

—K

—

—

—



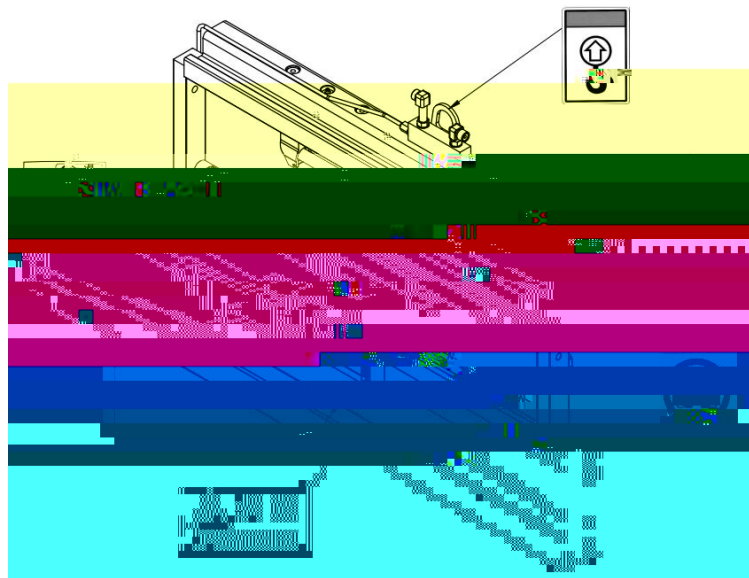
κ Δ $\vec{u}$ ω



1.

1.1

“ ” “ ” “ ”





K Δ $\ddot{U}$ ω

1.2



K Δ $\ddot{U}$ ω





K Δ Ů ω

_____ / _____

1.3.4

WEBCOPE 9 9
@õ ,D QH™



$K \quad \Delta \quad \ddot{U} \quad \omega$

n4



$K \quad \Delta \quad \ddot{U} \quad \omega$

2.

2.1

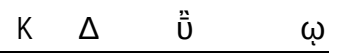
14MPa

16 Mpa

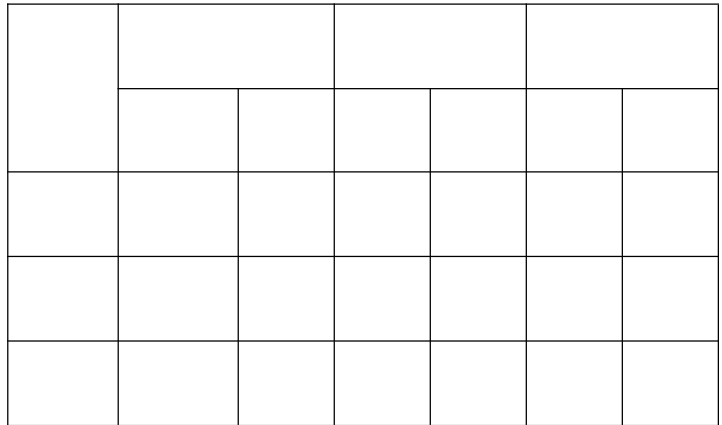
2.2

①

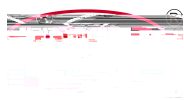
②



ITA



140N.m



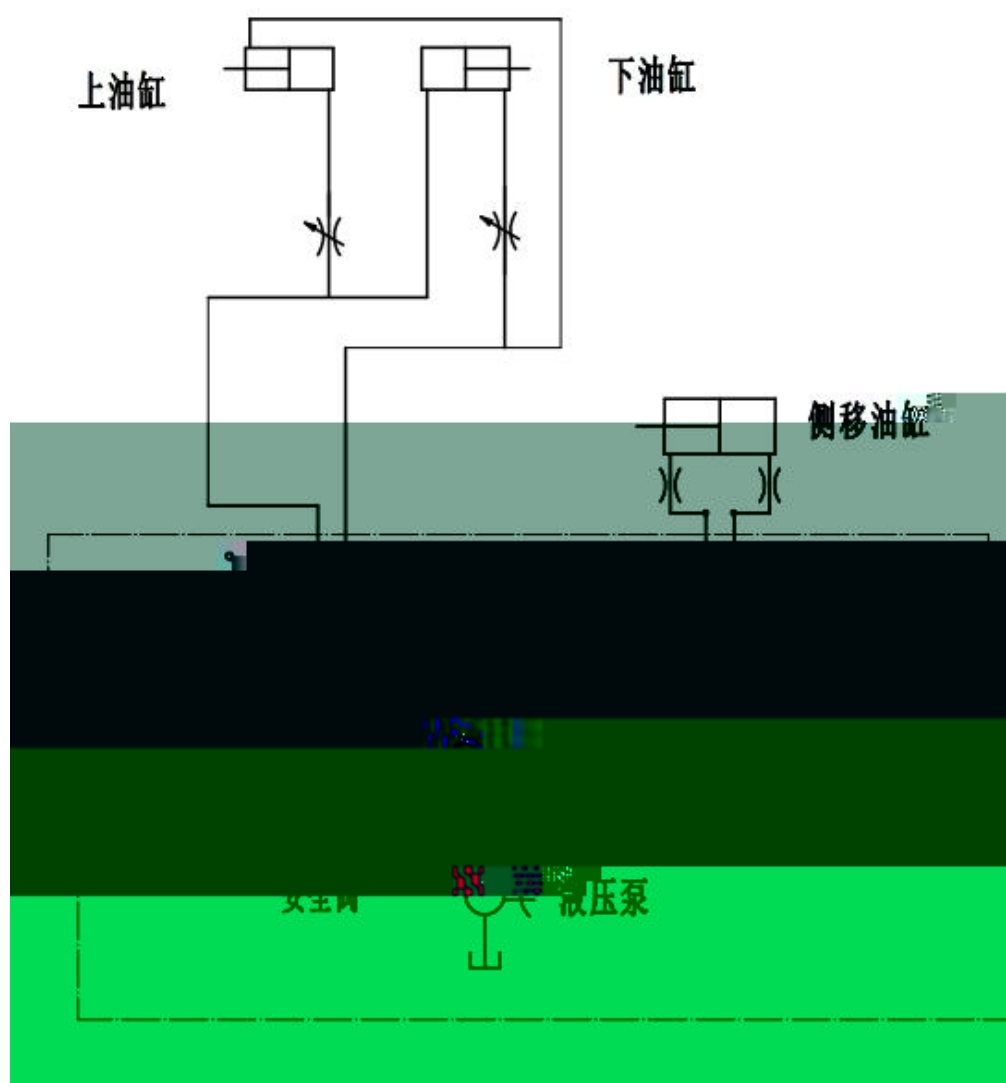
K Δ $\ddot{U}$ ω

(3) M10

(4)

(5)

3.2





4.

4.1

4.1.1

4.1.2

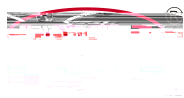
4.1.3

4.1.4

4.1.5

4.1.6

4.2



K Δ $\ddot{U}$ ω

5.

5.1

5.2 100

5.3 500

5.4 1000

1.5 mm(1-2.5T) 3 mm(3-4.5T) 5 mm

6.

6.1

6.1.1

6.1.2

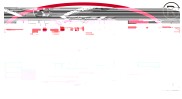
6.1.3

6.2



K Δ Ũ ω

6.2.1



K Δ $\ddot{U}$ ω

(5)

7.3

(1)

(2)

(3)