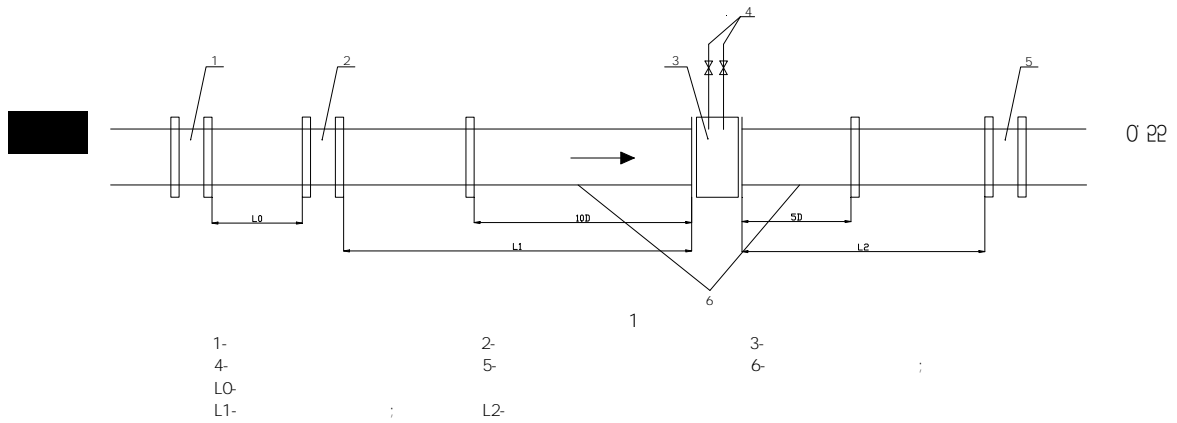




-----	1
-----	1
-----	1
-----	1
-----	2
-----	2
-----	7
-----	7
-----	7
-----	7
-----	10



M  
D P+H  
T  
X  
V  
J  
B  
G  
H  
F  
Z  
J D D/2  
T  
C           DN25~DN1400mm  
          50       DN50 2050



## 6.1

1 L<sub>0</sub> L<sub>1</sub> L<sub>2</sub>

2

N3

2

N4

90°

90°

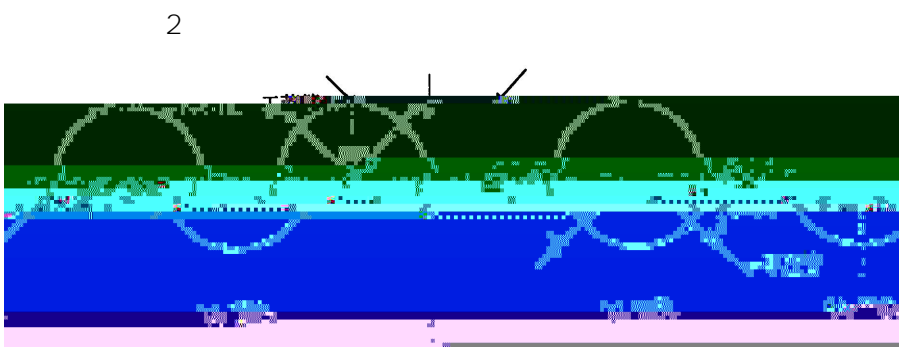
90°

1. 5D-3D  
2D  
D

1-2D  
0.5D D

1	2	3	4	5	6	7	8	9
0.2	10(6)	14(7)	34(17)	5	16(8)	18(9)	12(6)	4(2)
0.25	10(6)	14(7)	34(17)	5	16(8)	18(9)	12(6)	4(2)
0.30	10(6)	16(8)	34(17)	5	16(8)	18(9)	12(6)	5(2.5)
0.35	12(6)	16(8)	36(18)	5	16(8)	18(9)	12(6)	5(2.5)
0.40	14(7)	18(9)	36(18)	5	16(8)	20(10)	12(6)	6(3)
0.45	14(7)	18(9)	38(19)	5	17(9)	20(10)	12(6)	6(3)
0.50	14(7)	20(10)	40(20)	6(5)	18(9)	22(11)	12(6)	6(3)
0.55	16(8)	22(11)	44(22)	8(5)	20(10)	24(12)	14(7)	6(3)
0.60	18(9)	24(12)	48(24)	10(5)	22(11)	28(14)	16(8)	6(3)

2 F  
 3 " " " " " 207 ' ö  
 " " " " " 207 '  
 ö 207 '  
 4 ;2à =0.7 1/2  
 N<sub>2</sub> N<sub>2</sub>  
 5 4F  
 52F 37F  
 3 N<sub>3</sub>  
 52F 37F  
**6.2**  
 1  
 2  
 3 1D 2D  
 OD D/2 D 2D 4 4  
 D ± 0.3%  
 OD 2D 8 D  
 ± 2%  
 4 1 =d/D, d D  
**6.3**  
 1  
 2 ± 1°  
 3 : 0.015D 1/ -1  
 4  
 5 2  
**6.4**  
 1



(2)

16m

6

3

mm

3

	16000	16000-45000	45000-90000
	7 9	10	13
	13	13	13
	13	19	25
	25	25	38

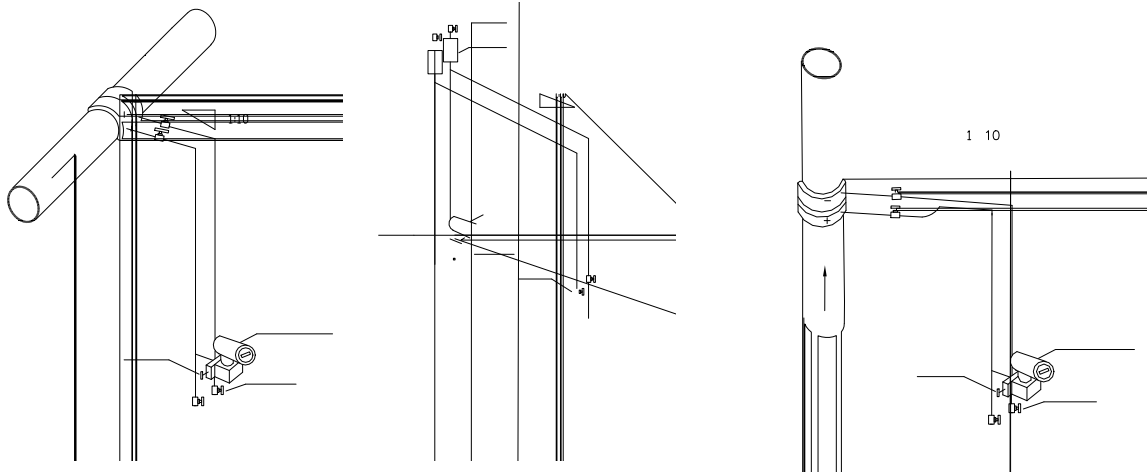
1 10

30m

( )

( )

(3)



I

4

$$Q_v = 3600\sqrt{2000} \times \varepsilon \times C \times \frac{\pi}{4} D^2 \beta^2 \times \frac{\sqrt{\Delta P}}{\sqrt{\rho} \cdot \sqrt{1 - \beta^4}} \dots\dots\dots 1$$

$$Q_m = 3600\sqrt{2000} \times \varepsilon \times C \times \frac{\pi}{4} D^2 \beta^2 \times \frac{\sqrt{\Delta P \cdot \rho}}{\sqrt{1 - \beta^4}} \dots\dots\dots 2$$

Q<sub>v</sub> —— m<sup>3</sup>/h  
Q<sub>m</sub> —— kg/h  
—— 2

$$Q_{m1} = \frac{\epsilon_1 \cdot C_1 \cdot \sqrt{\rho_1}}{\epsilon_0 \cdot C_0 \cdot \sqrt{\rho_0}} \times Q_{m0} \dots\dots\dots 4$$

$$Q_{m0} = C_0 \cdot \rho_0$$

$$Q_{m1} = C_1 \cdot \rho_1$$

$$\rho_0 = \rho_1 = 1$$

$$Q_{v1} = Q_{v0} \times \frac{\epsilon_1 \times C_1 \times \sqrt{\rho_0}}{\epsilon_0 \times C_0 \times \sqrt{\rho_1}} = Q_{v0} \times \frac{\epsilon_1 \times C_1 \times \sqrt{P_1 \times T_0 \times Z_0}}{\epsilon_0 \times C_0 \times \sqrt{P_0 \times T_1 \times Z_1}} \dots\dots\dots 5$$

$$Q_{v0} = C_0 \cdot P_0 \cdot T_0 \cdot Z_0$$

$$Q_{v1} = C_1 \cdot P_1 \cdot T_1 \cdot Z_1$$

1-2

( )

1

(

1

2

)

1Cr18Ni 9Ti ( ) 20# A3 20#

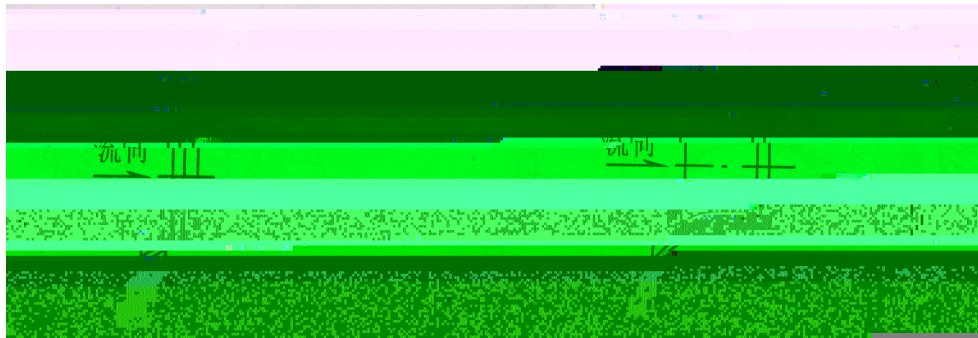
2 : 6

4

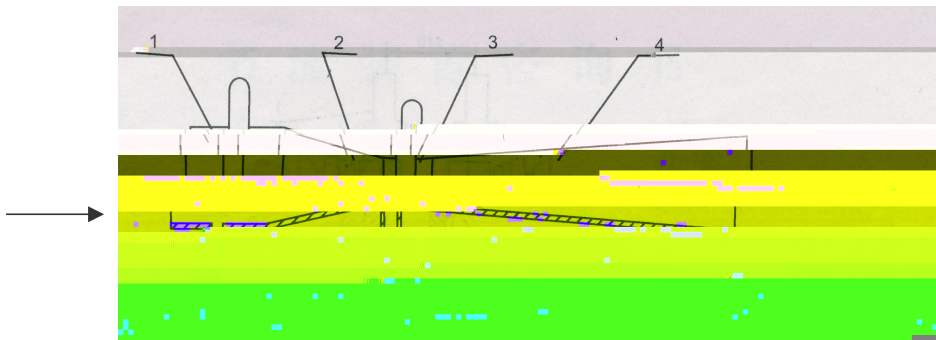
	mm	MPa	
	50-400	10	I SO5167 GB2624
	25-40	10	
YHLJ - BH	50-400	10	
	50-250	20	
YHLJ - TG	25-125	32	
	400-700	0.6	I SO5167 GB2624
YHLJ - BZ	400-600	1.6	
	800-1400	0.6	
	600-800	0.6	
YHLJ - BF	50-600	2.5	
	50-200	6.3	I SO5167 GB2624
YHLJ - BJ	50-700	6.3	
	50-400	10	
YHLJ - PH	125-300	10	
	65-250	20	
YHLJ - CJ	50-630	20	I SO5167
YHLJ - MH	50-300	10	3
YHLJ - WT	400-1200	1.6	I SO5167
YHLJ - HH	40-150	J - =L	

1.

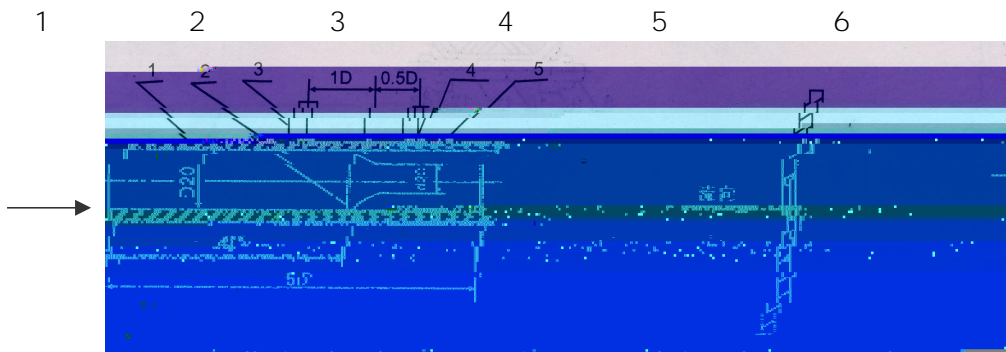
1



1 1 2

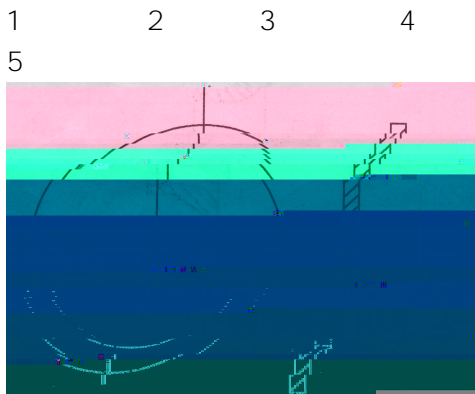


3



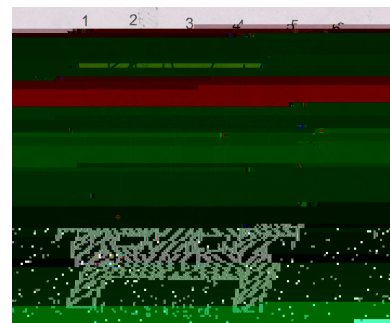
1 2 3 4 5 6

4 5 1/4



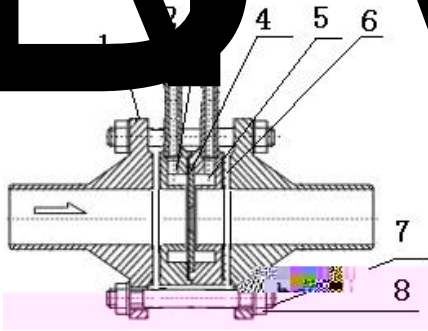
1 2 3 4 5

6



7

1 2 3  
4 5 6



8

9

12  
PN 2.5MPa

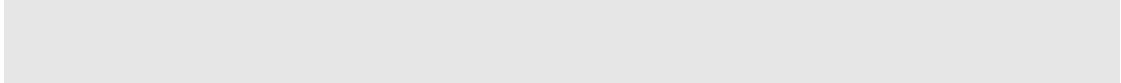
1	2	3	4
5	6	7	8

10  
PN=10 20MPa

1		2	
3	4	5	6
7	8	9	

13  
PN=10 20MPa

1	2	c	1
---	---	---	---



- 1
- 2
- 3 kpa
- 4
- 5 kg/m<sup>3</sup>
- 6 pa. s
- 7 Mpa
- 8
- 9 t/h
- 10 t/h
- 11 t/h
- 12 t/h
- 13
- 14 mm
- 15 mm
  
- 16



1		
2		
3	kpa	
4		
5	kg/m <sup>3</sup>	
6	Mpa	
7	Mpa	
8		
9	m <sup>3</sup> /h	
10	m <sup>3</sup> /h	
11	m <sup>3</sup> /h	
12	m <sup>3</sup> /h	
13		
14	mm	
15	mm	
16		
17		<p>_____</p> <p>_____</p> <p>_____</p> <p><math>L_0 = \underline{\hspace{2cm}}</math></p> <p><math>L = \underline{\hspace{2cm}}</math></p>
18		
19		
20		
21		

