(1) e½]âe'hHO S :

T t [%c'e½]â~z^•ÿ 'Çu(R kpe½]â0 ~,S¢{lb€g/cªe½Qİ\ [ùeâg •iWúv,,_qTÍ0

(2) ^""%~,,hH :

R6[š¢æ~Æv,,^""%~,,hHÿ S bì_ ^8l%—Mv,,Y t cªe½TÇEN• OÝ—æe¹hH0

4 . ¢ÄO0~Ó,º

~üT ¢ÄO0¢N:ÿ _SRMheh•hiWú¢¼¢je¹hH[ùeâg •iWúv,,_qTÍW(Sïc\$ÿ VôQ...ÿ b@g ¢{—p¹v,,l%—MP<WGná•³[%Qh%•IB0 ^ú¢