

² . 1È M& j Ö

Ä 1~~10~~ C30È $f_{cu} = 30\text{N/mm}^2$;

Ä 2~~8~~K1K~~1~~-\$ 20mm~~10~~ $A_0 = 245\text{mm}^2$;

Ä 3~~10~~2\$ 20mm~~10~~ $A_1 = 314\text{mm}^2$;

Ä 4~~8~~K1K~~1~~€X 8.8 4×.3P~~10~~ $f_{yk} = 640\text{N/mm}^2$;

Ä 5~~10~~1 HRB400È $f_{yk} = 400\text{N/mm}^2$ $f_y = 360\text{N/mm}^2$ Ä

. 1 ~~10~~7

1Ä AN~~10~~Ä $N_1 = A_1 \times f_y = 0.001 \times 314 \times 360 = 109.4\text{kN}$

2Ä ~~10~~ $N_{s,d} \leq N_d$ È $N_d \leq A_s f_y / K_s$

7 Ö $N_{s,d}$ — K~~1~~ ~~10~~Ä kNÄ×

N_d — K~~1~~Ä Ä kNÄ×

f_{sk} — K~~1~~Ä kP~~10~~È $f_{sk} = f_{yk} \times$

A_s — K~~1~~Ä ×mÄ

K_s — K~~1~~Ä 1.3È 1.2Ä

8K1K~~1~~Ä $N_d \leq A_s f_{sk} / K_s$

2. 2E M& j Ö

Ä 1E C30E $f_{cu,k}=30\text{N/mm}^2$;

Ä 2E+8K1KJ-\$ 20mmE M0 $A_0=245\text{mm}^2$;

Ä 3E+8K1KJ-E 8.8 4×.3PE $f_{yk}=640\text{N/mm}^2$;

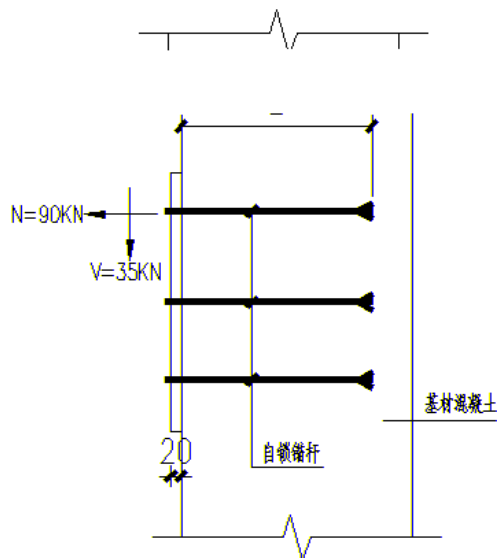
Ä 4E+8K1KJ-E 8.8 4×.3PE

$v;0E$ $N=90\text{KN}$ $V=35\text{KN}$

Ä 5E+8K1KJ-E $f_{mck}=2.85\text{MPa} \times K$

$f_{msk}=6.0\text{MPa}$

Ä 6E+8K1KJ-E $D=25\text{mm}$, $D_+=38\text{mm}$



. 2 N& KJ E /? Ä ≈63< E Ä E 40 Ä Ä

1Ä KJ+E

KJ+E 20E 8.8 4×8K1

KJ+E $N_d=120\text{KN}$ $N_{vd}=48.3\text{KN}$

2Ä KJ+E

63E

$$H = \sqrt[3]{\frac{(N_d)^2}{9.8^2 f_{cu,k}}}$$

Ö H — N,KN

$$N_d\text{——KV}\tilde{\text{A}}\tilde{\text{N}}$$

$$\tilde{\text{A}}\text{ kN}\tilde{\text{A}}\times$$

$$\Psi_c\text{——}\tilde{\text{N}}\tilde{\text{d}}\tilde{\text{E}}+\tilde{\text{E}}$$

$$2\times$$

$$f_{\text{cu}\tilde{\text{E}}\text{ k}}\text{——}\tilde{\text{Q}}\tilde{\text{A}}$$

$$\text{kP}\tilde{\text{E}}\tilde{\text{A}}\quad f_{\text{cu}\tilde{\text{E}}\text{ k}}>45\text{N/mm}^2\tilde{\text{A}}$$

$$\tilde{\text{E}}^+$$

