



# Pneumatically operated angle seat valve 2/2 double acting pressure below seat

**SERIE 21IZ1**  
(Tri- Clamp 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:** DN15-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

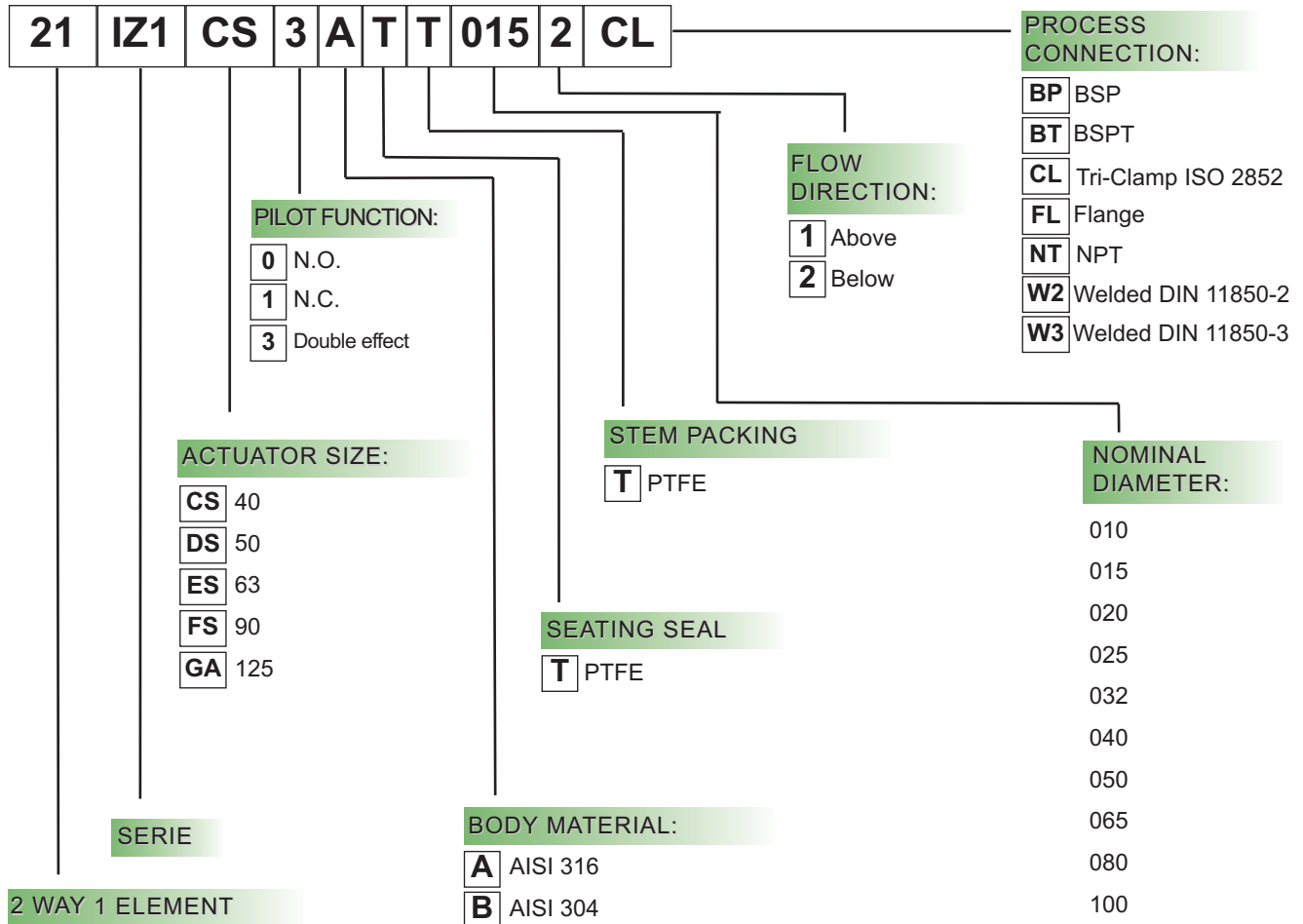
Chemical compatibility fluids/materials, has to be verified at RFQ stage with ODE sales dept.

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

Pipe ISO 2852	Code	Ø mm	Kv	Actuator pilot pressure (bar)		Differential pressure (bar)		Max. allowable pressure PS (bar)
			l/mn	min	max	min	max	
DN15	21IZ1CS3ATT0152CL	13	59	3	10	0	16	16
DN15	21IZ1DS3ATT0152CL	13	59	3	10	0	16	16
DN20	21IZ1DS3ATT0202CL	18	119	3	10	0	16	16
DN25	21IZ1DS3ATT0252CL	24	226	3	6	0	13	16
DN25	21IZ1ES3ATT0252CL	24	226	3	4	0	16	16
DN32	21IZ1ES3ATT0322CL	31	289	3	6	0	16	16
DN32	21IZ1FS3ATT0322CL	31	289	2	4	0	16	16
DN40	21IZ1ES3ATT0402CL	35	411	3	7	0	16	16
DN40	21IZ1FS3ATT0402CL	35	411	2	5	0	16	16
DN50	21IZ1ES3ATT0502CL	45	660	3	7,5	0	8	16
DN50	21IZ1FS3ATT0502CL	45	660	2	6	0	16	16
DN50	21IZ1GA3ATT0502CL	45	660	2	4	0	16	16
DN65SQC	21IZ1FS3ATT0652CL	61	1033	2	7	0	11	16
DN65SQC	21IZ1GA3ATT0652CL	61	1033	2	5,5	0	16	16
DN80SQC	21IZ1GA3ATT0802CL	80	1588	2	6,5	0	16	16

### ORDERING CODE

**21 IZ1 CS 3 A T T 015 2 CL**





Type	Pipe ISO 2852	A mm	B mm	C mm	Ø d mm	Ø D mm	K mm	L mm	Q ISO 228/1
21IZ1CS3ATT0152CL	DN15	130	27,5	19	15	34	115	80	G 1/8
21IZ1DS3ATT0152CL	DN15	140	27,5	19	15	34	126	80	G 1/8
21IZ1DS3ATT0202CL	DN20	148	43,5	25	21	50,5	126	102	G 1/8
21IZ1DS3ATT0252CL	DN25	165	43,5	32	27	50,5	140	130	G 1/8
21IZ1ES3ATT0252CL	DN25	188	43,5	32	27	50,5	166	130	G 1/8
21IZ1ES3ATT0322CL	DN32	200	43,5	37	31	50,5	174	146	G 1/8
21IZ1FS3ATT0322CL	DN32	245	43,5	37	31	50,5	223	146	G 1/8
21IZ1ES3ATT0402CL	DN40	210	56,5	40	33	64	175	160	G 1/8
21IZ1FS3ATT0402CL	DN40	254	56,5	40	33	64	222	160	G 1/8
21IZ1ES3ATT0502CL	DN50	221	56,5	53	45	64	185	175	G 1/8
21IZ1FS3ATT0502CL	DN50	265	56,5	53	45	64	235	175	G 1/8
21IZ1GA3ATT0502CL	DN50	325	56,5	53	45	64	296	175	G 1/4
21IZ1FS3ATT0652CL	DN65SQC	320	83,5	75	66	91	280	278	G 1/8
21IZ1GA3ATT0652CL	DN65SQC	360	83,5	75	66	91	330	278	G 1/4
21IZ1GA3ATT0802CL	DN80SQC	360	97	89	78	106	35	290	G 1/4

DIMENSIONS:

