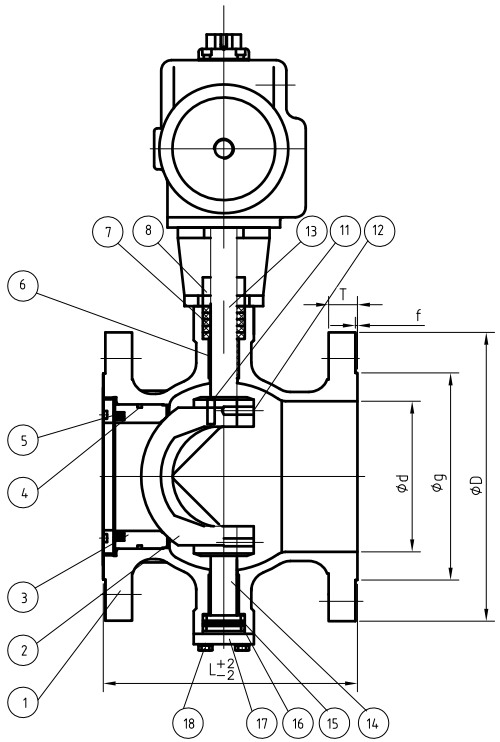
NO.	DATA	REVISIONS & DESCRIPTION	SIGNA TURE REVIEWED	SIGNA TURE CHECKED

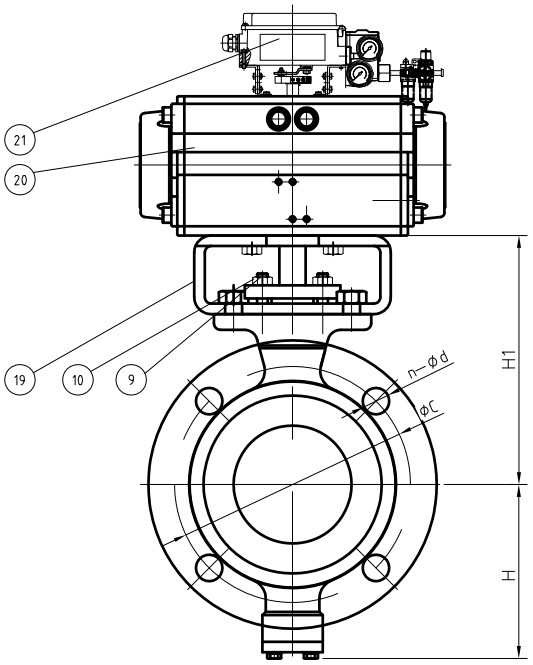
Model No. : D100SA

Pressure Rating (JIS)	Test Pressure(kg/cm2) Shell	Seat Leakage Hydro.	Seat Leakage Air	Applicable Temp. (℃)
10K	30	22	6	+120℃

DESIGN STANDARD

1. Flange standard : JISK B 2220:2004
2. Face to face dimension : Requirements
3. Wall thickness standard : ASME B16.34-2004
4. Test Standard: ASME B16.104-Class IV
5. Pressure temperature rating : ASME B16.34-2004





NO.	DESCRIPTION	MATERIAL	QUANTITY	REMARK'S
21	Positioner	-	1	
20	Actuator	MaxTork	1	Model : SR AT125
19	Yoke	Carbon Steel	1	
18	Bolt	ASTM A193 B8	1 Set	
17	Bottom Cover	SCS13	1	
16	O-RING	Viton	1	
15	Adjusting Gasket	PTFE	1	
14	Lower Stem	SUS304	1	
13	Upper Stem	SUS304	1	
12	Round Pin	SUS304	1	
11	Pin	SUS304	1	
10	Nut	ASTM A194 8	1 Set	
9	Stud Bolt	ASTM A193 B8	1 Set	
8	Packing Gland	SCS13	1	
7	Packing	PTFE	1 Set	
6	BUSH	SUS304	1	
5	Spring	SUS316	1 Set	
4	O-RING	Viton	1	
3	Seat	SUS304+STL	1 Set	
2	Ball	SCS13+HCr	1	
1	Body	SCS13	1	

NOMINAL DIAMMETER		MAIN DIMENSION									
DN	JIS	L	D	C	g	d	T	f	n-Ød	H	H1
50A	10K	124	155	120	96	62	18	2	4-ø19	93 ± 5	90 ± 5

지시용접치수

지시외일반첫수허용차

일반첫수허용차

절삭가공부분

구분	1급
1이상 8이하	±0.2
8에서 15~	
15~63~	±0.3
63~250~	±0.5
250~1000~	±0.8
1000~2000~	±1.0
3000~4000~	±1.5
4000~10000~	±2.5
10000~100000~	±3.5

용접구조물 (관급가공포함)

치수차

구분	보통급
100이하	±1.5
100에서 300이하	±2.9
300에서 1000이하	±3.5
1000~3000~	±5.0
3000~5000~	±7.2
진직도	
300이하	±1.5
300에서 1000이하	±2.3
1000~3000~	±3.5
3000~3000~	±5.0
3000~5000~	±7.2

1. 1300이상상태
2. 5000을 초과 1000 보다 -0.3로 한다

직각도	
300이하	±2.0
300~1000~	±3.0
1000~2000~	±4.0
2000~3000~	±5.0

1. 1000 이상상태
2. 3000을 모두 1000 마다에 급한다

10000이면 C 0.3 ~ 0.8
10000이면 IC -0.3~0.8

posco

TITLE										
		DRAWN	CHECKED	REVIEWED	APPROVED		DRAWN	CHECKED	REVIEWED	APPROVED
POSCO	SIGNA TURE					CONSULTANT				
	DATE									

SCALE | PRO-JECTION

REF. DWG. NO. | MANUF. NO. | STOCK. NO. | DWG. NO.

POSCO DWG. NO.