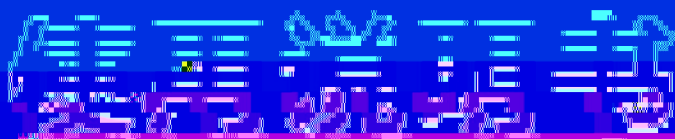


WITALONG

威特龙

IG 541气体灭火设备



威特龙消防设备有限公司
WITALONG FIRE SAFETY EQUIPMENT CO., LTD.

IG541

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QMH-V4.0-20160705

4006-028-119

Tel 028-66765770 66765768

Fax 028-66765762

Email vitalong@vitalong.cn

IG541

IG541

1

2

3

4

5

GB 50263

6

7

8

4	.....	20
4.1	.....	20
4.2	.....	21
5	.....	24
5.1	.....	24
5.2	.....	24
5.3	.....	25
6	.....	27
6.1	.....	27
6.2	.....	27
7	.....	28
7.1	.....	28
7.2	.....	29
7.3	.....	30
7.4	.....	34
7.5	.....	34
7.6	.....	35
7.7	.....	35
8	.....	36
8.1	.....	36
8.2	.....	36
8.3	.....	38
A	.....	40

1

1.1

IG541 52% 40% 8%

ODP 0 GWP 0

IG541

A B E

UL1058 A 24 s B

19 s

IG541 NFPA 2001

EPA SNAP IG541

IG541

IG541

IG541

IG541 “ ”IG541

1.2

IG541

21%

1%

15%

IG541

12.5%

4%

1.3

1.3.1

1 A

2 B

3 E

1.3.2

1.3.3

1 D

2

3

1.4

1

2

1

20	15 MPa		48 s 60 s
50	17.2 MPa		A
0	13.6 MPa		6 MPa
	0 50		150 N
	- 1		70 L 80 L 90 L
	24 VDC		211.15 kg/m ³

2

	N ₂	Ar	CO ₂
/%	48.8 55.2	37.2 42.8	7.6 8.4
/%	99.99	99.97	99.5
/%	5×10^{-4}	4×10^{-4}	1×10^{-3}
/%	3×10^{-3}	3×10^{-3}	1×10^{-3}

1.5

1.5.1

1 24

2

1.5.2

GB 50370

1.5.3

1

2 IG541

3

4

1.5.4

1

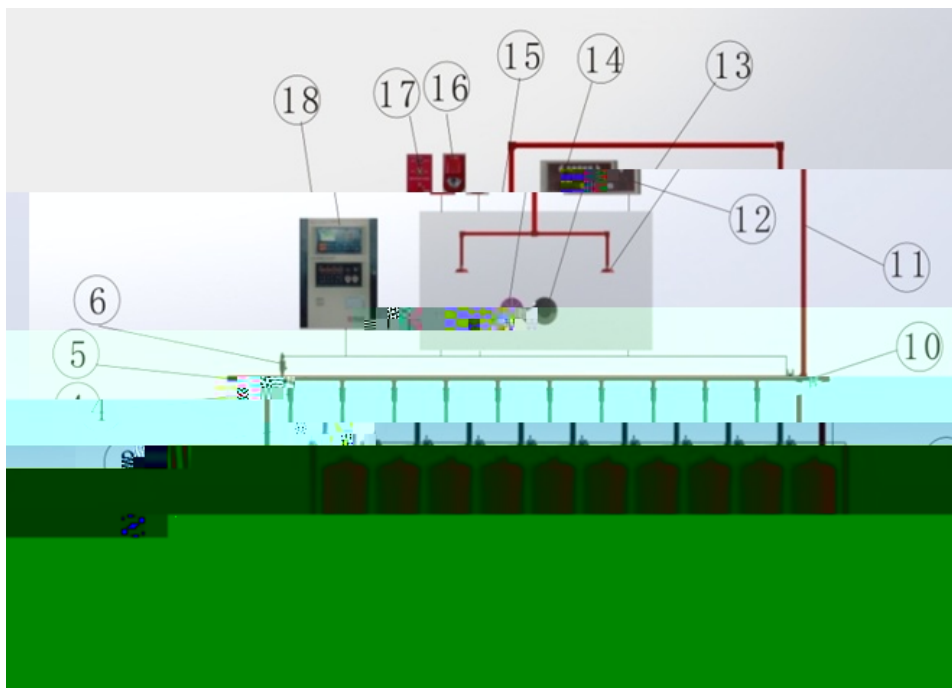
2

3

2

2.1

1

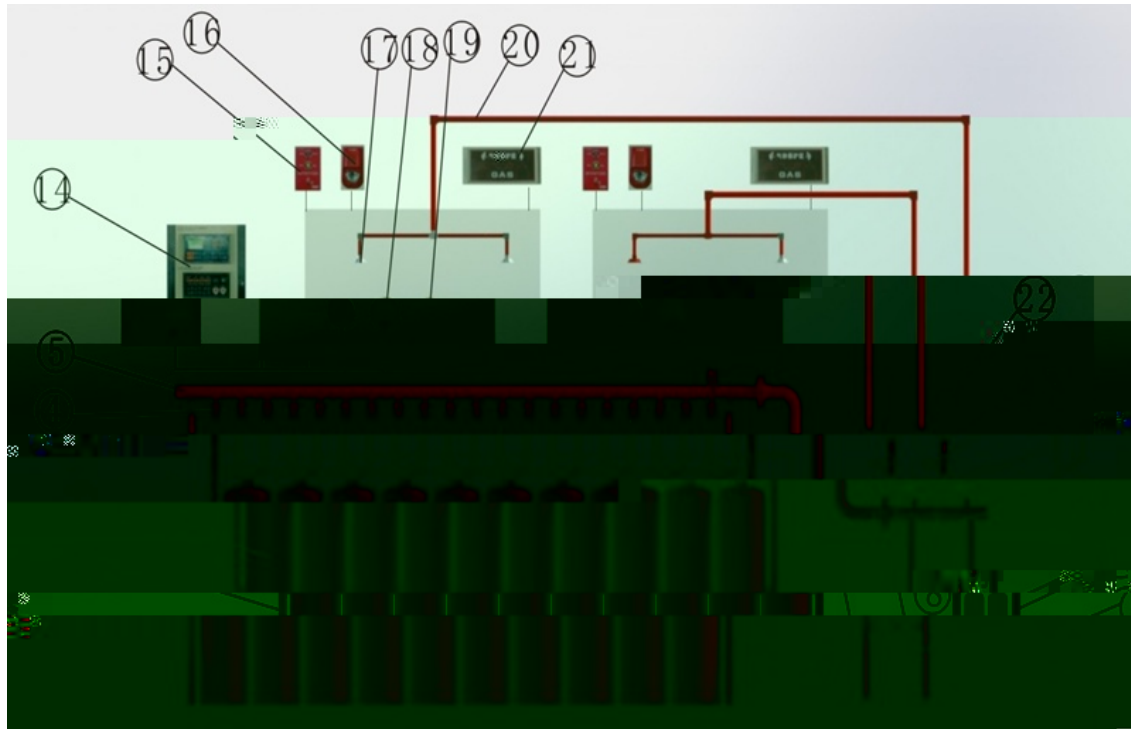


- | | | |
|----|-----|-----|
| 1— | 7— | 13— |
| 2— | 8— | 14— |
| 3— | 9— | 15— |
| 4— | 10— | 16— |
| 5— | 11— | 17— |
| 6— | 12— | 18— |

1

2.2

2



- | | | |
|----|-----|-----|
| 1— | 9— | 17— |
| 2— | 10— | 18— |
| 3— | 11— | 19— |
| 4— | 12— | 20— |
| 5— | 13— | 21— |
| 6— | 14— | 22— |
| 7— | 15— | |
| 8— | 16— | |

2

24VDC

A

3

IG541

GB 50370

3.1

3



3

50

0

3

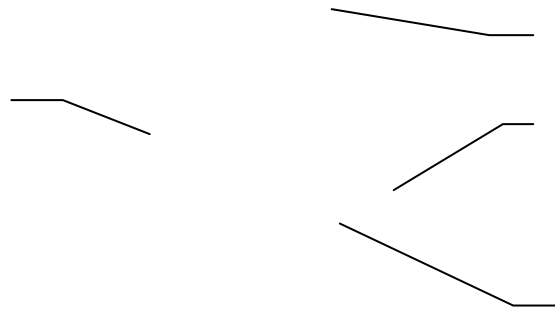
3

	HMP70/15-WTL-I	HMP80/15-WTL-I	HMP90/15-WTL-I
V L	70	80	90
D mm			
H mm	1460	1640	1420
kg	99	109	134
kg	14.7	16.9	19.0
kg	0.2	0.25	0.3
mm	M30×1.5		
mm	15		
MPa	17.2		
MPa	15.0		
	0 50		
MPa	23±1.15		
	GB 5099		

3.2

4

7



4

4

4

HRF15/17.2-SJ		15 MPa	17.2 MPa	15 mm		23 MPa±1.15 MPa

3.3

5

MPa

8 L 15 L 40 L

5

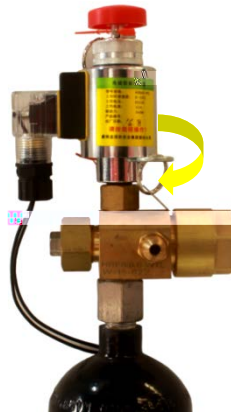
6.0



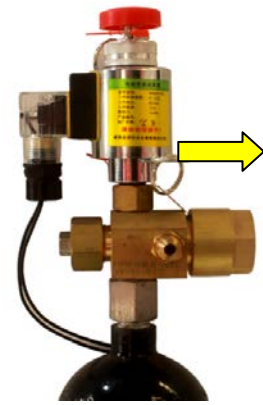
5



6



7



8

5

8

6

1

2

3

5.6MPa

6.0MPa

3.4

F4

HPb59-1

9



9

6

6

HYD15/17.2-WTL	15 mm	17.2 MPa	MPa	M24×1.5	Rc -

1

3.5

10

B



10

7

7

HQD6/6.6-WTL	6 mm	6.6 MPa	MPa	M14×1.5	80 mm

3.6

HPb59-1

11

1

2

3.7.2

B

×1

6 mm

9 MPa

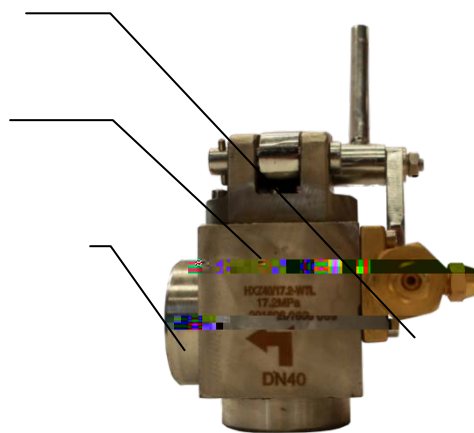
1

2

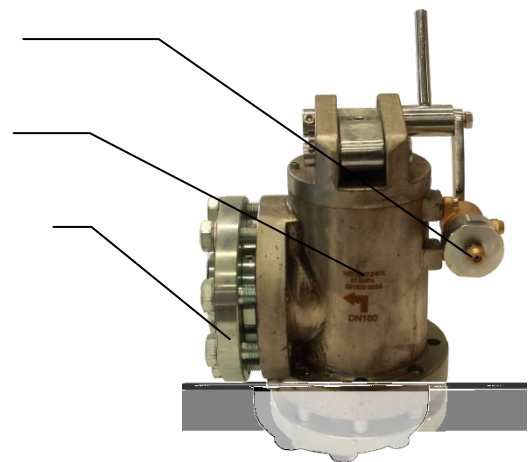
3.8

IG541

13 14



a DN40 DN80



b DN100 DN150

24 VDC/1.5 A

2

1700 mm

3

3.9

24 VDC/3 A

11

11

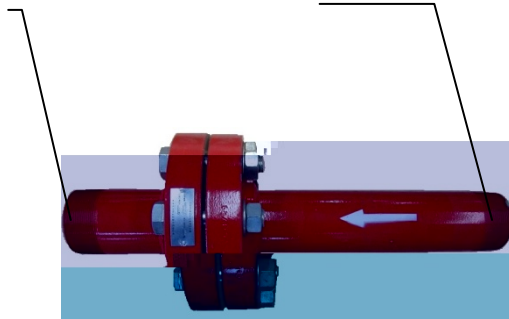
	(mm)	(MPa)	(MPa)	(A)
HXF0.6/17.2-WTL	6	17.2	0.6	3

1

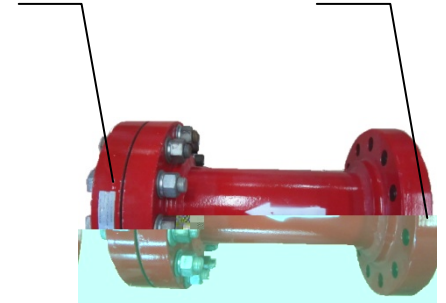
0.6 MPa

5

12



a) DN40 DN80



a) DN100 DN150

16

12

	mm	mm
<p>HJYB10.2/80-WTL</p>	40	
	50	
	65	
	80	
	100	
	125	
	150	

3.11

17

“U”

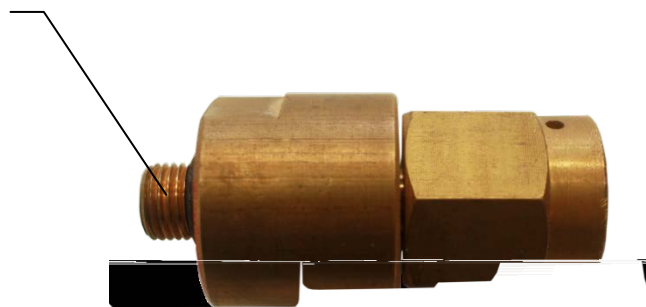


17

3.12

HPb59-1

18



18

13

13

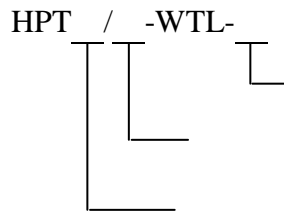
HAX23-WTL	23 MPa±1.15 MPa	M14×1.5

1

2

3.13

360°



a



a

19

1

1 5.0 m

2 0.3 m

3 1.5 m

3.5 m

4 1.5 m

5.0 m

2

250 mm

5 m

3

0.5 m

4

5

14**DN25**

	mm	mm ²		mm	mm ²
HPT1/25-WTL	0.79	0.49	HPT9/25-WTL	7.14	40.06
HPT1.5/25-WTL	1.19	1.11	HPT9.5/25-WTL	7.54	44.65
HPT2/25-WTL	1.59	1.98	HPT10/25-WTL	7.94	49.48
HPT2.5/25-WTL	1.98	3.09	HPT11/25-WTL	8.73	59.87
HPT3/25-WTL	2.38	4.45	HPT12/25-WTL	9.53	71.29
HPT3.5/25-WTL	2.78	6.06	HPT13/25-WTL	10.32	83.61
HPT4/25-WTL	3.18	7.94	HPT14/25-WTL	11.11	96.97
HPT4.5/25-WTL	3.57	10.00	HPT15/25-WTL	11.91	111.29
HPT5/25-WTL	3.97	12.39	HPT16/25-WTL	12.70	126.71
HPT5.5/25-WTL	4.37	14.97	HPT18/25-WTL	14.29	160.32
HPT6/25-WTL	4.76	17.81	HPT20/25-WTL	15.88	197.94
HPT6.5/25-WTL	5.16	20.9	HPT22/25-WTL	17.46	239.48
HPT7/25-WTL	5.56	24.26	HPT24/25-WTL	19.05	285.03
HPT7.5/25-WTL	5.95	27.81	HPT32/25-WTL	25.40	506.45
HPT8/25-WTL	6.35	31.68	HPT48/25-WTL	38.40	1138.71
HPT8.5/25-WTL	6.75	35.74	HPT64/25-WTL	50.80	2025.80

3.14

21

20

4

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4.1

4.1.1

1

2

4.1.2

1

2

3

4.1.3

1

2

4.1.4

1

2

4.2

4.2.1

1

1 m

2

4.2.2

1

“U”

4.2.3

1

1.7 m

2

3

4.2.4

1

2

0.6 m

3

5 min

4

4.2.5

1

2

50 mm

3

15

500 mm

15

DN(mm)	15	20	25	32	40	50	65	80	100	150
--------	----	----	----	----	----	----	----	----	-----	-----

1		0.5 MPa/s	13 MPa
5 min			
2			
	10.5 MPa		
3			
a			0.2 MPa
b			50%
		10%	3 min
2			
		2/3	8.7 MPa
		0.5 MPa/s	8.7 MPa
	3 min	10%	
3			
			20 m/s
4			
5			
			6MPa
			20m/s

5

5.1

5.2

5.2.1

1

2

24 VDC/ A

21 22

21

22

24 VDC/ A

—

1

2

5.2.3

1

2

10%

3

4

1

2

3

4

5.3

1

2

3

4

B

23

23

5



24

26

6

6.1

24

6.2

6.2.1

0 30

24 VDC/1.5 A

6.2.2

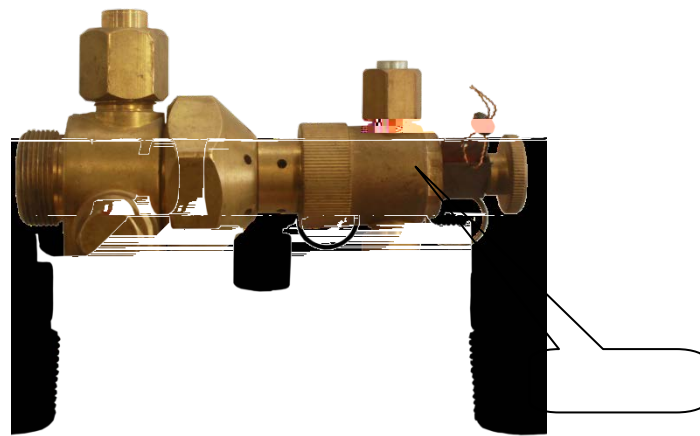
6.2.3

7

7.1

1

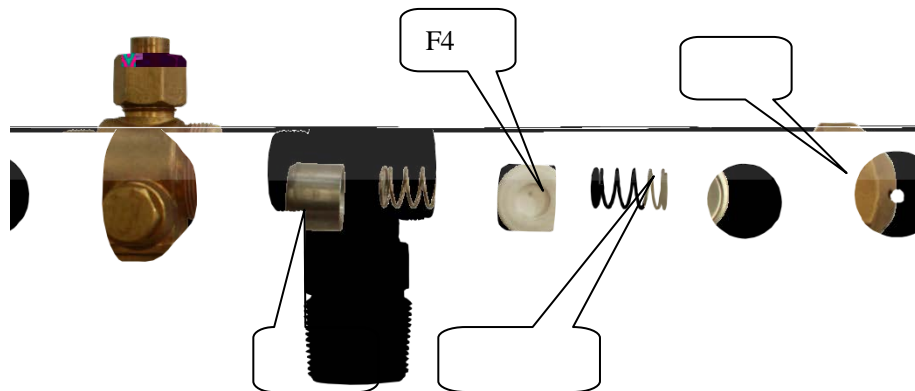
25



25

2

26



26

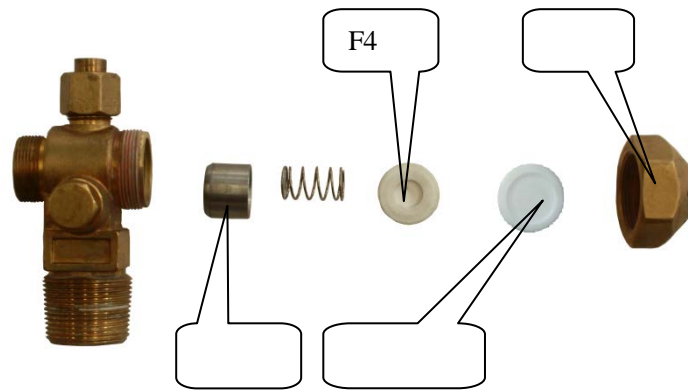
3

“ ”

F4

4

27



27

7.2

IG541

IG541

GB

20128

1

28



2

3

4

16

5

29

16 IG541

L	70	80	90
kg	1.17	1.35	1.52
kg	7.64	8.79	9.88

9.88

1

30

2

31

3

32



31

32

4

33



33

34



35

36

5

34

35

6

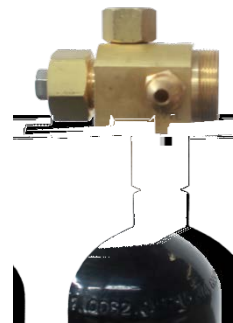
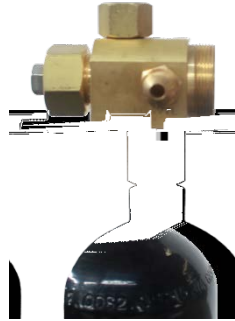
36

7

37

8

38



37

38

9

39

10

40



39



40

11

41

42

41

42

12

43

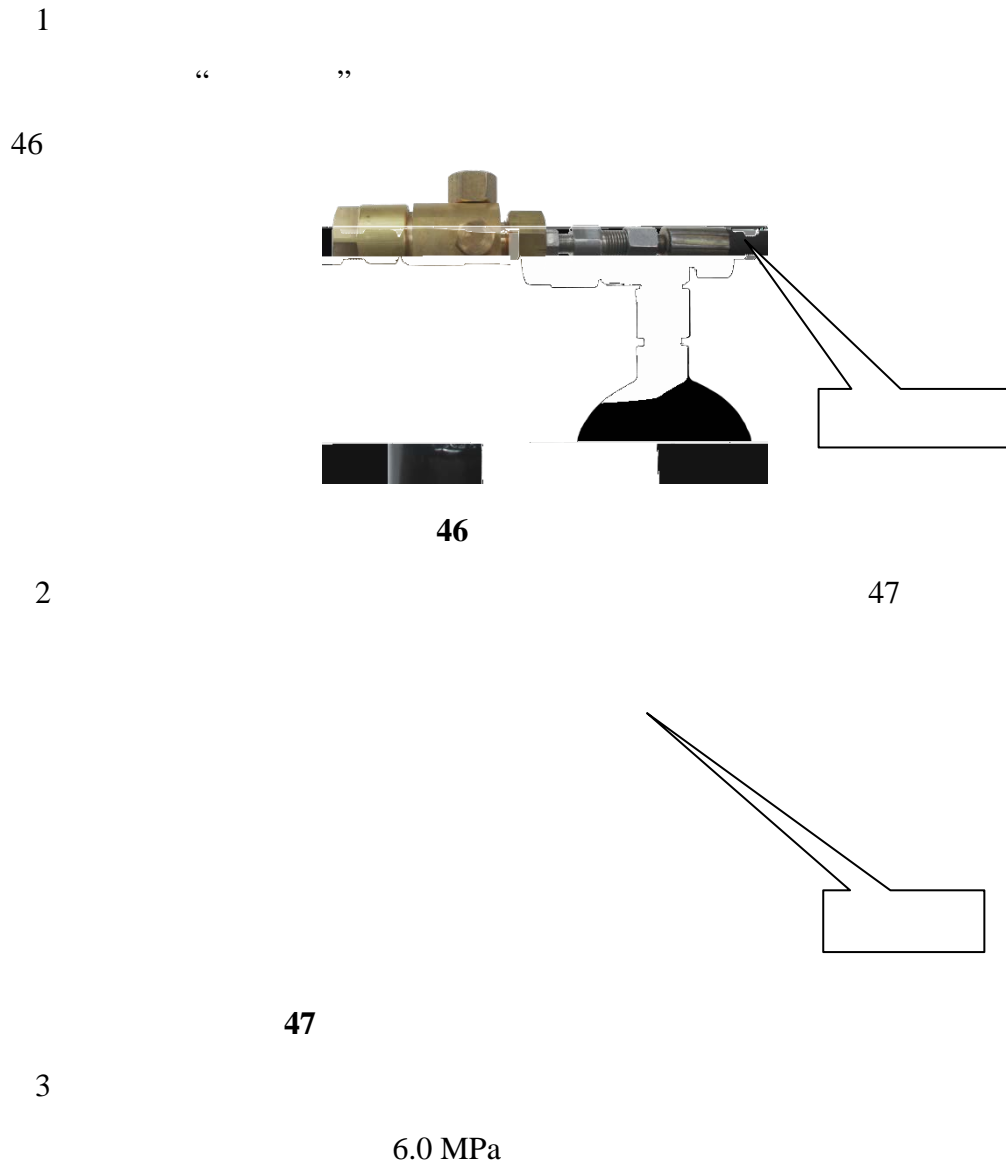
13

44

43

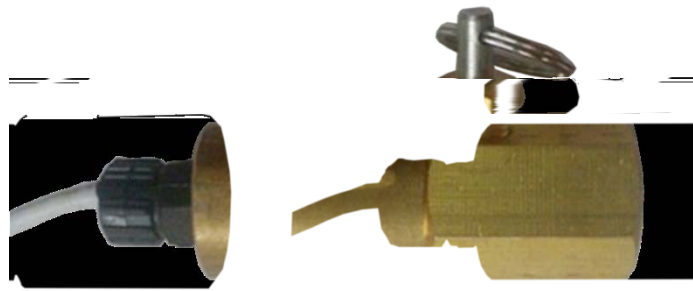
7.4

GB/T 8979



7.5

48



48

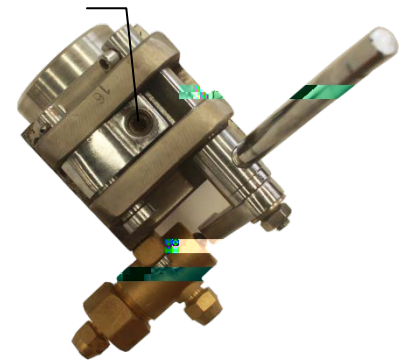
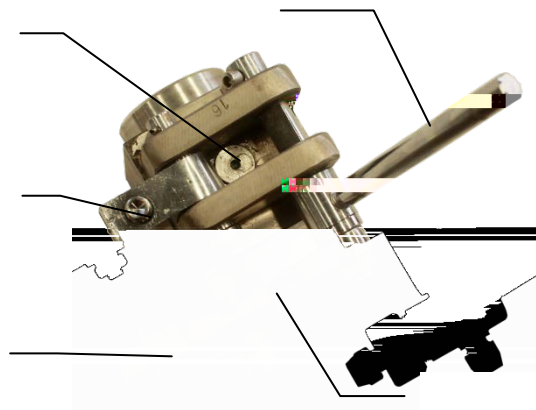
7.6

1

49

2

50



49

50

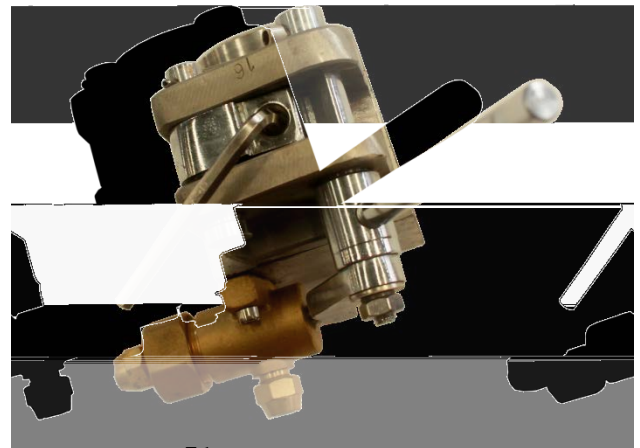
3

90°

51

7.7

5.3



51

8

8.1

1 GB 50263

2

3

4

5

24

220 VAC/50 Hz

8.2

17

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			—	—	

1

17

2

18

18

		3		
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	()		—	—
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