



# Pneumatically operated angle seat valve 2/2 N.C. pressure below seat

**SERIE 21IZ1**  
(BSP Threaded Connection)

## PRESENTATION:

- High flow rate due to optimized body design.
- Optimized design to reduce water hammer effects.
- Stainless steel body, corrosion resistant.
- Optical position indicator.
- Stem packing self adjusting for long life service.
- Mounting orientation freely selectable.
- The pneumatic actuator can be 360° freely rotated.

**USE:** Fluids, gases, vapours (neutral, aggressive)

**NOMINAL SIZE:** DN10-DN80

## VALVE FEATURES:

Fluid Temperature	- 10°C + 180°C
Ambient temperature	- 10°C + 80°C
Fluid viscosity	max 600 cSt
Body	AISI 316
Seating seal	PTFE
Packing	PTFE

## PILOT ACTUATOR FEATURES:

Pilot fluid	Air, inert gases
Fluid Temperature	max + 80°C
Housing	AISI 304
Piston seal	FKM
Size	Ø 40-50-63-90-125



## CE Approval

(Pressure Equipment Directive 2014/68/EU )  
for Valve 21IZ1..032 ÷ ..050..

for Valve 21IZ1..065 ÷ ..080..

Use only with gaseous fluids of Group 2  
(i.c. air) or for liquids or fluids Group 1 and 2  
(i.c. water).

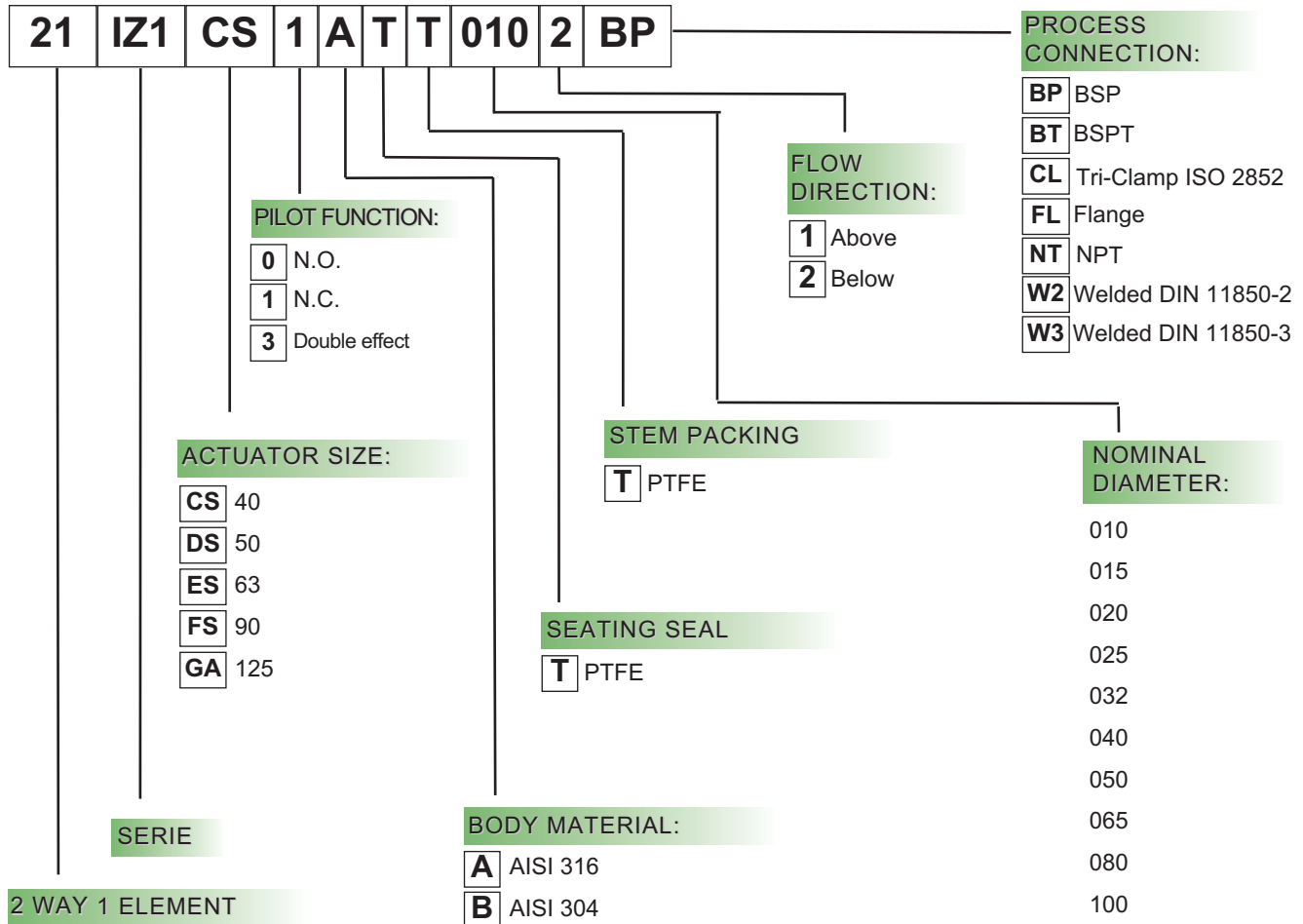
## Nota

Chemical compatibility fluids/materials, has to be verified at RFQ stage with ODE sales dept.

The "ODE " reserves the right to carry out technical and aesthetic modifications without prior notice.

Pipe ISO 228/1	Code	Ø mm	Kv l/mn	Actuator pilot pressure (bar)		Differential pressure (bar)		Max. allowable pressure PS (bar)
				min	max	min	max	
G 3/8	21IZ1CS1ATT0102BP	13	48	3	10	0	13	16
G 3/8	21IZ1DS1ATT0102BP	13	48	4,5	10	0	14	16
G 1/2	21IZ1CS1ATT0152BP	13	59	4	10	0	13	16
G 1/2	21IZ1DS1ATT0152BP	13	59	4,5	10	0	14	16
G 3/4	21IZ1DS1ATT0202BP	18	119	4,5	10	0	14	16
G 1	21IZ1DS1ATT0252BP	24	226	4,5	10	0	8	16
G 1	21IZ1ES1ATT0252BP	24	226	5	10	0	13	16
G 1	21IZ1FS1ATT0252BP	24	226	3,5	10	0	14	16
G 1 1/4	21IZ1ES1ATT0322BP	31	289	5	10	0	6	16
G 1 1/4	21IZ1FS1ATT0322BP	31	289	6	10	0	16	16
G 1 1/2	21IZ1ES1ATT0402BP	35	411	5	10	0	5	16
G 1 1/2	21IZ1FS1ATT0402BP	35	411	6	10	0	16	16
G 2	21IZ1ES1ATT0502BP	45	660	5	10	0	3	16
G 2	21IZ1FS1ATT0502BP	45	660	6	10	0	10	16
G 2	21IZ1GA1ATT0502BP	45	660	6,5	10	0	16	16
G 2 1/2	21IZ1FS1ATT0652BP	61	1033	6	10	0	6	16
G 2 1/2	21IZ1GA1ATT0652BP	61	1033	5,5	10	0	9	16
G 3	21IZ1GA1ATT0802BP	80	1588	5,5	10	0	5	16

### ORDERING CODE





Type	Pipe ISO 228/1	A mm	C mm	K mm	L mm	Q ISO 228/1	R mm	T mm	SW
21IZ1CS1ATT0102BP	G 3/8	124	50,5	112	68	G 1/8	27	12	27
21IZ1DS1ATT0102BP	G 3/8	135	60	125	68	G 1/8	33	12	27
21IZ1CS1ATT0152BP	G 1/2	124	50,5	112	68	G 1/8	27	15	27
21IZ1DS1ATT0152BP	G 1/2	135	60	125	68	G 1/8	33	15	27
21IZ1DS1ATT0202BP	G 3/4	140	60	132	75	G 1/8	33	16	32
21IZ1DS1ATT0252BP	G 1	150	60	136	90	G 1/8	33	17	40
21IZ1ES1ATT0252BP	G 1	172	75	162	90	G 1/8	41	17	40
21IZ1FS1ATT0252BP	G 1	216	106	211	90	G 1/8	55	17	40
21IZ1ES1ATT0322BP	G 1 1/4	190	75	174	116	G 1/8	41	21	50
21IZ1FS1ATT0322BP	G 1 1/4	235	106	223	116	G 1/8	55	21	50
21IZ1ES1ATT0402BP	G 1 1/2	190	75	175	116	G 1/8	41	21	56
21IZ1FS1ATT0402BP	G 1 1/2	235	106	223	116	G 1/8	55	21	56
21IZ1ES1ATT0502BP	G 2	205	75	183	138	G 1/8	41	22	69
21IZ1FS1ATT0502BP	G 2	250	106	232	138	G 1/8	55	22	69
21IZ1GA1ATT0502BP	G 2	305	170	300	138	G 1/8	85	22	69
21IZ1FS1ATT0652BP	G 2 1/2	275	106	280	178	G 1/8	55	26	85
21IZ1GA1ATT0652BP	G 2 1/2	320	170	330	178	G 1/8	85	26	85
21IZ1GA1ATT0802BP	G 3	340	170	355	210	G 1/8	85	27	100

DIMENSIONS:

