——K

———

———

———

1 1
2 6
3 7
4 9
5 10
6 10
7 1

1.

1.1

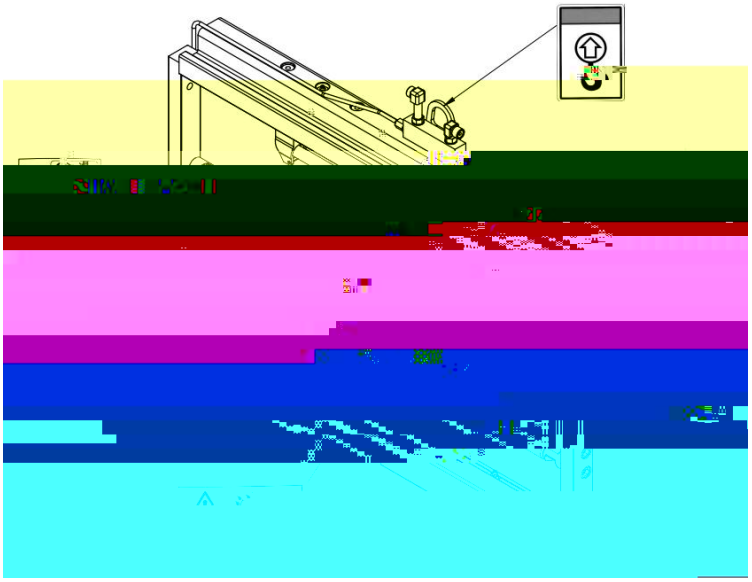
“ ” “ ” “ ”

⚠ ____

⚠ ____

⚠ ____

⚠





1.2

_____

_____

_____



➢

———

———

———

———

——— / /

———

1.3.4

———

,D Ø H™
@õ
pWFfEcÕµ€ g g

شم

ISO4762 ISO4014 ISO4032

	8.8	10.9	12.9
M10	45Nm	66Nm	77Nm
M12	77Nm	115Nm	135Nm
M16	190Nm	280Nm	330Nm
M20	385Nm	550Nm	640Nm

ɲ4

——

——

2.

2.1 14MPa

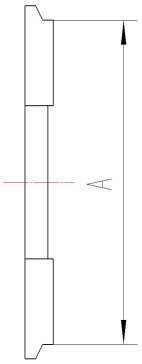
16 Mpa

2.2

①

②

2.4 ISO 2328 ITA



	A		B		C	
	380	381	15	16	15.2	16.8
	474.5	476	20.5	21.5	18.2	19.8
	595.5	597	24.5	25.5	18.2	19.8

1

2.5

3.

3.1

(1) 4

(2) 140N.m

(3) M10

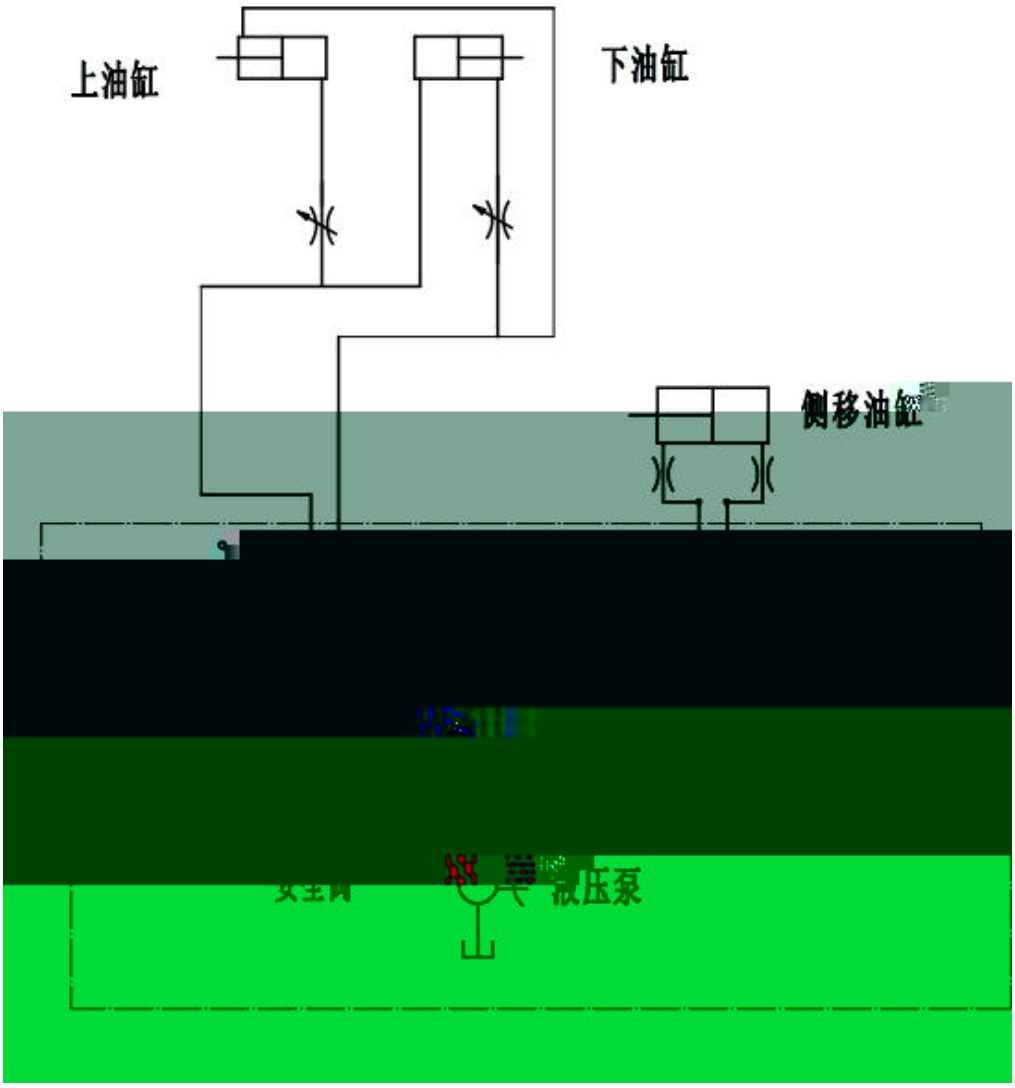
(4)

(5)

3.2

M16x1.5

24



4.

4.1

4.1.1

4.1.2

4.1.3

4.1.4

4.1.5

4.1.6

4.2

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

[redacted]

[redacted]

[redacted]

(5)

7.3

(1)

(2)

(3)