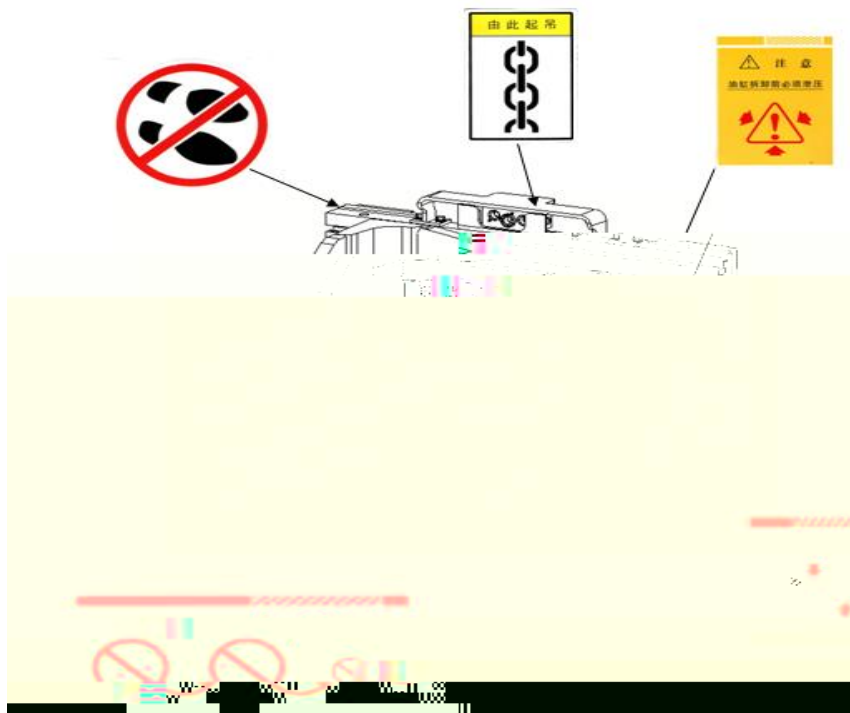

1.		1
2.		6
3.		8
4.		11
5.		14
6.		16
7.		17

1.

1.1

“ ” “ ” “ ” “ ” “ ” “ ”



1.2

20

40

85

1 000

5 m/s

1.3

1.3.1

1.3.1.1

➤

➤

➤

➤

➤

1.3.1.2

➤

➤

➤

➤

➤

➤

1.3.4



IS04762 IS04014 IS04032

8.8

10.9

12.9

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

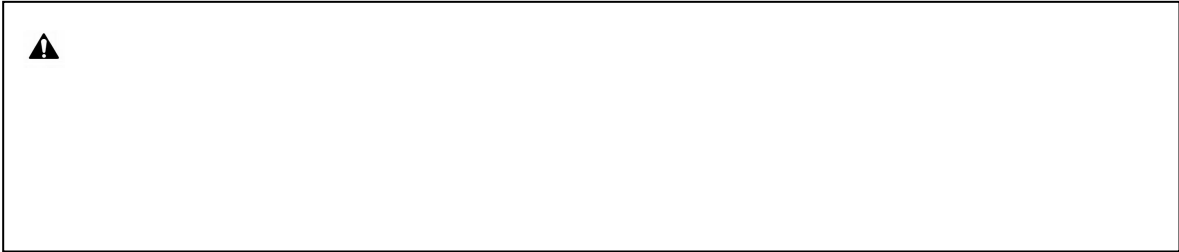
1.4

2.

10mm(G1/4 ")

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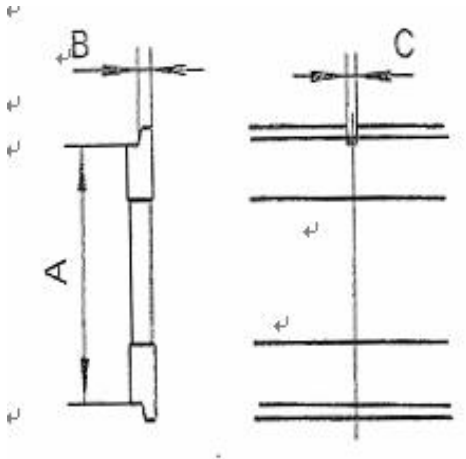


28MPa

14Mpa

	bar		L/min					
RJ**ST	35	160	4	23	40	15	38	40

①



3.

3.1



3.2

3.3

50mm

1

A B C D

2

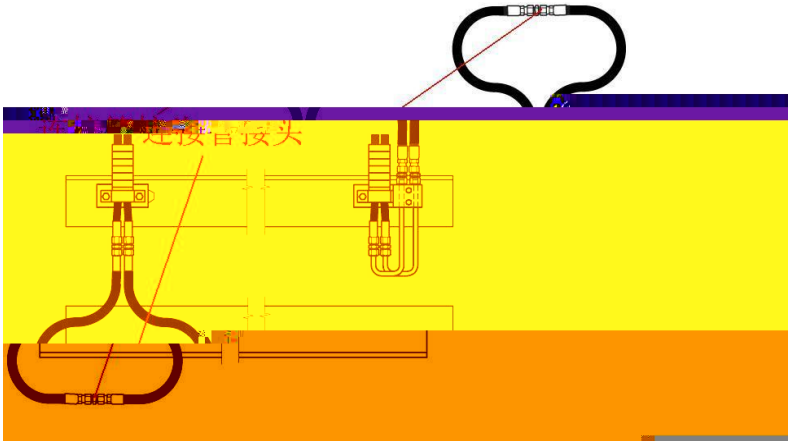
3

3.4

144N.m 155N.m

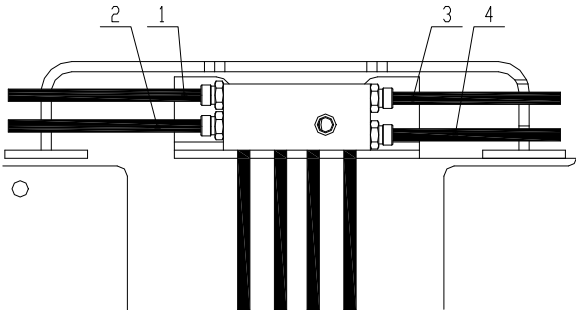
3.5

30



3.5

3.6



1 2

3 4

3.7

T



4.

4.1

4.1.1

4.1.2

4.1.3

4.1.4

4.1.5

4.1.6 120mm

50mm

(1)

(2) 3

(3) 12Mpa 30L/min

(4) 50mm

(5) 3 4 50mm

(6) 50mm

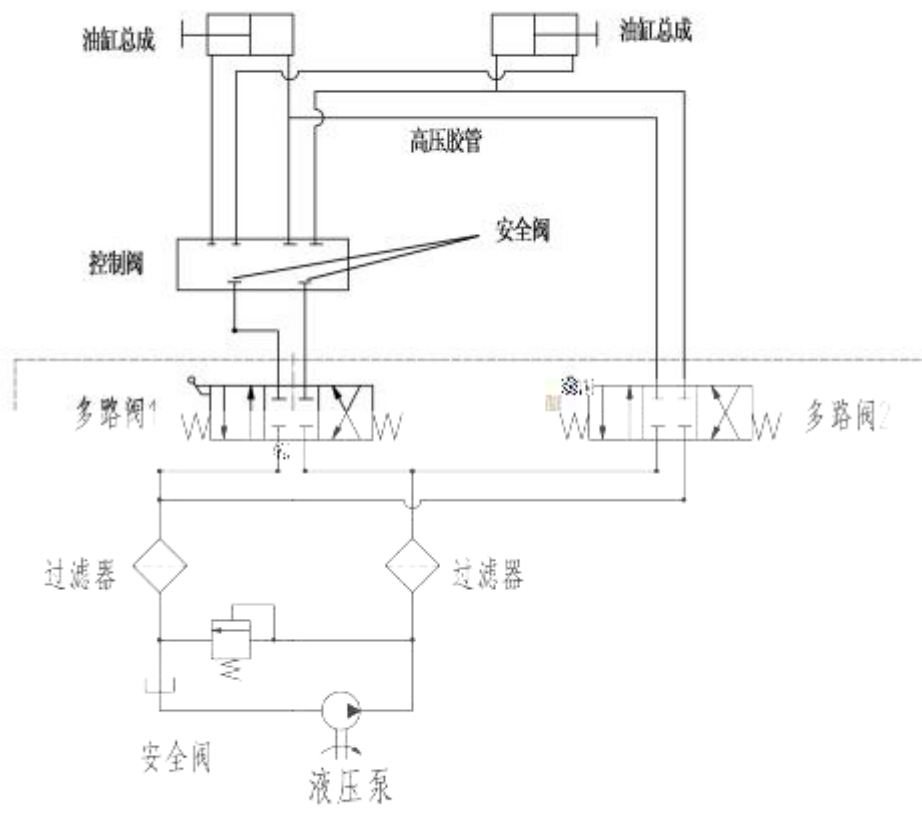
120mm 1/4

1/4

(7)

1/4

4.1.7



4.2

4.2.1

4.2.2

4.2.3

4.2.4

50mm
100mm



5.

5.1

5.1.1

5.1.2

/

5.1.3

5.1.4

5.1.5	100
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5.2

5.3

5.3.1

5.3.2

5.3.3

5.3.4

5.3.5

5.3.6 7.6

5.3.7 7.6

5.3.8

5.3.9

5.4

5.4.1

5.4.2 10 °

5.5

5.5.1

5.5.2

5.5.3

5.5.4

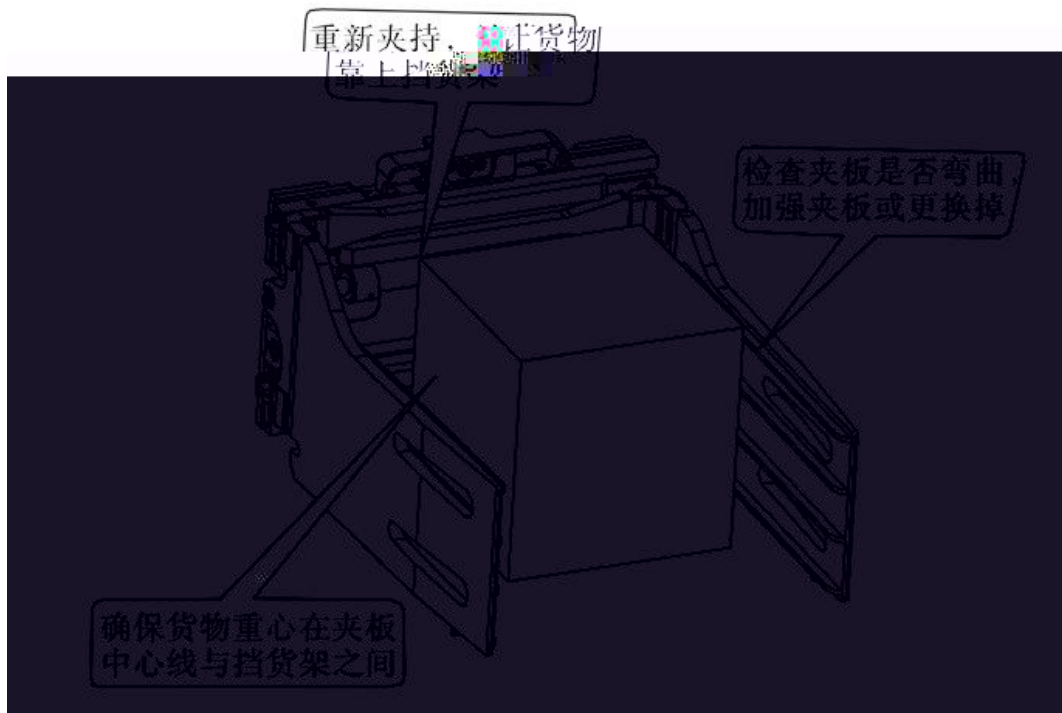
5.5.5

5.5.6

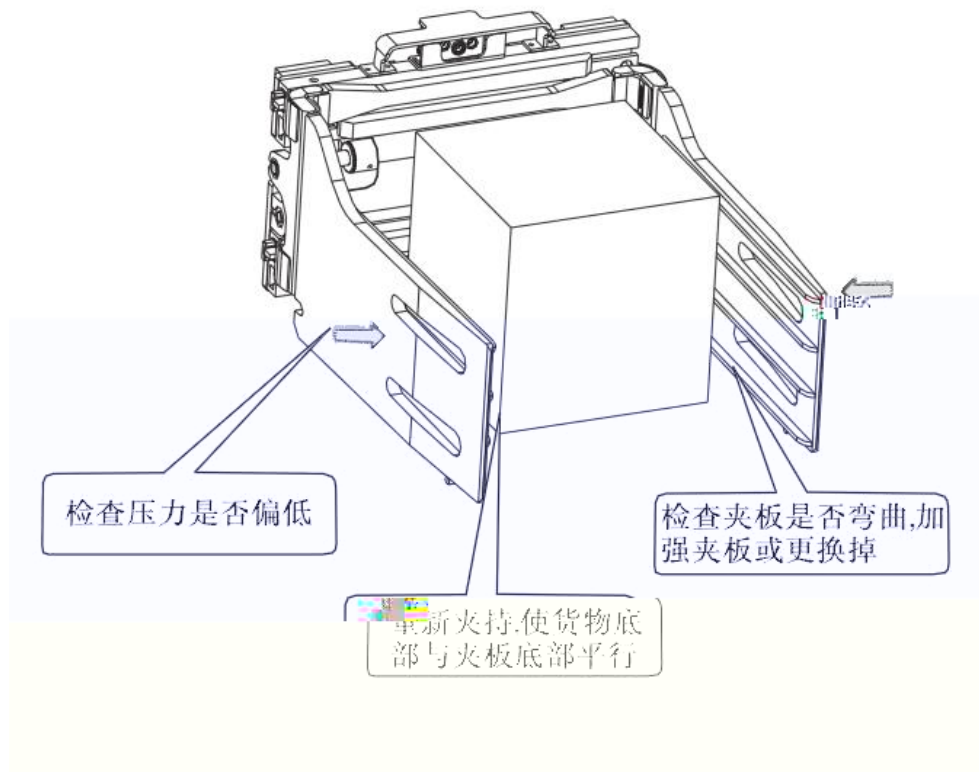
5.6

6.

6.1



6.2



2)

7.1

(1)

(2)

7.2 Ñ •

(1)

(2)

(3)

(4)

(5)

7.3

(1)

5)

7.

24

d

12

4000

2000