



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

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

## PRESENTATION:

- High flow rate due to optimized body design.
- 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-DN50

## 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



**CE Approval**

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

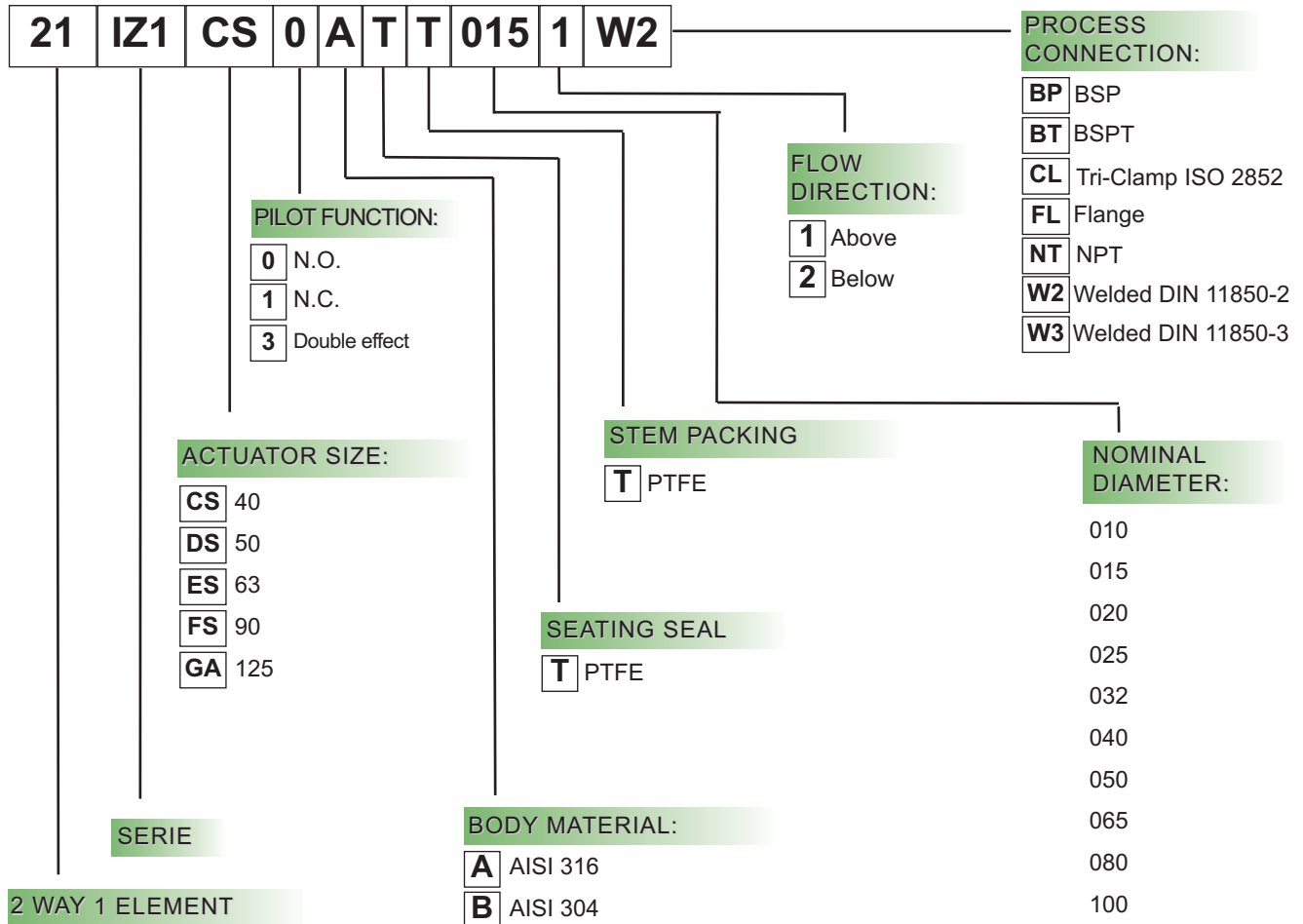
## Nota

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	21IZ1CS0ATT0151W2	13	59	3	10	0	16	16
DN15	21IZ1DS0ATT0151W2	13	59	3	10	0	16	16
DN20	21IZ1DS0ATT0201W2	18	119	3	10	0	12	16
DN25	21IZ1DS0ATT0251W2	24	226	3	10	0	3	16
DN25	21IZ1ES0ATT0251W2	24	226	4,5	10	0	16	16
DN32	21IZ1ES0ATT0321W2	31	289	4,5	10	0	14	16
DN40	21IZ1ES0ATT0401W2	35	411	4,5	10	0	14	16
DN50	21IZ1ES0ATT0501W2	45	660	4,5	10	0	6	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
21IZ1CS0ATT0151W2	DN15	50,5	19	118	70	112	G 1/8	27	1,5
21IZ1DS0ATT0151W2	DN15	60	19	128	70	125	G 1/8	33	1,5
21IZ1DS0ATT0201W2	DN20	60	23	135	82	132	G 1/8	33	1,5
21IZ1DS0ATT0251W2	DN25	60	29	150	100	136	G 1/8	33	1,5
21IZ1ES0ATT0251W2	DN25	75	29	175	100	162	G 1/8	41	1,5
21IZ1ES0ATT0321W2	DN32	75	35	186	125	174	G 1/8	41	1,5
21IZ1ES0ATT0401W2	DN40	75	41	190	130	175	G 1/8	41	1,5
21IZ1ES0ATT0501W2	DN50	75	53	206	155	183	G 1/8	41	1,5

DIMENSIONS:

