



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

**SERIE 21IZ1**  
(Flanged Connections  
ANSI 150)

### 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:** DN15-DN100

### 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 ÷ ..100..

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

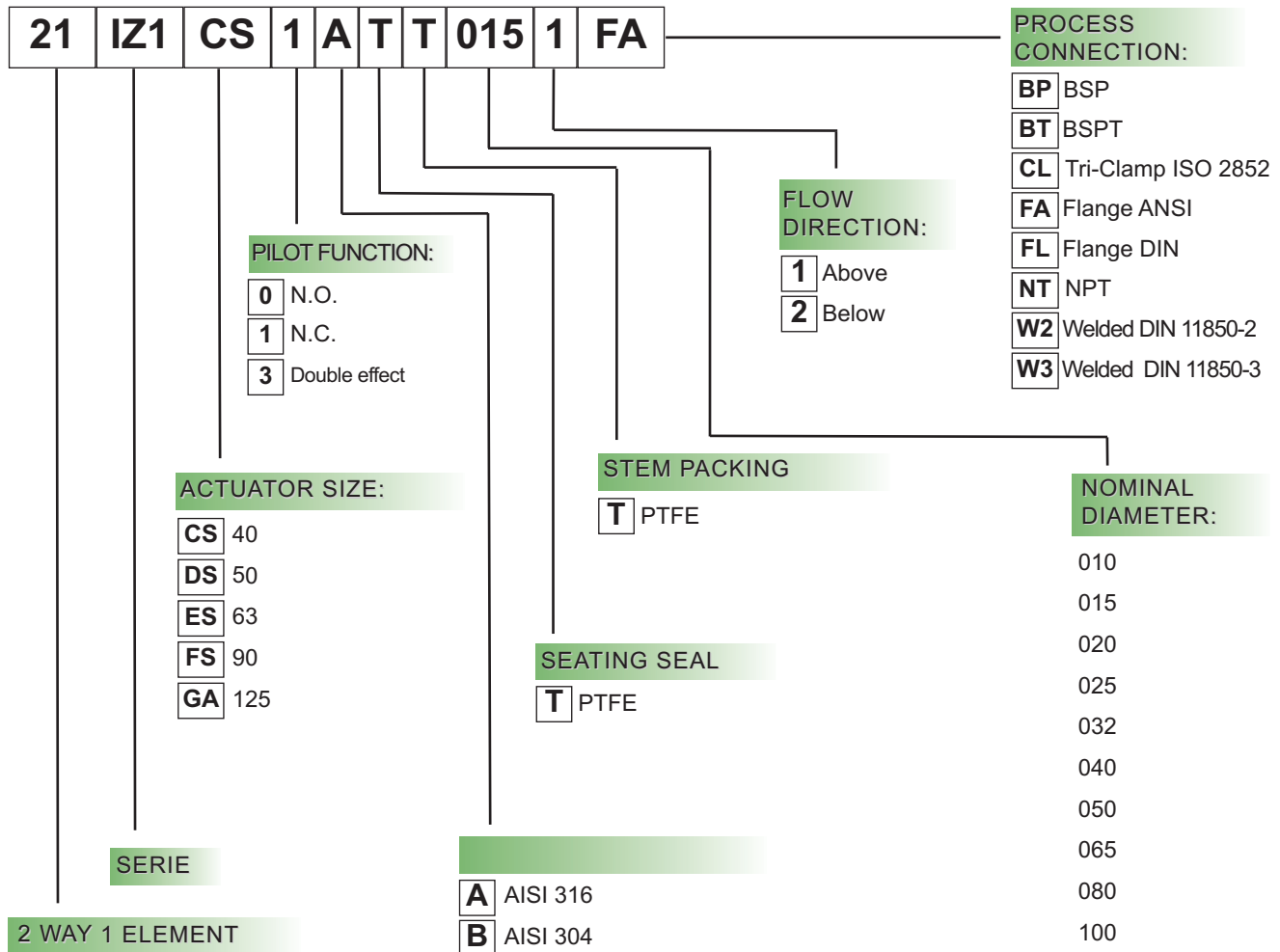
### Nota

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 ANSI	Code	Ø mm	Kv	Actuator pilot pressure (bar)		Differential pressure (bar)		Max. allowable pressure	Weight
			l/mn	min	max	min	max	PS (bar)	Kg
DN15	21IZ1CS1ATT0152FA	13	59	4	10	0	13	16	2,01
DN15	21IZ1DS1ATT0152FA	13	59	4,5	10	0	14	16	2,36
DN20	21IZ1DS1ATT0202FA	18	119	4,5	10	0	14	16	2,89
DN25	21IZ1DS1ATT0252FA	24	226	4,5	10	0	8	16	3,45
DN25	21IZ1ES1ATT0252FA	24	226	5	10	0	13	16	5,5
DN32	21IZ1ES1ATT0322FA	31	289	5	10	0	6	16	5,7
DN32	21IZ1FS1ATT0322FA	31	289	6	10	0	16	16	8,20
DN40	21IZ1ES1ATT0402FA	35	411	5	10	0	5	16	6,5
DN40	21IZ1FS1ATT0402FA	35	411	6	10	0	16	16	9
DN50	21IZ1ES1ATT0502FA	45	660	5	10	0	3	16	8
DN50	21IZ1FS1ATT0502FA	45	660	6	10	0	10	16	9,71
DN50	21IZ1GA1ATT0502FA	45	660	6,5	10	0	16	16	13
DN65 SQC	21IZ1FS1ATT0652FA	61	1033	6	10	0	6	16	13,10
DN65 SQC	21IZ1GA1ATT0652FA	61	1033	5,5	10	0	9	16	14,7
DN80 SQC	21IZ1GA1ATT0802FA	80	1588	5,5	10	0	5	16	21,59
DN100 SQC	21IZ1GA1ATT1002FA	90	1788	5,5	10	0	2	16	25

ORDERING CODE





Type	Pipe ANSI	A mm	B mm	C mm	Ø E mm	H mm	L mm	Ø M mm	Ø N mm	N ØF mm	Ø P mm	Q ISO 228/1	α
21IZ1CS1ATT0152FA	DN15	135	125	1,5	60,5	14	130	16	35	4-15,8	90	G 1/8	45°
21IZ1DS1ATT0152FA	DN15	145	140	1,5	60,5	14	130	16	35	4-15,8	90	G 1/8	45°
21IZ1DS1ATT0202FA	DN20	165	140	1,5	69,85	14,5	150	19	43	4-15,8	98,5	G 1/8	45°
21IZ1DS1ATT0252FA	DN25	170	145	1,5	79,25	16	160	26	50,8	4-15,8	110	G 1/8	45°
21IZ1ES1ATT0252FA	DN25	190	175	1,5	79,25	16	160	26	50,8	4-15,8	110	G 1/8	45°
21IZ1ES1ATT0322FA	DN32	190	188	1,5	88,9	17,5	180	31	63,5	4-15,8	117	G 1/8	45°
21IZ1FS1ATT0322FA	DN32	206	190	1,5	88,9	17,5	200	31	63,5	4-15,8	117	G 1/8	45°
21IZ1ES1ATT0402FA	DN40	244	235	1,5	98,55	19,5	200	38	73	4-15,8	127	G 1/8	45°
21IZ1FS1ATT0402FA	DN40	244	235	1,5	98,55	19,5	200	38	73	4-15,8	127	G 1/8	45°
21IZ1ES1ATT0502FA	DN50	235	195	1,5	120,65	20,5	230	49	92	4-19	150	G 1/8	45°
21IZ1FS1ATT0502FA	DN50	277	245	1,5	120,65	20,5	230	49	92	4-19	150	G 1/8	45°
21IZ1GA1ATT0502FA	DN50	330	310	1,5	120,65	20,5	230	49	92	4-19	150	G 1/4	45°
21IZ1FS1ATT0652FA	DN65 SQC	330	280	1,5	139,7	24	290	66	105	4-19	178	G 1/8	45°
21IZ1GA1ATT0652FA	DN65 SQC	375	330	1,5	139,7	24	290	66	105	4-19	178	G 1/4	45°
21IZ1GA1ATT0802FA	DN80 SQC	380	355	1,5	152,4	25,5	310	78	127	4-19	190,5	G 1/4	45°
21IZ1GA1ATT1002FA	DN100 SQC	420	395	1,5	190,5	25,5	350	96	157	8-19	229	G 1/4	22,5°

DIMENSIONS:

