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1.

1.1

1.2.1.

1							2021	9	1
2							2021	4	29
3					591		2013	12	7
645									
4					708		2019	4	1
5									13
92							2022	4	21
6								103	
							2022	11	9
7									1
2019	1	1							
8								3	2015
5	29				80		2015	7	1
9									16
2008	2	1							
10								2	2019
								9	1
11									
30	2015	5	29			80	2015	7	1

---

12 44 2015 5  
 29 80 2015 7 1  
 13 55  
 2015 3 23 79 2015 7 1  
 14  
 [2016]8 2016 2 5  
 14 , 10m\$ 2015  
 2015 5 2015 5 1  
 16 2016  
 [2015]80

---

26

[2012]144 2012 8 30

27

>

[2017]22 2017 11 28

28

341 2021

5 18

29

2017 45 2017 12 23

30

2018 21

2018 8 31

31

<

>

2017 47 2017 12 28

32

<

>

2021 12 2021 12 31

33

5' 2 ! d

101

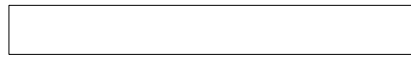
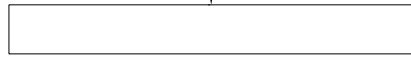
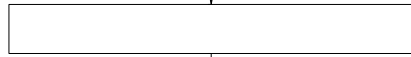
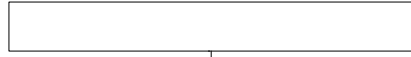
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8	GB 55037-2022)	
9		GB 50058-2014
10		AQ 3009-2007
11		GB 6441-1986
12		GB/T 13861-2022
13	GB 50016-2014	2018
14		GB 50140-2005
15		GB 50057-2010
16		GB 12158-2006
17		GB/T 50610-2010
18		AQ 3045-2013
19		GB20952-2020
20		GB 50395-2007
21		GB/T 29639-2020
22		(GB/T12801-2008)
23		(GB5083-1999)
24		AQ/T 9007-2019
25	(AQ 3010	2022)
26		AQ 3018-2008
27		GB30871-2022
28		(XF/T 3004 2020)
29	AQ 8001-2007	
30	GB/T 13869-2017	
31	-	SH/T
3178-2015		

1.2.3.

1 2005 4





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2.

3000m<sup>2</sup> SF 4 1 1  
4 1 1

4 2 20m<sup>3</sup> 2 40m<sup>3</sup>  
GB50156-2021 3.0.9  
80m<sup>3</sup>

2.1

2.2

1

7.7

38.3

-30.6

25.2

-12.7

2

69%

78%

61%

3

101.2Kpa

4

---

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5	755.4mm
	3.2m/s
	23m/s
6	28.3d
7	25.0cm
	1.40m
8	6
	0.10g

2.3

2.4

2-3

1			140.98m <sup>2</sup>			
2			422m <sup>2</sup>			H=6m
3			395.52m <sup>2</sup>			
4			5m <sup>2</sup>			-

2-4

1		2	20m <sup>3</sup>	-	SF
2		2	40m <sup>3</sup>	-	SF
3		2	52QF211K		
4		2	52QF211K		
9		1	XFY-VR-M2/8A		

2.5

3

1

2.6

---

2.7

2.7.1

---

3.

3.1

3.1.1

GB18218-2018

1

2

3.1.2

1

2

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

S

q<sub>1</sub> q<sub>2</sub>... q<sub>n</sub>

t

Q<sub>1</sub> Q<sub>2</sub>... Q<sub>n</sub>

t

3

3.1.3







---

15min

50m

300m

1674

-18

=1 0.87 0.9

282-338

0.6%~7.2%

---

5 0 -10 60 -20  
50 -35 -50 45

15min

10



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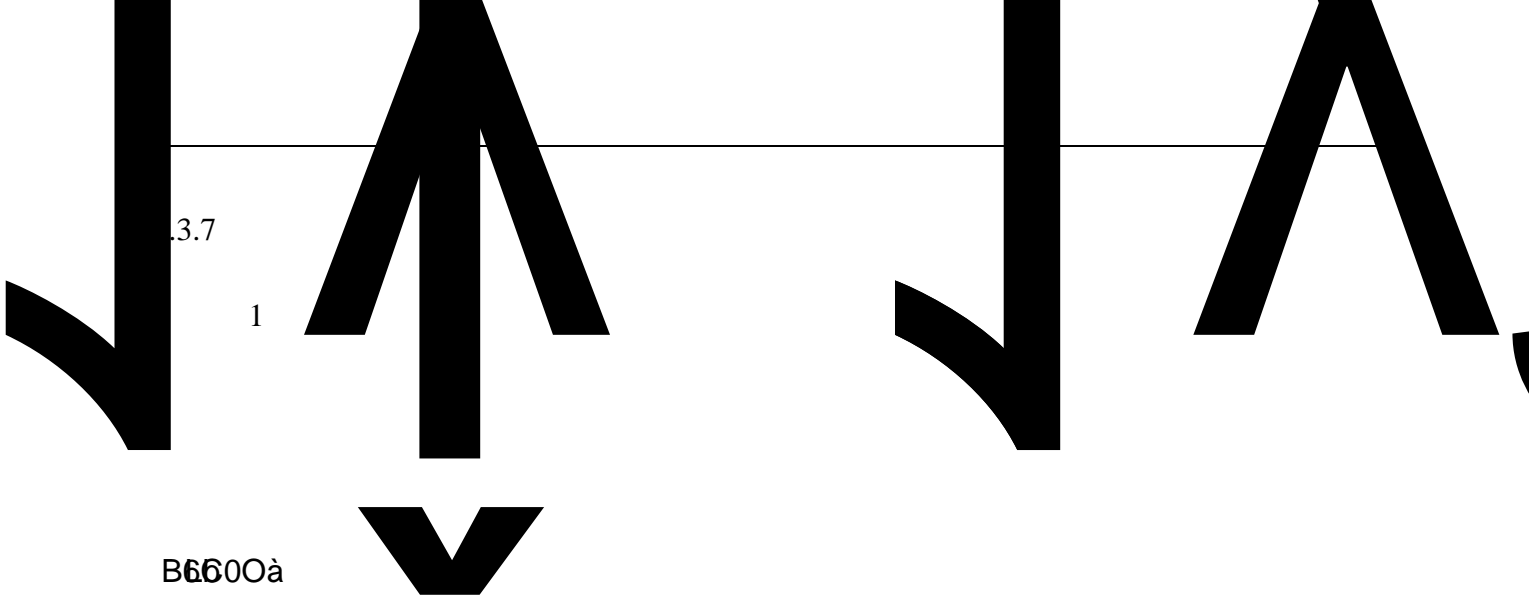
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3.3.3

3.3.4

3.3.5

3.3.6



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4.

4.1

7

1

2

3

4

5

6

7

4.2

---

5.

7

---

6.

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7.