



[2020]-16800

HBCZ-20120331-202159

2 0 2 0

1 0

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

B 7

"

|   |  |    |        |   |   |
|---|--|----|--------|---|---|
|   |  |    |        |   |   |
| 1 |  | 2  | 106.12 | 1 | / |
| 2 |  | 10 |        |   |   |
| 3 |  | 8  |        |   |   |
| 4 |  | 1  |        |   |   |
| 5 |  | 1  |        |   |   |
| 6 |  | 2  |        |   |   |
| 7 |  | 1  |        |   |   |

|    |  |    |
|----|--|----|
| 8  |  | 2  |
| 9  |  | 6  |
| 10 |  | 3  |
| 11 |  | 3  |
| 12 |  | 2  |
| 13 |  | 2  |
| 14 |  | 4  |
| 15 |  | 1  |
| 16 |  | 10 |
| 17 |  | 10 |
| 18 |  | 4  |
| 19 |  | 5  |
| 20 |  | 4  |
| 21 |  | 2  |
| 22 |  | 3  |

|    |    |   |  |  |  |
|----|----|---|--|--|--|
| 23 |    | 1 |  |  |  |
| 24 | 3D | 3 |  |  |  |
| 25 |    | 7 |  |  |  |
| 26 |    | 4 |  |  |  |
| 27 |    | 5 |  |  |  |
| 28 |    | 2 |  |  |  |
| 29 |    | 4 |  |  |  |

\_\_\_\_\_ /

\_\_\_\_\_ /

1

2 “ ” (www.creditchina.gov.cn)

“ ” www.ccgp.gov.cn

3 3

4

5

6

18502713922

027-87816666-8661

3357441256@qq.com

840085

572976591978

/

2020 10 16

“

”

“

”

|     |  |                           |
|-----|--|---------------------------|
|     |  |                           |
| 2.1 |  |                           |
| 2.2 |  |                           |
| 2.3 |  |                           |
| 2.4 |  |                           |
| 5.1 |  |                           |
| 5.2 |  |                           |
| 6.1 |  | PDF<br>U                  |
| 6.8 |  |                           |
| 7.1 |  |                           |
| 8.1 |  |                           |
| 8.2 |  |                           |
|     |  |                           |
|     |  |                           |
|     |  |                           |
| 9.1 |  | 2003<br>857 2002 1980 61% |

7

572976591978

840085

PDF

3357441256@qq.com

1

“

” “ ”

“ ”

“ ”

2

2018

3

1

2020 01 -2020

06 " ← 1

2

|  |  |                   |
|--|--|-------------------|
|  |  |                   |
|  |  | 5.<br>6<br>7<br>8 |
|  |  |                   |

## 1.

### 1.1

## 2.

2.1 “ ” :

2.2 “ ” :

2.3 “ ” :

### 2.4

1)

2)

## 3.

3.1 “ ”

3.2 “ ”

3.3 “ ”

## 4.

### 4.1

### 4.2

## 5.

### 5.1

### 5.2

## 6.

### 6.1

### 6.2

### 6.3

### 6.4

### 6.5

6.6

90

6.7

6.8

6.9

**7.**

7.1

7.2

7.3

**8.**

8.1

8.2

8.3

8.4

8.5

8.6

**9.**

9.1

|   |  |                                                                                                           |    |
|---|--|-----------------------------------------------------------------------------------------------------------|----|
|   |  |                                                                                                           |    |
| 1 |  | 60 /<br>20mm<br>16mm<br>30kN<br>8mm<br>150 kg                                                             | 2  |
| 2 |  | 6; 5ml ( )/10ml<br>/15ml ( ) ; 30—40 ;<br>$\pm 0.1$ ; 100—800r/min; $\pm$<br>5%; 220V $\pm$ 10% 50HZ 360W | 10 |
| 3 |  | 220V 200W 300mm<br>58r/min 2Kg/ 42*30*45cm<br>26Kg                                                        | 8  |
| 4 |  | 220V 50Hz;<br>+10 250 ;<br>$\pm 1$ ;<br>1380VA;<br>450 × 550 × 550<br>690 × 600 × 760                     | 1  |
| 5 |  | 1 ;<br>2 ;<br>3 ;<br>4 ;<br>5 LED ;<br>6 0-99 ;<br>7 0.165Mpa;<br>8 50 -126 ;<br>9 ;                      | 1  |



|  |  |      |           |        |       |
|--|--|------|-----------|--------|-------|
|  |  | 7    |           |        |       |
|  |  | 7.1  | f=40KHz,  | p=50W, |       |
|  |  | ≥ 1S |           |        |       |
|  |  |      | 0-3000rpm |        |       |
|  |  |      | 30L/min   | 70W    |       |
|  |  |      | 1000mL    |        |       |
|  |  | 7.2  |           |        |       |
|  |  | 8    | /         |        |       |
|  |  | 9    |           |        |       |
|  |  | 10   |           |        |       |
|  |  | ,    | 0.1um     |        |       |
|  |  | 11   |           |        |       |
|  |  | 12   |           |        |       |
|  |  | 12.1 |           | R-R    |       |
|  |  | 12.2 |           |        |       |
|  |  | 12.3 |           |        |       |
|  |  | 12.4 |           |        |       |
|  |  | 12.5 |           | Word   | Excel |
|  |  | Bmp  | Text      |        |       |
|  |  | 12.6 |           |        |       |

|   |  |                                                                                                           |   |
|---|--|-----------------------------------------------------------------------------------------------------------|---|
|   |  | 12.7                                                                                                      |   |
|   |  | 13 < 1min <2min                                                                                           |   |
|   |  | 14 920mm × 440mm × 500mm                                                                                  |   |
|   |  | 15 70Kg                                                                                                   |   |
| 8 |  | 37 ± 0.3<br><br>99.99<br>55 ± 1mm<br>15mm<br>30-32 /<br>25mm<br>60 ± 5                                    | 2 |
| 9 |  | +<br>37CM*28CM*4.5CM<br>50HZ<br>1600W<br>220V<br><br>1M<br><br>:<br>1<br><br>2<br><br>3<br><br>4<br><br>5 | 6 |

|    |  |                                                                                                                                                     |   |
|----|--|-----------------------------------------------------------------------------------------------------------------------------------------------------|---|
|    |  | 6<br><br>7<br><br>8      3C                                                                                                                         |   |
| 10 |  | 20-30<br>1-10Kg/h      0.8-3mm<br>0-75 /min      25Kg<br>450*270*400mm                                                                              | 3 |
| 11 |  | 5L      2L    5L      4.5L<br>1.5-2.7Kg      0-20r/min<br>0.25KW      600*1000*1000mm      100Kg                                                    | 3 |
| 12 |  | 1      2      2<br>75%    92.5%RH<br><br>2      :0--7000Lx      3<br>3      -80    ± 1<br>4      10—100%RH ± 4%<br>5      51*40*38cm<br>6      50dB | 2 |
| 13 |  | 0.01g-300g<br><br>5<br>1      1      0.001<br>g/cm3                                                                                                 | 2 |
| 14 |  | AC220V<br>1KW      100      ± 2<br>5-200 /<br>0-150      20-200<br>40W                                                                              | 4 |



N

30W 1L 220V/50Hz  
0-1200r/min 4400g/cm  
2. 1 n





/ 7  
5500r/min 5310xg  
500mlx4 ± 20r/min  
1min~99min/1min~99h59min  
<63dB(A) AC220V 50Hz 20A  
(LxWxH) 470mmx560mmx380mm 42kg

1

2

2.1 PLANT

AutoCAD

24

3D

HVAC

ISO

Assembly View :



## 2.2 EQUIPMENT

PN0.6~PN160

PV Elite

PV Elite

Plant

## 2.3 Design Review

Plant

Professional  
Review

Design

CDR

Plant

Professional

|  |  |                                                                                                                                                                                                                                                                                                                                                            |  |
|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  | <p>Design Review</p> <p>2.4 P&amp;ID</p> <p>P&amp;ID P&amp;ID Professional</p> <p>AutoCAD AutoCAD</p> <p>PID P&amp;ID Pro</p> <p>—P&amp;ID</p> <p>P&amp;ID</p> <p>PID CADPID P&amp;ID Pro</p> <p>Auto CAD</p> <p>P&amp;ID P&amp;ID</p> <p>P&amp;ID</p> <p>P&amp;ID</p> <p>PID P&amp;ID Pro</p> <p>PID P&amp;ID Pro</p> <p>P&amp;ID</p> <p>:</p> <p>ERP</p> |  |
|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

P&ID : PID

2.5 IP

P&ID Windows®

Internet Explorer®

P&ID

P&ID

(R/min)0-3000, 90W

25

7

24 ml

|    |                             |
|----|-----------------------------|
| 26 | 20 250 5e                   |
|    | 3 ( ) TM                    |
|    | PEG                         |
|    | ID 0.32mm df 0.25 μm : 20 ° |
|    | C to 250 ° C 30m            |
| 27 | 2 ( ) TM1,4-                |
|    | -60 ° C to 350 ° C          |
|    | : 0.25mm 1.00 μm 30m        |
|    | 1                           |
|    | 2 3-5                       |
|    | 3 1-99                      |
|    | 4                           |
| 28 | 4.1 2min                    |

|  |  |            |     |            |           |            |
|--|--|------------|-----|------------|-----------|------------|
|  |  | 5.1        |     |            | 3D        |            |
|  |  | 5.2        |     |            |           |            |
|  |  | 5.3        |     |            |           |            |
|  |  | 6          |     |            | 3D        |            |
|  |  |            |     |            | 3D        |            |
|  |  |            | 3D  |            | 3D        |            |
|  |  | 7          |     |            |           |            |
|  |  | 8          |     |            |           |            |
|  |  | 1          | 1   | Φ 20mm     | 1.4m      | Φ 70mm     |
|  |  | 2          |     |            |           |            |
|  |  | 3          | 2   | Φ 20mm     | 1.4m      | θ          |
|  |  | 4          |     |            |           |            |
|  |  | 5          |     |            |           |            |
|  |  | 6          |     | 1          | 1000mL    | 530W       |
|  |  |            | /   |            |           |            |
|  |  | 2          |     |            |           |            |
|  |  | 7          |     |            | Pt100     | 0.1        |
|  |  | 8          | 2.5 |            | -0.1Mpa-0 |            |
|  |  | 9          |     | 1L/S       |           |            |
|  |  | 10         |     |            | 304       |            |
|  |  | 11         |     |            |           | 0.1~100rpm |
|  |  | 0-25mL/min |     |            |           |            |
|  |  | 12         |     | PLC        |           |            |
|  |  | PLC        |     |            |           |            |
|  |  | 12.1       |     | PLC        |           |            |
|  |  | 12.2       |     |            |           | 1          |
|  |  |            | 2   |            |           |            |
|  |  | 12.3       |     | IP Filter  |           |            |
|  |  | 12.4       |     | Remote I/O |           |            |
|  |  | 13         |     |            |           |            |
|  |  | 13.1       |     | 2.4G       |           | SSD        |



|     |         |   |     |
|-----|---------|---|-----|
| 2   |         |   |     |
| 3   |         |   | 5%  |
| 4   |         |   |     |
| 5   |         |   |     |
| 6   |         |   |     |
| 1   |         |   |     |
| 2   |         | 1 |     |
| 7   |         |   |     |
| 7.1 |         |   |     |
| 7.2 |         |   |     |
|     | 1000.00 |   | 10% |
| 7.3 |         |   |     |
|     |         |   | 10% |
| 8   |         |   |     |

” 3 “ 3

2011 300

1000 40000 300  
2000 20 300  
20 300  
200 40000 20  
5000 5 1000  
5 1000

2011 300

2011 181 6%

2019 9 /

2019 18 /

2019 19

/ 2020

16

<http://www.ccgp.gov.cn/search/jnqdchaxun.htm> /

<http://www.ccgp.gov.cn/search/hbqdchaxun.htm>

( )





\_\_\_\_\_

\_\_\_\_\_



1

2

3

3

4

5

6

0

90

|   |  |
|---|--|
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
| / |  |
|   |  |
|   |  |
|   |  |
|   |  |

1

2

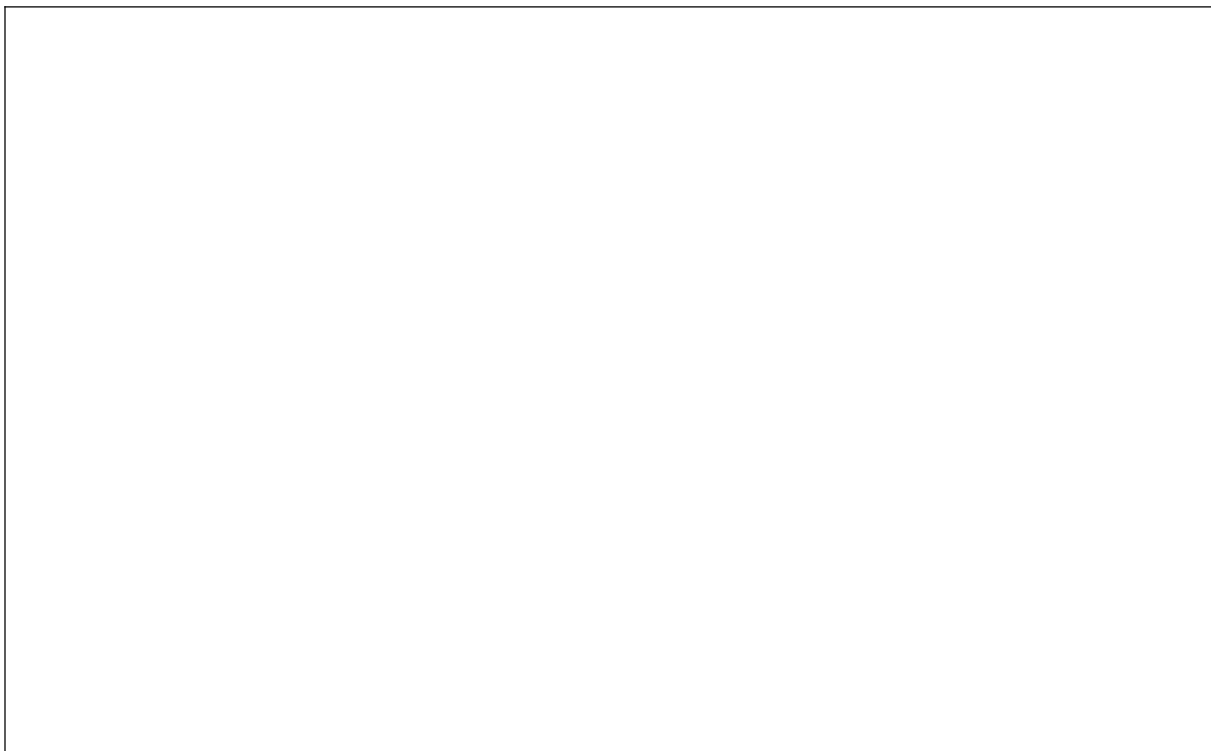
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





|       |       |  |  |  |  |  |  |    |  |  |  |
|-------|-------|--|--|--|--|--|--|----|--|--|--|
|       |       |  |  |  |  |  |  | KG |  |  |  |
| 1     |       |  |  |  |  |  |  |    |  |  |  |
| 2     |       |  |  |  |  |  |  |    |  |  |  |
| 3     |       |  |  |  |  |  |  |    |  |  |  |
| 4     |       |  |  |  |  |  |  |    |  |  |  |
| 5     |       |  |  |  |  |  |  |    |  |  |  |
| 6     |       |  |  |  |  |  |  |    |  |  |  |
| 7     |       |  |  |  |  |  |  |    |  |  |  |
| 8     |       |  |  |  |  |  |  |    |  |  |  |
| ..... | ..... |  |  |  |  |  |  |    |  |  |  |
|       |       |  |  |  |  |  |  |    |  |  |  |

1.
2.
3.
4.

“
”



[2011]181

1. \_\_\_\_\_

[2011]300

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_ / \_\_\_\_\_

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2017 141

\_\_\_\_\_

\_\_\_\_\_

/

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- )
- 2)
- 3)
- 4)
- 5)

- 1.
- 2.
- 3.

3

---

---

---

