



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

**SERIE 21IZ1**  
(Welding Ends DIN 11850-2)

## 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).

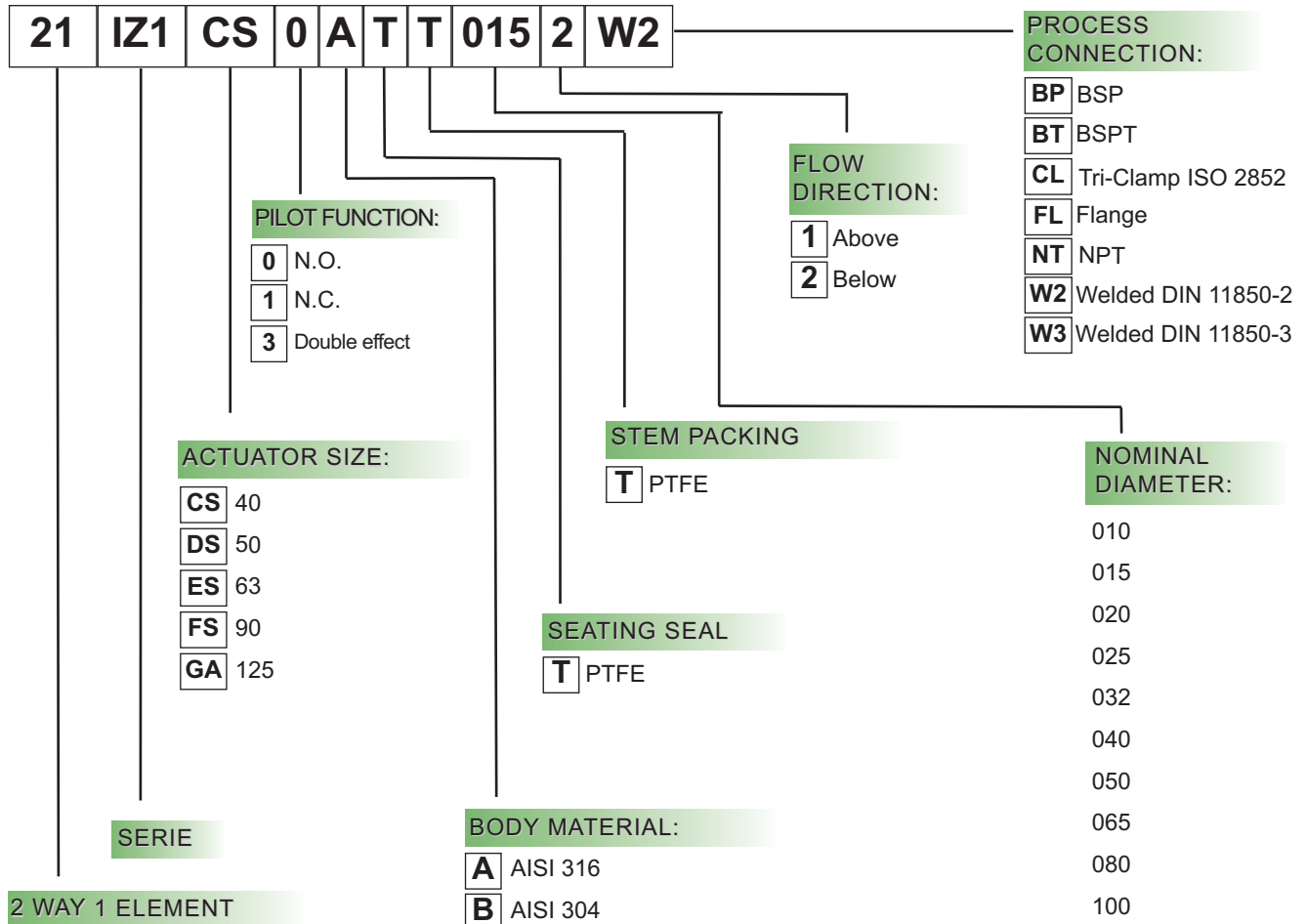
## Nota

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 DIN 11850-2	Code	Ø mm	Kv l/mn	Actuator pilot pressure (bar)		Differential pressure (bar)		Max. allowable pressure PS (bar)
				min	max	min	max	
DN15	21IZ1CS0ATT0152W2	13	59	2	5	0	16	16
DN15	21IZ1DS0ATT0152W2	13	59	2	4	0	16	16
DN20	21IZ1DS0ATT0202W2	18	119	2	6	0	16	16
DN25	21IZ1DS0ATT0252W2	24	226	2	6	0	13	16
DN25	21IZ1ES0ATT0252W2	24	226	2,5	5	0	16	16
DN32	21IZ1ES0ATT0322W2	31	289	2,5	6	0	13	16
DN40	21IZ1ES0ATT0402W2	35	411	2,5	6	0	7	16
DN40	21IZ1FS0ATT0402W2	35	411	3	3,5	0	16	16
DN50	21IZ1ES0ATT0502W2	45	660	2,5	6	0	5	16
DN50	21IZ1FS0ATT0502W2	45	660	2,5	6	0	12	16
DN65 SQC	21IZ1FS0ATT0652W2	61	1033	2,5	5	0	7	16
DN65 SQC	21IZ1GA0ATT0652W2	61	1033	2,5	7	0	14	16
DN80 SQC	21IZ1GA0ATT0802W2	80	1588	2,5	7	0	12	16

### ORDERING CODE





Type	Pipe DIN 11850-2	C mm	D mm	HA mm	HL mm	K mm	Q ISO 228/1	R mm	S mm
21IZ1CS0ATT0152W2	DN15	50,5	19	118	70	112	G 1/8	27	1,5
21IZ1DS0ATT0152W2	DN15	60	19	128	70	125	G 1/8	33	1,5
21IZ1DS0ATT0202W2	DN20	60	23	135	82	132	G 1/8	33	1,5
21IZ1DS0ATT0252W2	DN25	60	29	150	100	136	G 1/8	33	1,5
21IZ1ES0ATT0252W2	DN25	75	29	175	100	162	G 1/8	41	1,5
21IZ1ES0ATT0322W2	DN32	75	35	186	125	174	G 1/8	41	1,5
21IZ1ES0ATT0402W2	DN40	75	41	190	130	175	G 1/8	41	1,5
21IZ1FS0ATT0402W2	DN40	106	41	235	130	223	G 1/8	55	1,5
21IZ1ES0ATT0502W2	DN50	75	53	206	155	183	G 1/8	41	1,5
21IZ1FS0ATT0502W2	DN50	106	53	250	155	232	G 1/8	55	1,5
21IZ1FS0ATT0652W2	DN65 SQC	106	70	320	270	280	G 1/8	55	2
21IZ1GA0ATT0652W2	DN65 SQC	170	70	360	270	330	G 1/4	85	2
21IZ1GA0ATT0802W2	DN80 SQC	170	85	360	284	355	G 1/4	85	2

DIMENSIONS:

