



V

1	.....	4
1.1	.....	4
1.2	.....	5
2	.....	6
2.1	.....	6
2.2	.....	6
2.3	.....	7
2.4	.....	7
2.4.1	.....	7
2.4.2	.....	8
3	.....	9
3.1	.....	9
3.2	.....	10
3.2.1	.....	10
3.2.2	.....	11
3.3	.....	12
3.3.1	.....	12
3.3.2	.....	12
3.4	.....	12
3.5	.....	13
4	.....	14
4.1 ETC_F100	.....	14
4.1.1	.....	14
4.1.2	.....	16
4.1.3 ETC_F100	.....	17
.....	.....	17
4.1.4	.....	18
4.2	-BC.....	19
4.2.1	.....	19
4.2.2	.....	19
4.2.3	.....	20
4.3	-BC.....	21
4.3.1	.....	21
4.3.2	.....	22
4.3.3	.....	22

5	.....	23
5.1	QBH	23
5.2	.....	24
6	.....	25
6.1	.....	25
6.2	.....	25
6.2.1	.....	26
6.2.2	.....	26
6.2.3	.....	27
6.3	.....	29
6.3.1	.....	29
6.3.2	.....	29
6.4 ETC_F100	.....	29
6.4.1	.....	29
6.4.2	.....	30
6.5	.....	31
6.5.1	.....	31
6.5.2 D30- /	.....	31
6.5.3	.....	31
6.5.4	.....	32
6.5.5	.....	32
6.5.6	.....	32
6.5.7	.....	33

1

BM111

BM111

RAYTOOLS AG 2017

22mm

D30

1.1

-
- +10 -12mm, 0.05mm
- D30 3KW
- 10m/s² 10m/min
- , ,
-
- QBH、QD

2

2.1

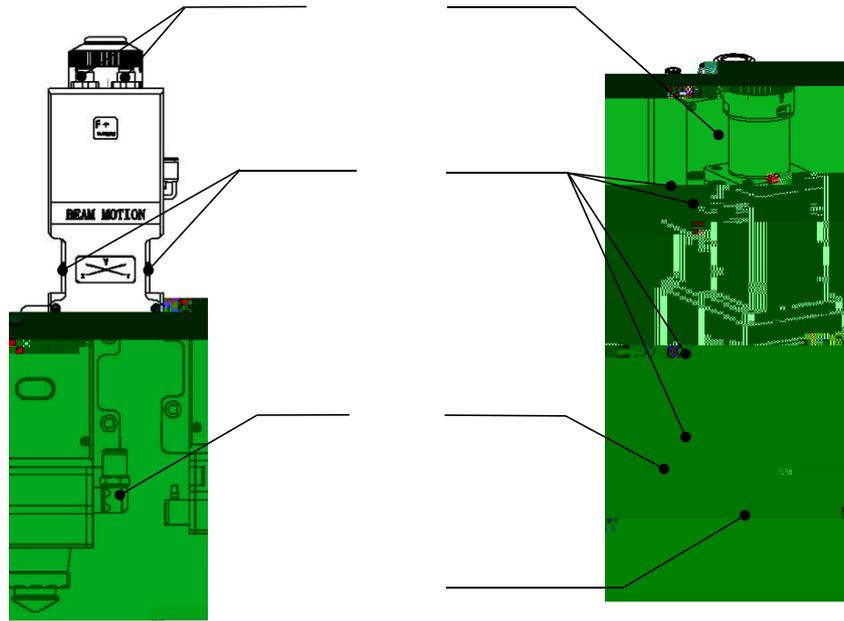
QBH/QD	100YYH	125YYH
QBH/QD	100YYH	155YYH
QBH/QD	100YYH	200YYH

2.2

	1
	1
	1
	1
	1
	1

!

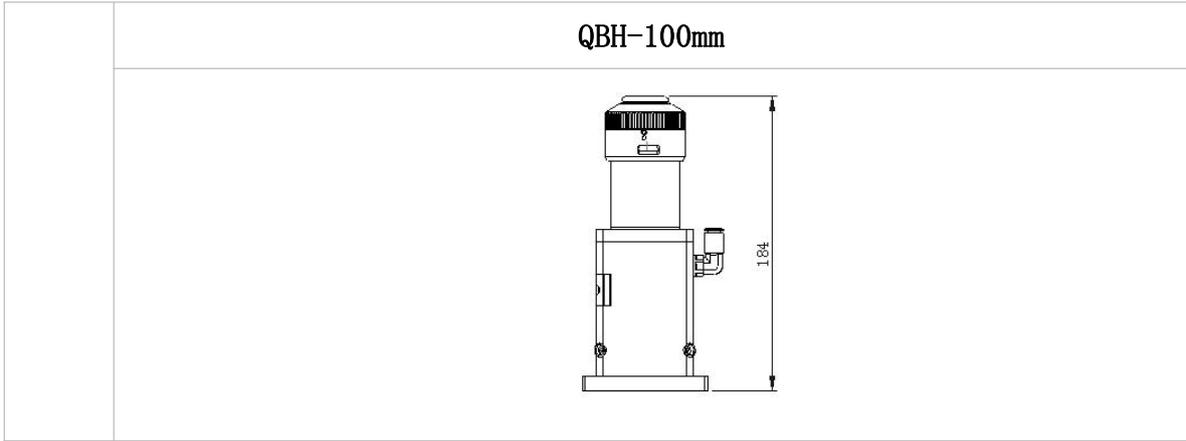
2.3



2.1 — BM111

2.4

2.4.1



2.4.2

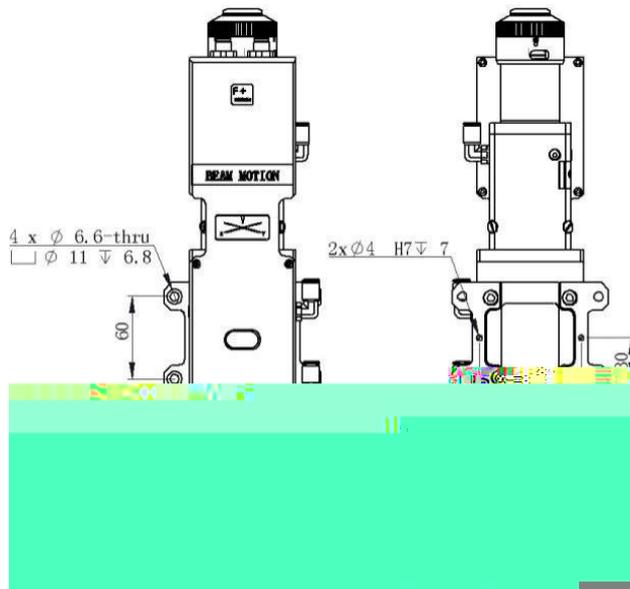
MODE	BMH111		
CL/mm	100		
FL/mm	125	155	200
H/mm	393	417.8	453.32
Weight/KG	5.5	5.8	6.1

3

3.1

BM111

3.1



3.1 —



Z

3.2

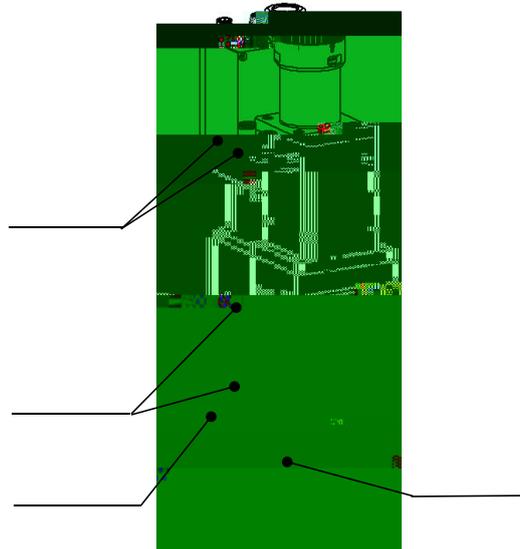
3.2.1

BM111

2

500

3.2



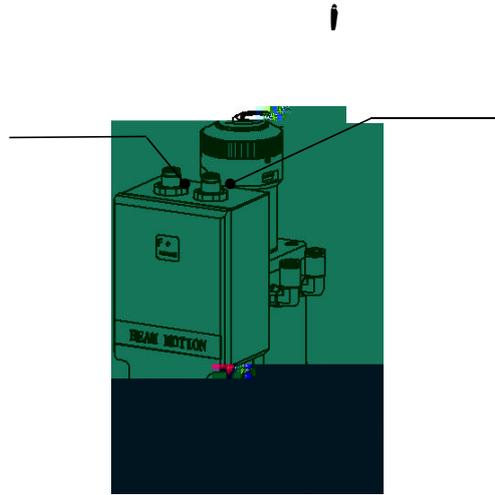
3.2 —

	6mm
	1.8 / 0.48gpm
	170-520kPa (30-60 psi)
	≥ /
CaCO ₃	250mg/liter
PH	6 to 8
	200

3.3

3.3.1

3.3



3.3 —

3.3.2



3.4

BM111

QBH、QD

5 QBH



90

3.5

QBH

QBH

QBH

QBH

QBH

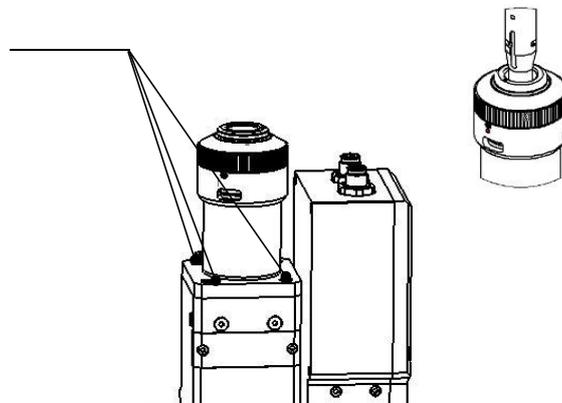
“ ”

3.4

3.4

4

QBH



4

4.1 ETC_F100

4.1.1

1.

CON1	DB15	
CON2	IO	
CON3	24V	
CON4	IO	

2.

CON1

1	OUT_Servo_DA
2	Servo_TGON
3	Servo_CLR
4	Servo_OS
5	PGND
6	E1_A_N A
7	E1_B_N B
8	E1_C_N C
9	AGND
10	Servo_ALM
11	Servo_SON
12	VDD_24V

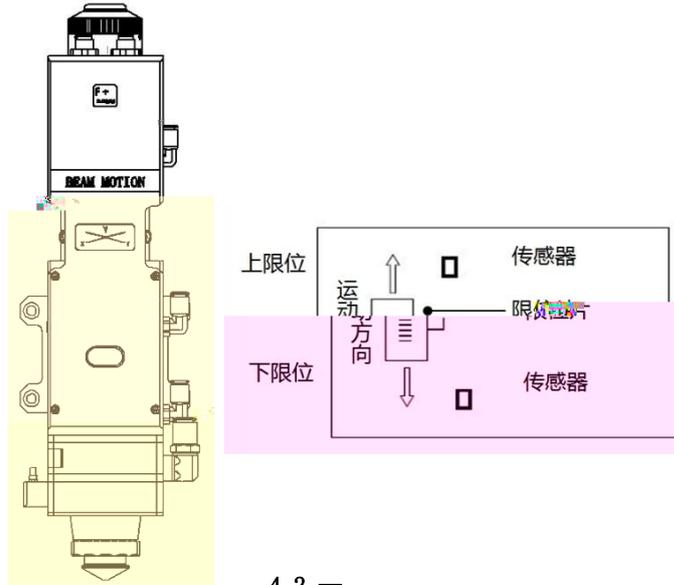
•

4.1.2

L1、L2 L1C、L2C 220V L N

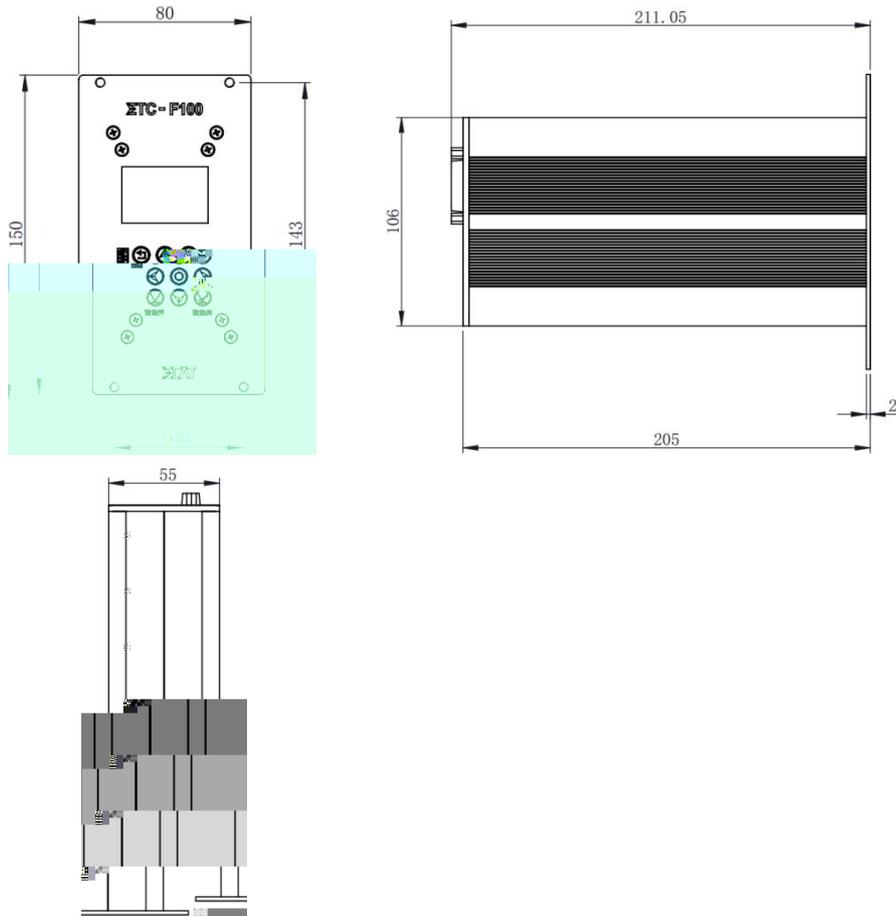
4.1

4.2



4.2 —

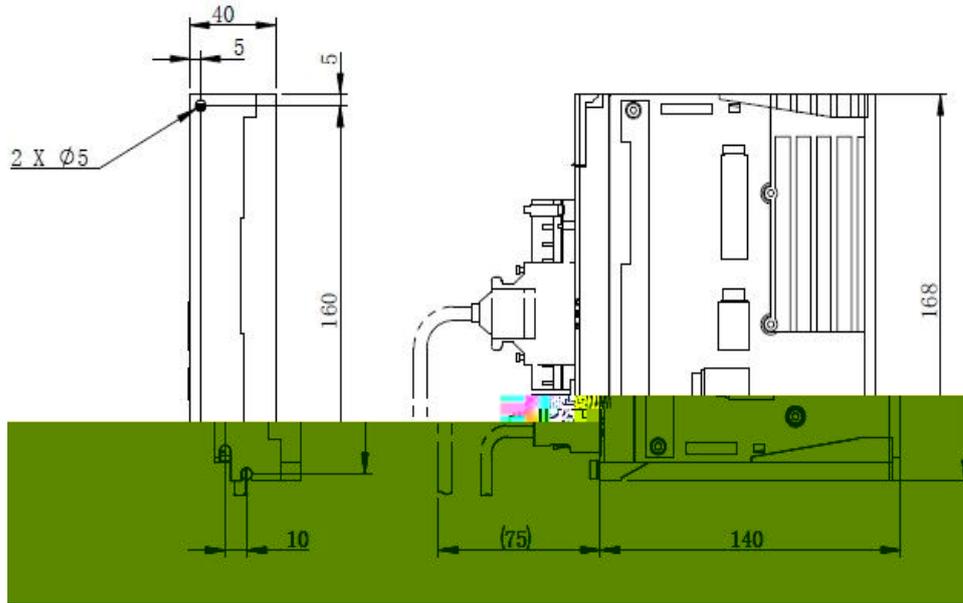
4.1.3 ETC_F100



4.3 — ETC_F100

mm

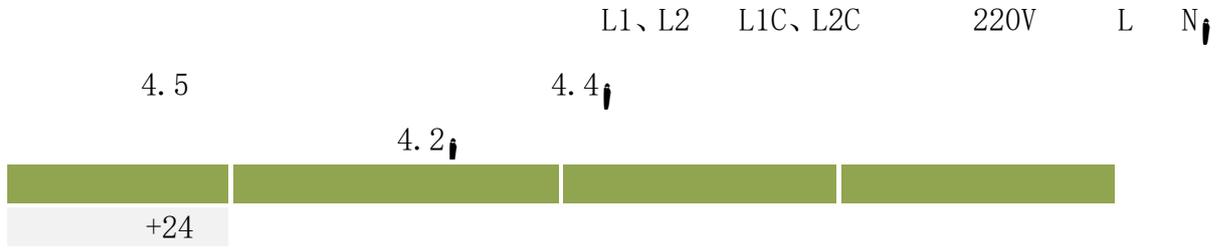
4.1.4



4.4 — mm

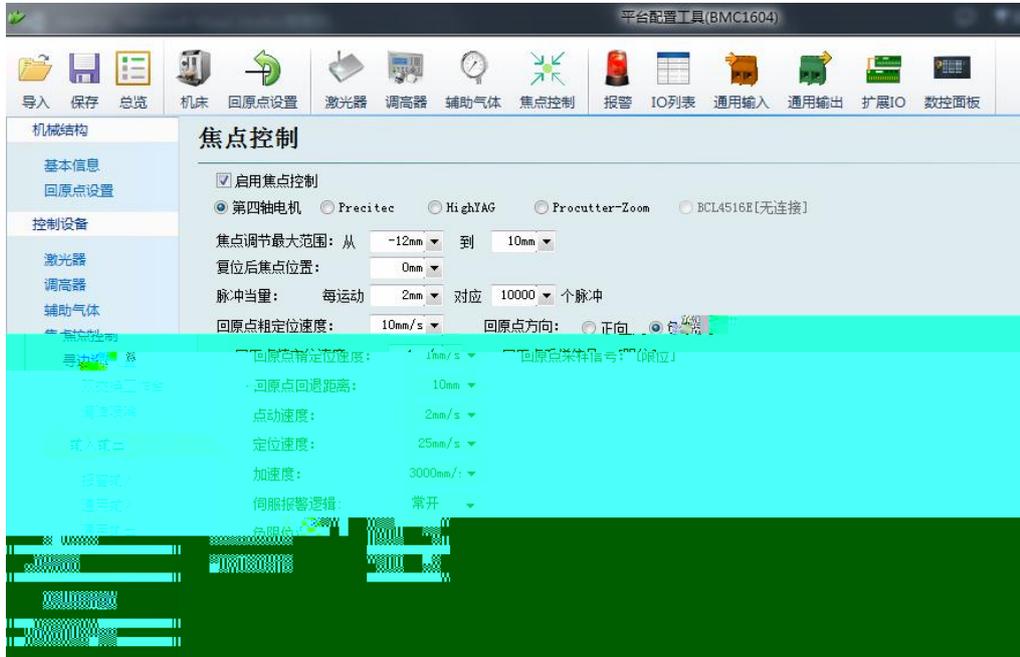
4.2 -BC

4.2.1



2. J -12mm~+10mm

3.



4.6

4.2.3

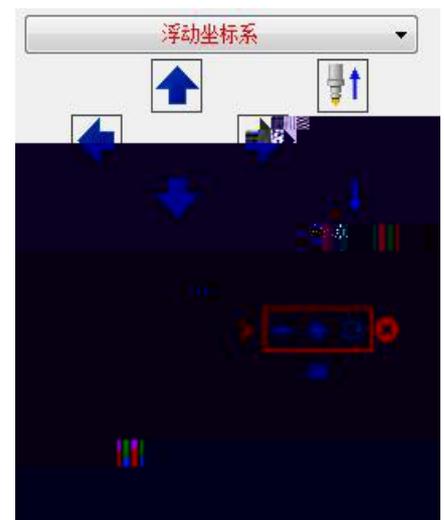
1. J “ ” ,0

J+

2. J 、

3. J

1. + -



4.7

- 2.
- 3. 2mm, 10000
- 4. 50-100mm/s

4.3 -BC

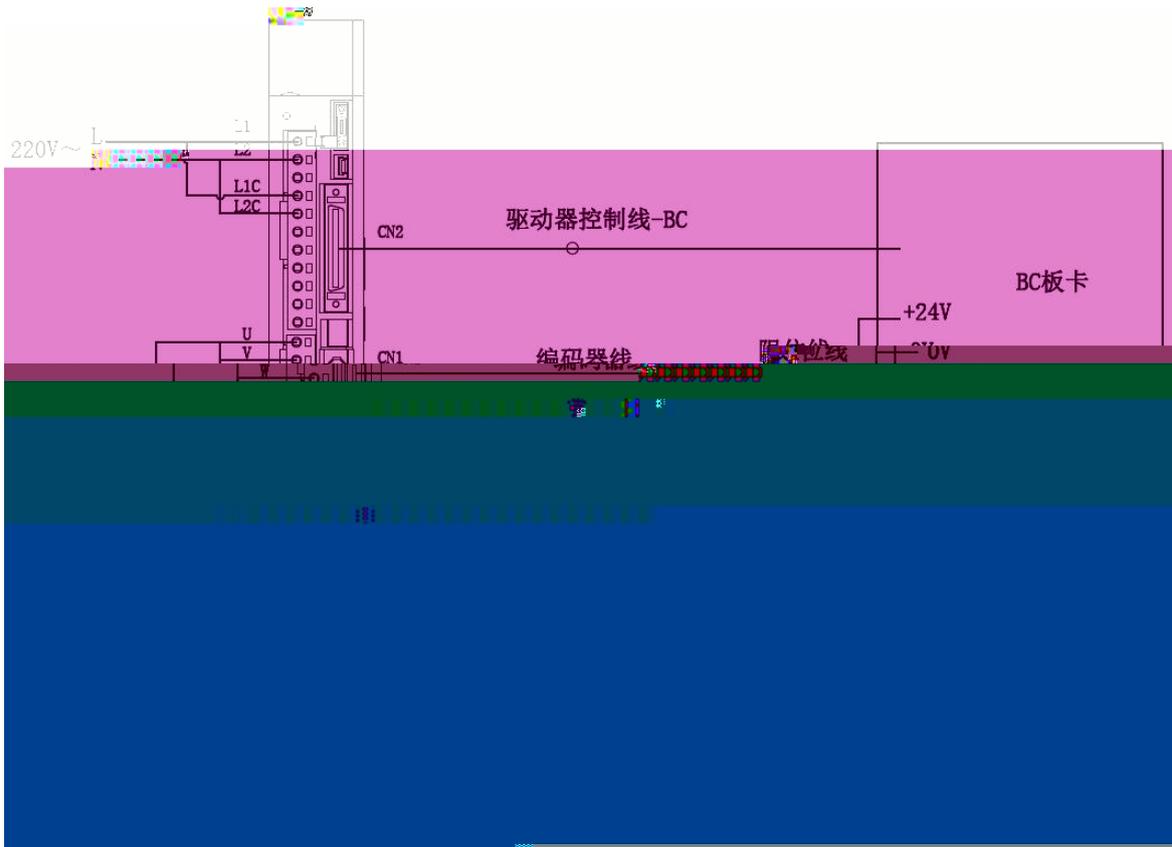
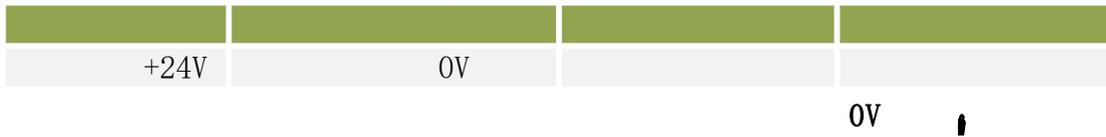
4.3.1

L1、L2 L1C、L2C 220V L N

4.8

4.4

4.1

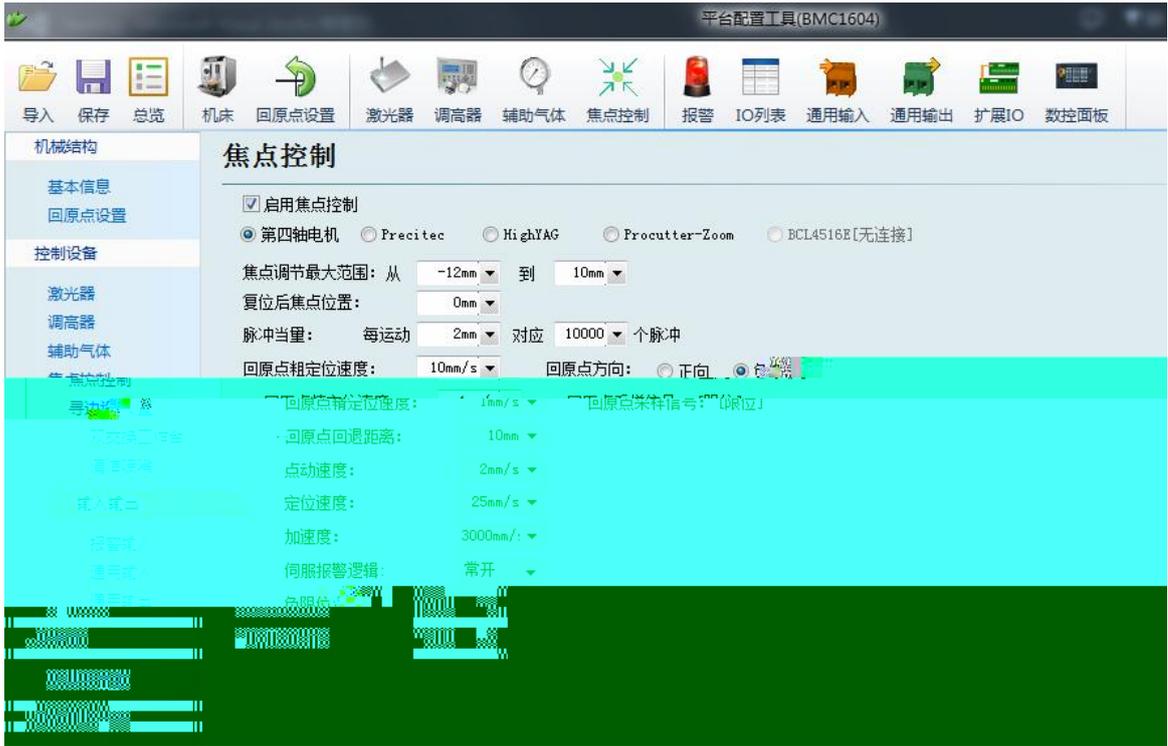


4.8 — -BC

4.3.2

4.9

J “ ” J 0 J+



4.9—

4.3.3

1. J “ ” ,0

J+

2. J 、

3. J

1. + -

2.

3. 2mm, 10000

4. 50-100mm/s



4. 10—

5

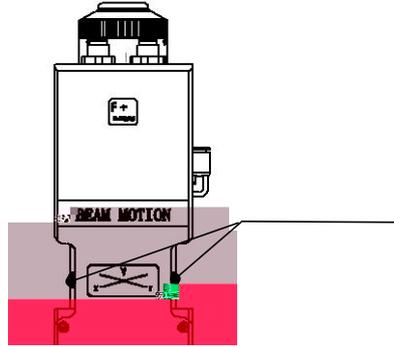
5.1 QBH

BM111

X-Y

5.1

80W-100W



5.1—QBH

5.2

BM111

1.

80-100w

2.

0.5mm

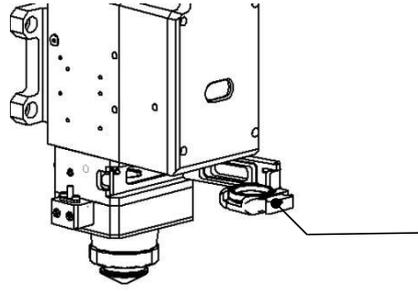
3.

6

6.1

2~3

6.1



6.1 —

1.

2.

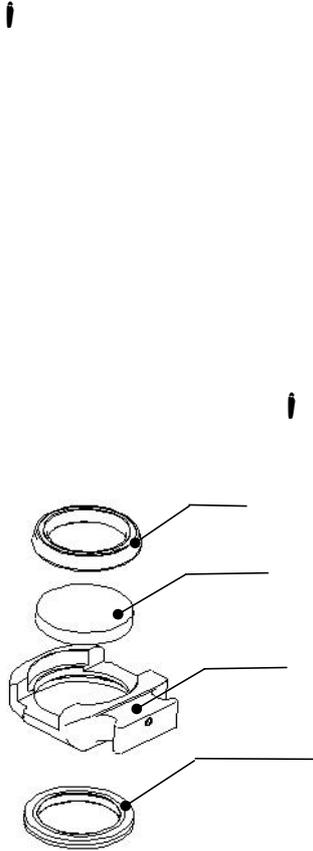
3.

4.

6.2

6.2.1

- 6.2
-
-
-
-
-



6.2 —



6.2.2

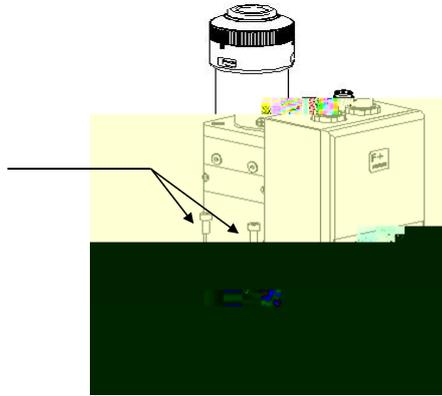
-
-
- 3mm

6.3

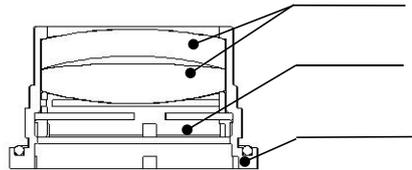
-
-
- 6.4

-
-

i



6.3 —



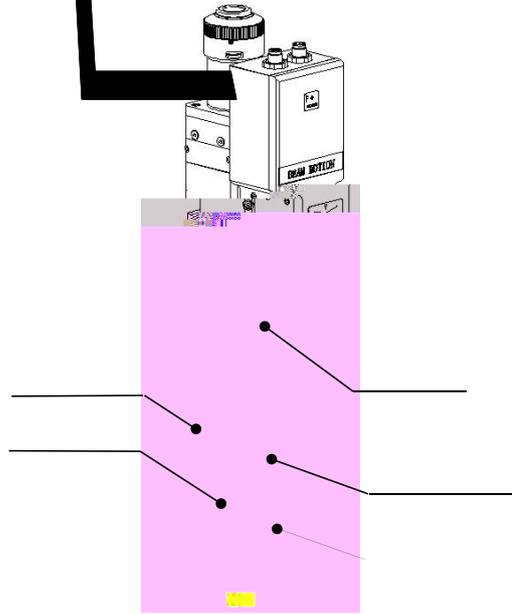
6.4 —

6.2.3

-
-
-

i

6.5



6.5 —

- 6.6
-
-
- 6.7
-
- 1.1
-

3.1

i

6.3

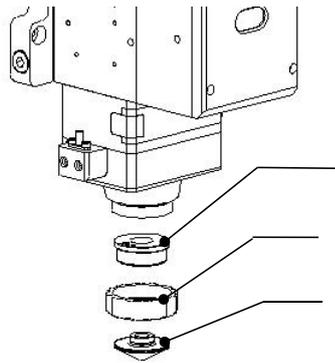
i

6.3.1

-
-
-
-

2

i



6.8 —

6.3.2

-
-
-

i

i

6.4 ETC_F100

6.4.1

ETC_F100

1.

Z

2.

ETC-F100

ETC-F100

3.

Z

Z

Z

4.

6.4.2

1.

2.

3.

Z

Z

C90

4. 

ETC-F100 

6.5

6.5.1

6.5.2 D30- /



6.5.4

6.5.5

6.5.6

--	--

