
2015

1674

≤ 60

2022 8

2023 3

1.

1.1

16	2008	2	1						
	9					2	2019	9	1
	10								
	30	2015	5	29		80	2015	7	1
	11						44	2015	5
29					80	2015	7	1	
	12								55
1	2015	3	23			79	2015	7	1
	13					15			



6441-1 V94

V944
36

37

[2016]11

5

2017

9 3

2016 7

6

38

2018 21

2018 8 31

1.2.2.

1

GB50156-2021

694

2

GB 6944-2025

3

GB 12268-2025

4

GB 18218-2018

5

GB 17914-2013

61

GB 55036-2022)

50016-2014

7

5005

1986-2022

V944

V94 12 DE
V944

20	(GB/T12801-2008)	
21	(GB 5083-2023)	
22	YJ/T 9007-2019	
23	(AQ 3010-2022)	
24	AQ 3018-2008	
25	GB30871-2022	
26	XF/T 3004-2020	
27	-	SH/T
3178-2015		
28	GB/T 13869-2017	
29	AQ 8001-2007	
1.2.3.		
1	2005	4
2		2002
11		
3		2003 7
	1.3	
1		
2		
3		
4		
5		
	1.4	
		1-1

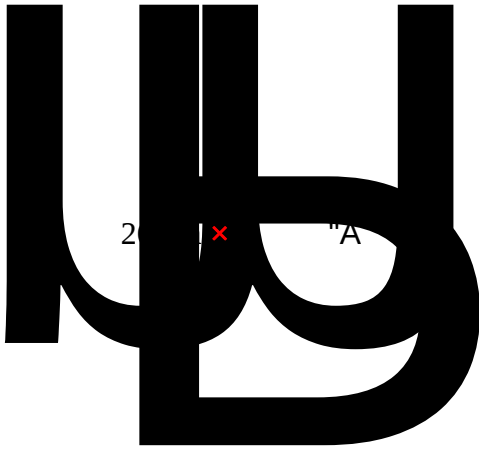


2000m³

ü SF 4 1 1
1

È 2

P "R R
P "R 4 "R 2 30m³ \$
P 50156-2021 3.0.9
90m³ 5

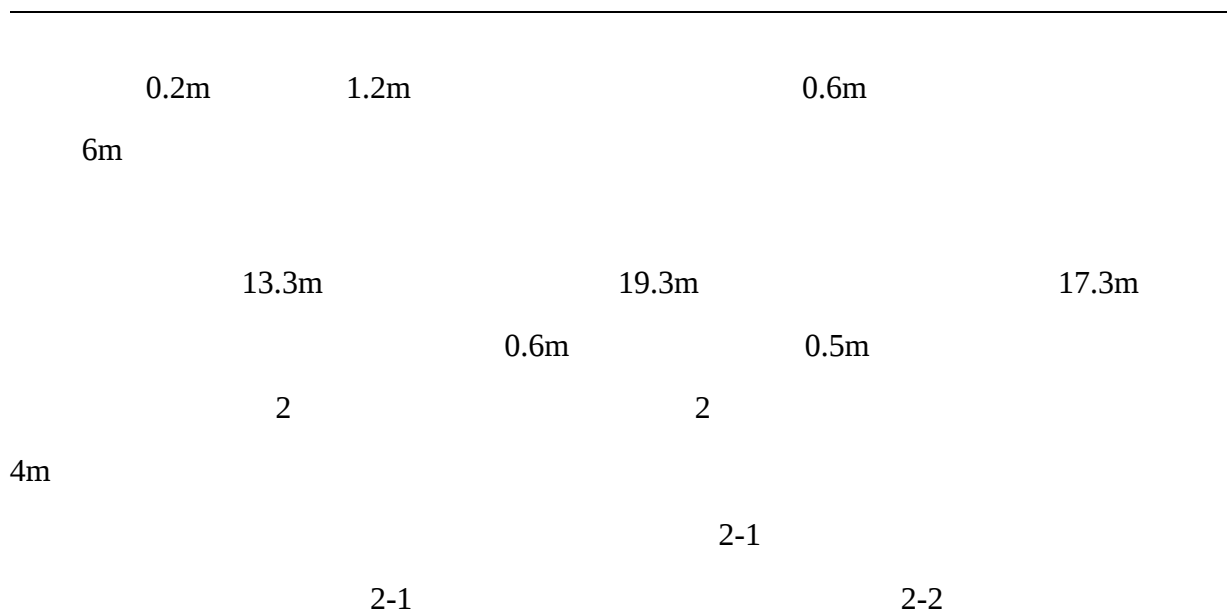


2.1

B 70% P 307 j
2 1 x "A 3. . B 3 .

82¥ , m T





2-1

∞

m

	2		7	23.5
	H=7m	-	5	26
307			3	45.3
	5		6	36
	3		10	23.3
	4		10	14.8
	1		10	62
	2			

2-2

m

	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	3	7.6
	-	-	-	-	-	-	-	-	-	-	-	-	2	7.6
	4	13.3	3	19.3	4	16.3	3.5	16.3	5	5.5	4	13.5	5	17.3
	2	19.7	2	13.7	2	16	2	16	-	-	-	-	-	-
	7	18.6	6	20	7	19	6	19	7	31.9	6	39.6	-	-
	7	34.7	6	33.8	7	19	6	19	7	63.3	6	70	-	-

2.4

2-3

2-3

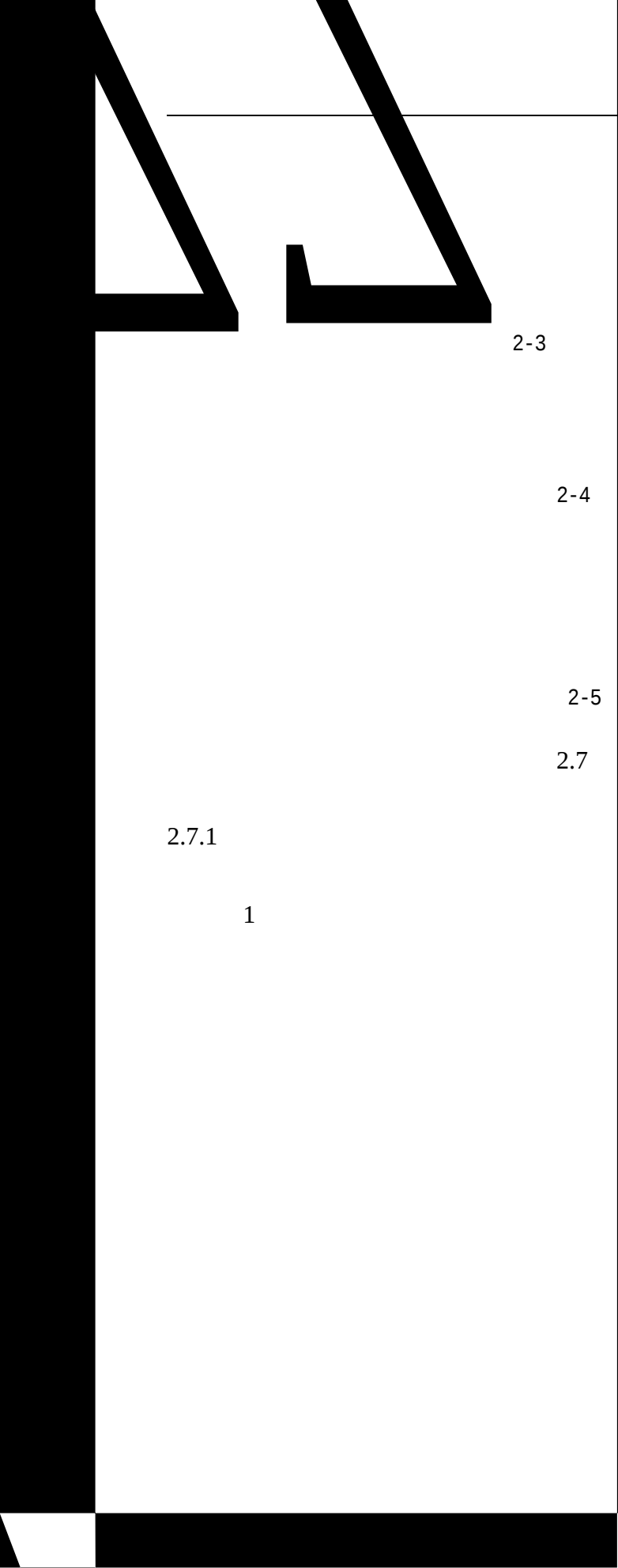
∞

1			117m ²			
2			242m ²			H=6m
3			45m ²			
4			30m ²			

2-4

2-4

1		2	30m ³	-	SF
2		2	30m ³	-	SF
3		2	CS30D2213N		
4		2	CS30D2213N		
5		4	TLS2		
6		1	UZK-SA-LD		-
7		8		-	3 4 4m 1 4m
8		1	HGD15-89		



2-3

2-4

2-5

2.7

2.7.1

1

2026 4 11

4

2.7.2

1

2

a. 5

b.

c.

3

4

380/220V TN-S

UPS

5

5

6

6 8kg 2

8kg

3

5kg

CO₂

6

8kg

2

35kg

2

3m³

7

8

3

4

4m 1

4m

3.

0.9

0.6%~7.2%

15min

3.2.2 ∞

3.3 ∞

3-2

3-2

1			
2			
3			
4			
5			
6			

3.3.1 ∞

1

70m

6 46

2

1987 2 4

1986 5 2

3

4

2

3

3.3.3

3.3.4

3.3.5

3.3.6

3.3.7

1

2

4.

4.1

5. ∞

8

5-1

∞

5-1

	1		
	2		
	3		
	4		
	5		

∞

5-2

	1		
	2		
	3		
	1		
	2		
	3		
	4		
	5		
	6		
	7		

-
- 8
 - 9
 - 10
 - 11
 - 12
 - 13
 - 14
 - 15
 - 16
 - 17
 - 18
 - 1
 - 2
 - 3

4òB ó^>w! ^N +O

y

5-3

	1	GB50156-2021 3.0.4		
	2 GB50156 3.0.9	GB50156-2021 3.0.9	30m ³	
	3	GB50156-2021 3.0.25		
	4	GB50156-2021 3.0.27	8	
	1	GB50156-2021 4.0.1		
	2	GB50156-2021 4.0.2		
	3 4.0.4	GB50156-2021 4.0.4		

			4.0.4	
	4	GB50156-2021 4.0.12		
	5	GB50156-2021 4.0.13		
	1	GB50156-2021 5.0.1		
	2	6m 4m 8%	8m 8%	
	3	GB50156-2021 5.0.3		
	4	“ ” “ ”	“ ” “ ”	
	5	3m	GB50156-2021 5.0.6	

					1.2m ³	
	100mm	1.2m				
6					GB50156-2021 (5.0.7	
7					GB50156-2021 5.0.8	
8						
		300m ²			GB50156-2021 5.0.9	
9						1
		4.0.4			GB50156-2021	
			“ ”		5.0.10	18.6m
	“ ”					34.7m
						4.0.4
10					GB50156-2021	
					5.0.11	
11						
				2.2m		
	4.0.4	B	5.0.9			

	4.0.4			
12	GB50156 5.0.13-1	GB50156-2021 5.0.13	2-1 2-2	2Đ
13	C	GB50156-2021 5.0.16		

5-4

1

GB50156-2021
6.1.1

5

10⁹Ω
10⁹Ω
A=0.04Vt
GB50156-2021
6.1.7
SF

6.

11.2
GB50156-2021
6.1.8
SF

7

GB50156-2021
6.1.9

8

4mm
80mm
GB50156-2021
6.1.10
SF
o

	0.3m	6.1.12		
	11	GB50156-2021 6.1.13		
	12	GB50156-2021 6.1.14		
	13 90% 95%	GB50156-2021 6.1.15		
	14	GB50156-2021 6.1.16		
	0.8L/h			
	15 SH 3022	GB50156-2021 6.1.17	SF	
	1	GB50156-2021 6.2.1		
	2 50L/min	GB50156-2021 6.2.2	5-50L/min	
	3	GB50156-2021 6.2.3		

	4	GB50156-2021 6.2.4		
	5	GB50156-2021 6.2.5		
	1	GB50156-2021 6.3.1		
	2	GB50156-2021 6.3.2		
	3	GB50156-2021 6.3.3		
	4	100mm GB50156-2021 6.3.4		

5

GB50156-2 5

			GB50156-2021		
			6.3.8		F ρ
		50mm			021q
100mm		45°			
	T				
		150mm			
200mm					
200mm					

4mm

$10^8\Omega\cdot\text{m}$

$10^{10}\Omega$

$10^8\Omega\cdot\text{m}$

100kV

$10^{10}\Omega$

13

GB50156-2021

6.3.13

14

GB50156-2021

6.3.14

15

2‰

GB50156-2021

6.3.15

2‰

1%

1%

5-5

1
2
1 5kg
6L
15m
2m³

2 5kg
2 2
35kg
5
2 2m³

1
8kg
2

GB50156-2021
12.1.1

6

5-6 ∞ ∞

1			GB50156-2021 13.1.1	
2		380/220V	GB50156-2021 13.1.2	380/220V
3		90min	GB50156-2021 13.1.3	90min
4				

4.5m

13			
100Ω		GB50156-2021	
		13.2.15	
14			
	1	GB50156-2021	1
		13.2.16	
1			
		5.0.1	
2			
		5.0.5	
3			
		5.0.8	
1			
		GB50156-2021	
		1	

2.

3

GB50156-2021

14.1.5

1

GB50156-2021

14.2.1

2

4.5m

2m

	5		GB50156-2021 14.2.9		
	6	300m ²	GB50156-2021 14.2.10		
	7	B GB50016	GB50156-2021 14.2.11	B	
	8	3h	GB50156-2021 14.2.12		
	9		GB50156-2021 14.2.13		
	10	25m 5.0.13 3.0h	GB50156-2021 14.2.14		
	11		GB50156-2021 14.2.15		

	12	GB50156-2021 14.2.16		
	1	GB50156-2021 14.3.1		

5-8

	“ ”			

5-9

	5	5	0	0
	31	31	0	0
	22	18	0	4
	45	39	0	6
	10	10	0	0
	28	27	0	1
	16	9	0	7
	20	11	0	9
	177	150	0	27

5-9

177

27

150

1

1		8kg	5kg 4	8
2		35kg	1	2
			2m ³	3m ³
			5	6
3		8kg	-	3
		5kg CO ₂	-	6
4		8kg	-	2

6

“

”

“

”

7

8

9

10

14

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“

”

Уп
Ап í

1.

GB50058-2014

1 0

2 1

3 2

2.

1

3.

1

1

1

2

4.5m

0.15m

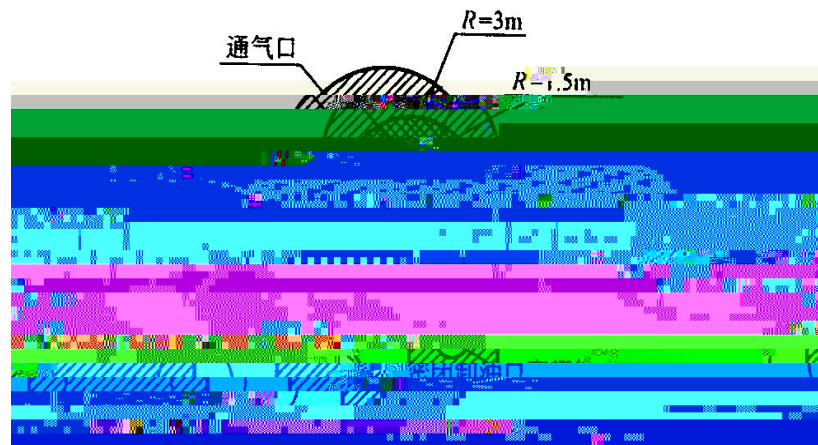
3m

2

3
1.5m

3m

2



2

5.

3

1

0

2

1.5m 0.75m

0.5m

1

3

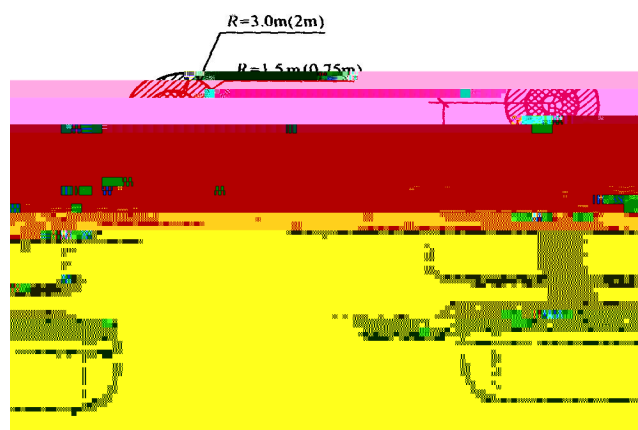
1.5m

1m

3m 2m

1.5m

2



3

