
1.	.....	1
1.1	.....	1
1.2	.....	1
1.3	.....	5
1.4	.....	5
2.	.....	7
2.1	.....	7
2.2	.....	7
2.3	.....	7
2.4	.....	12
2.5	.....	12
2.6	.....	13
2.7	.....	13
3.	.....	17
3.1	.....	17
3.2	.....	18
3.3	.....	23
4.	.....	29
4.1	.....	29
4.2	.....	29
5.	.....	30
6.	.....	54
7.	.....	56
	.....	57
	.....	59

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
	2015	3	23			79		2015	7 1
	13					44	2025	6	1

2015 80 2015 8 19

23

2020 1 2020 5 30

24

2011 95 2011 7 1

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2011 142 2011 7 1

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2018 2012 8 30

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2017 22 2017 21 28

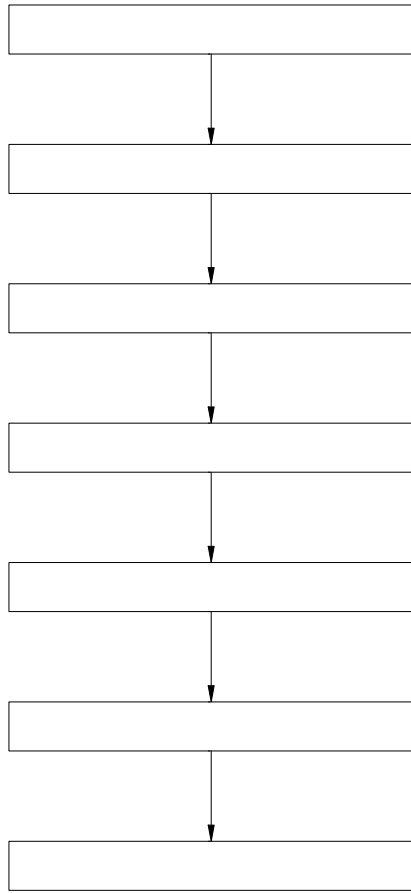
r

33

1.2.2.

- | | |
|---|---------------|
| 1 | GB 50156-2021 |
| 2 | GB 6944-2025 |
| 3 | GB 12268-2025 |
| 4 | GB 18218-2018 |
| 5 | |

28					GB/T 34661-2017	
29					GB/T 35579-2017	
30		1			GB/T30040.1-2013	
31		4				
					GB/T30040.4-2013	
32					GB/T21447-2018	
33					GB/T 13869-2017	
34					AQ 8001-2007	
1.2.3.						
	1			2005	4	
	2					2002
11						
	3				2003	7
					1.3	
	1					
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	3					
	4					
	5					
					1.4	
						1.4-1



1.4-1

55

54%

3

101.6Kpa

4

658mm

5

4.6m/s

25.7m/s

6

23.4d

7

15.0cm

1.17m

8

8

Ø20g

0

2.3

7.5m

1

1

21m 19m

, 4

2.3-1

2.3-1

2.3-2



2.3-1

 ∞

m

m

312

H=5m

-

10.5

15

12.5

32

5.5

48

5

41

7

57

10.5

16

12.5

40

312

H=5m

-

5

42.5

5

20

7

35

10.5

27

12.5

29

312

H=5m

-

5

46

5

48

7

63

9

24

10

28

312

H=5m

-

3

42

5

41

6

57

9

26

10

38

312

H=5m

-

3

32.5

5

20

6

35

9

27

9

2.3-2

m

0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	3	3
-	-	-	-	-	-	-	-	-	-	-	-	2	3.2
7	35	6	37	7	43	6	43	7	21	6	30	-	-
4	6	3	8	4	14.5	3.5	14.5	5	7.5	4	17.5	5	14
2	8	2	8	2	7	2	7	-	-	-	-	-	-

GB50156-2021 5.0.13

2.4

2.4-1

2.4-1

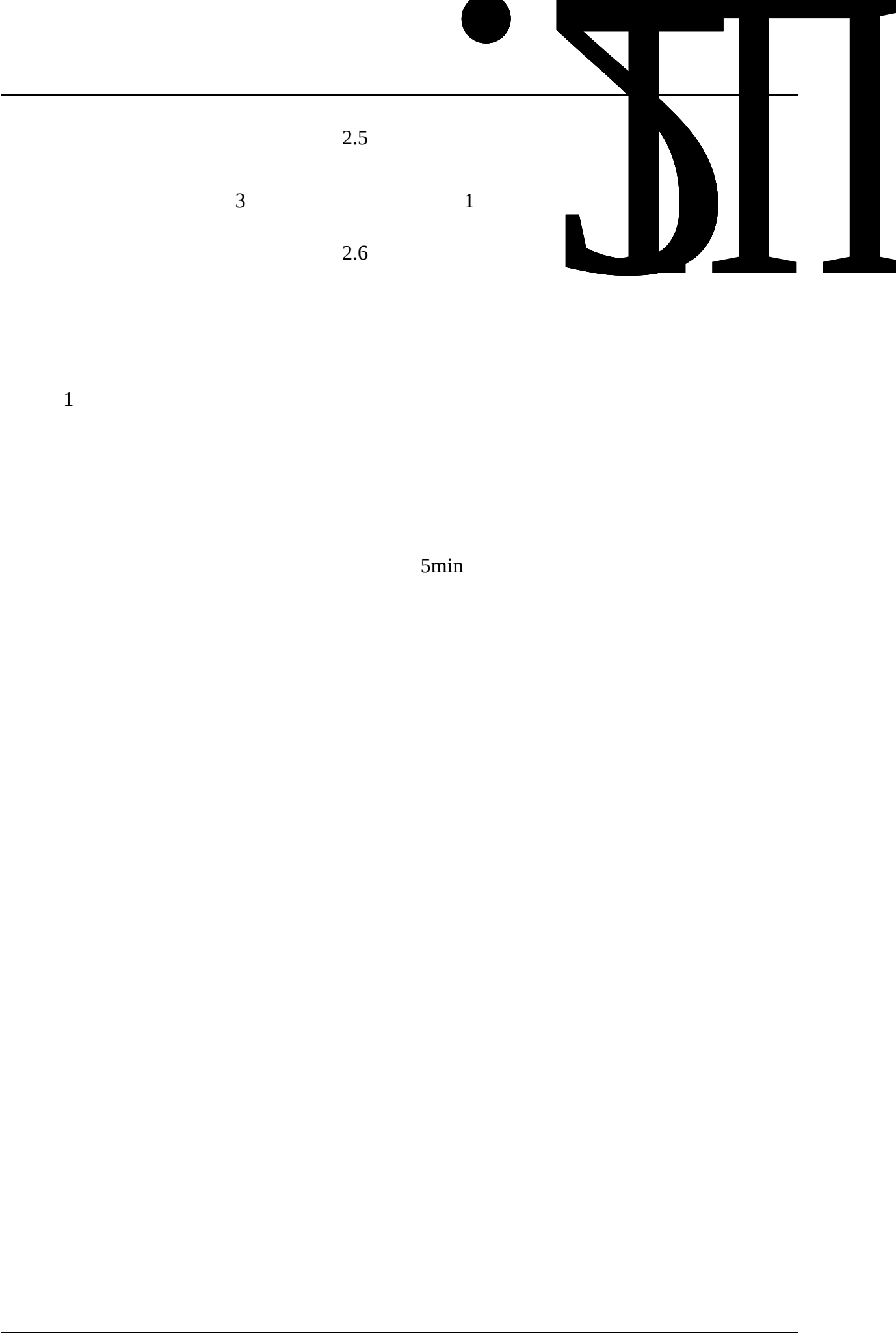
∞

1			120m ²	120m ²			-	
2			165m ²	165m ²				H=7m
3			20m ²	20m ²			-	

2.4-2

2.4-2

1.		2	30m ³	-	FF
2.		2	30m ³	-	FF
3.		2	CS30J2123G		1 1 4
4.		2	CS30J2123G		
5.		1	TLS-2		1 1
6.		1	UZK-SA-LD		
7.		11	-	-	4 6 4m 1 3m
8.		1	DWE-20C		
9.		2	-	-	1 1



2023 05 14 2026 05 13

3

LNFYJC/B/TY2025003846

2025 10 24

3

2.7.2

1

2

5

3

4

380/220V

TN-S

5

6

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

7

				11		4
6		4m	1			3m

3. ∞

3.1

3.1.1

GB18218-2018

1

2

3.1.2

1

2

$$S = q_1/Q_1 + q_2/Q_2 + \dots + q_n/Q_n \geq 1$$

S——

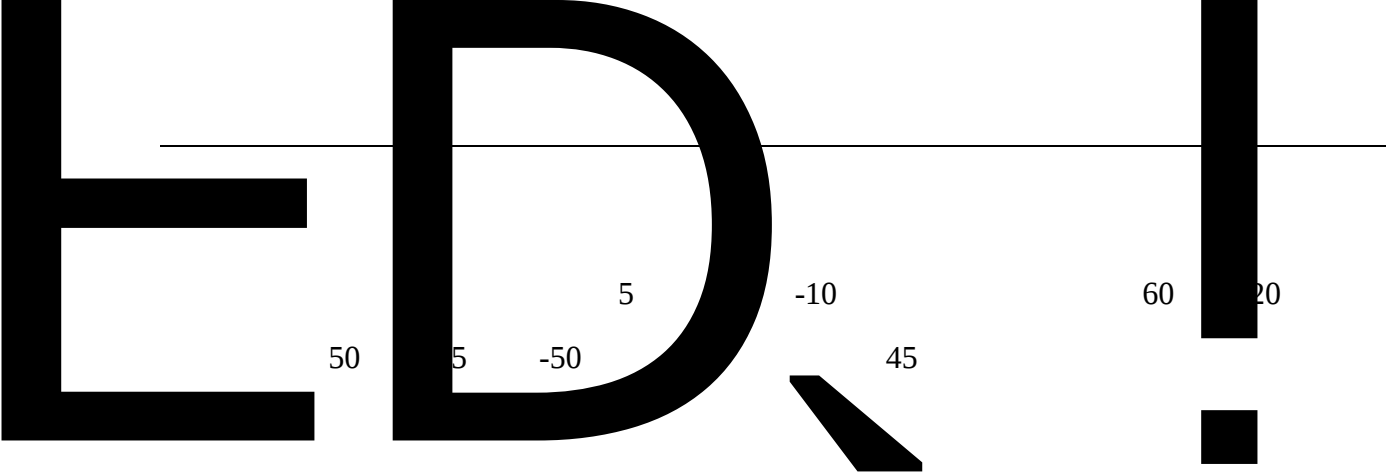
$q_1 \quad q_2 \dots q_n$ ——

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OS K



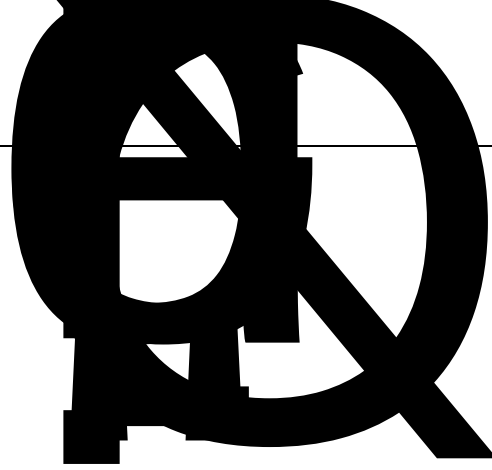
3.2.2

∞

3.3.1

∞

1



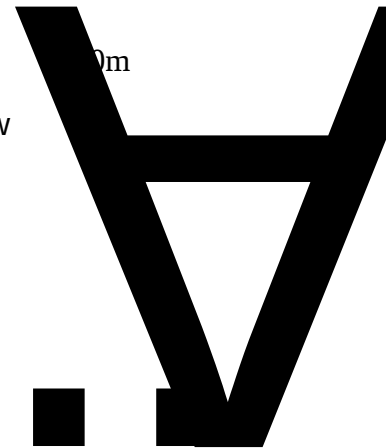
E

2

6

$\times$ L
(6.5W\$ 8.4v

0m

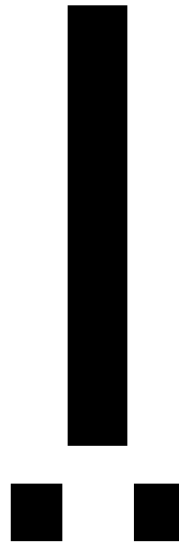




3



4



3.3.2

1

3.3.8

GB 3608-2025

3.2 2m 2m

3.3.7

1

2

5. ∞

8

5-1~9

5-1

	1		
	2		
	3		
	4		
	5		

2

9. 19.1

				3.0.4	
2					
				GB50156-2021	
	GB 50966			3.0.5	
3			GB		
50156	3.0.15			GB50156-2021	30m ³
				3.0.9	
4					
				GB50156-2021	
				3.0.25	
					11
5					
				GB50156-2021	
				3.0.27	
1					
				GB50156-2021	
				4.0.1	
2					
				GB50156-2021	
				4.0.2	
3					
	GB 50156	4.0.4			

2

6m 4m 10m
8% GB50156-2021 8%
5.0.2

3

GB50156-2021
5.0.3

4

“ ” “ ” “ ”
GB50156-2021
5.0.5

5

3m

GB50156-2021
5.0.6

1.2m³

100mm 1.2m

2'0"8

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3 -50

10

GB50156-2021

5.0.11

11

2.2m

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	GB50156-2021	
	6.1.2	
3		
	GB 50156-2021	FF
	6.1.3	
4		

		GB50156-2021 6.2.2
3		GB50156-2021 6.2.3
4		GB50156-2021 6.2.4
5	p	

GB/T8163

	6.3.12			
			GB50156-2021	
1.		2.8m/s	6.3.19	
2.				
20			GB50156-2021	
			6.3.20	
	GB/T21447			GB/T21447
21				
			GB50156-2021	FF
			6.5.1	
22				
	GB 50108			
		200mm	GB50156-2021	FF
		500mm	6.5.2	
22				

30mm

24

GB5

25

6.3

5mm

GB50

10... 0.46 \$ D¢ 10. i. \$ A... C A. 9 10.9 11.0 6

5%

26 D\$×2 ypD•

9 D3 91×00
VCB

	1	35kg
15m		5
2m ³		2

GB50156-2021

13.2.8

7 380/220V

380V

TN-S

TN-C-S

2m

2

12 3

5

GB10155-2021 1\

10.4

300cm²/m²

2

3

		14.2.3	0.6m
0.6m			
		100mm	
	0.5m		
4			
	GB		

5-9



5	5	0	0
31	31	0	0
24	21	0	3
53	41	0	12
8	8	0	0
28	26	0	2
17	12	0	5
20	10	0	10

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