



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

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

## 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..

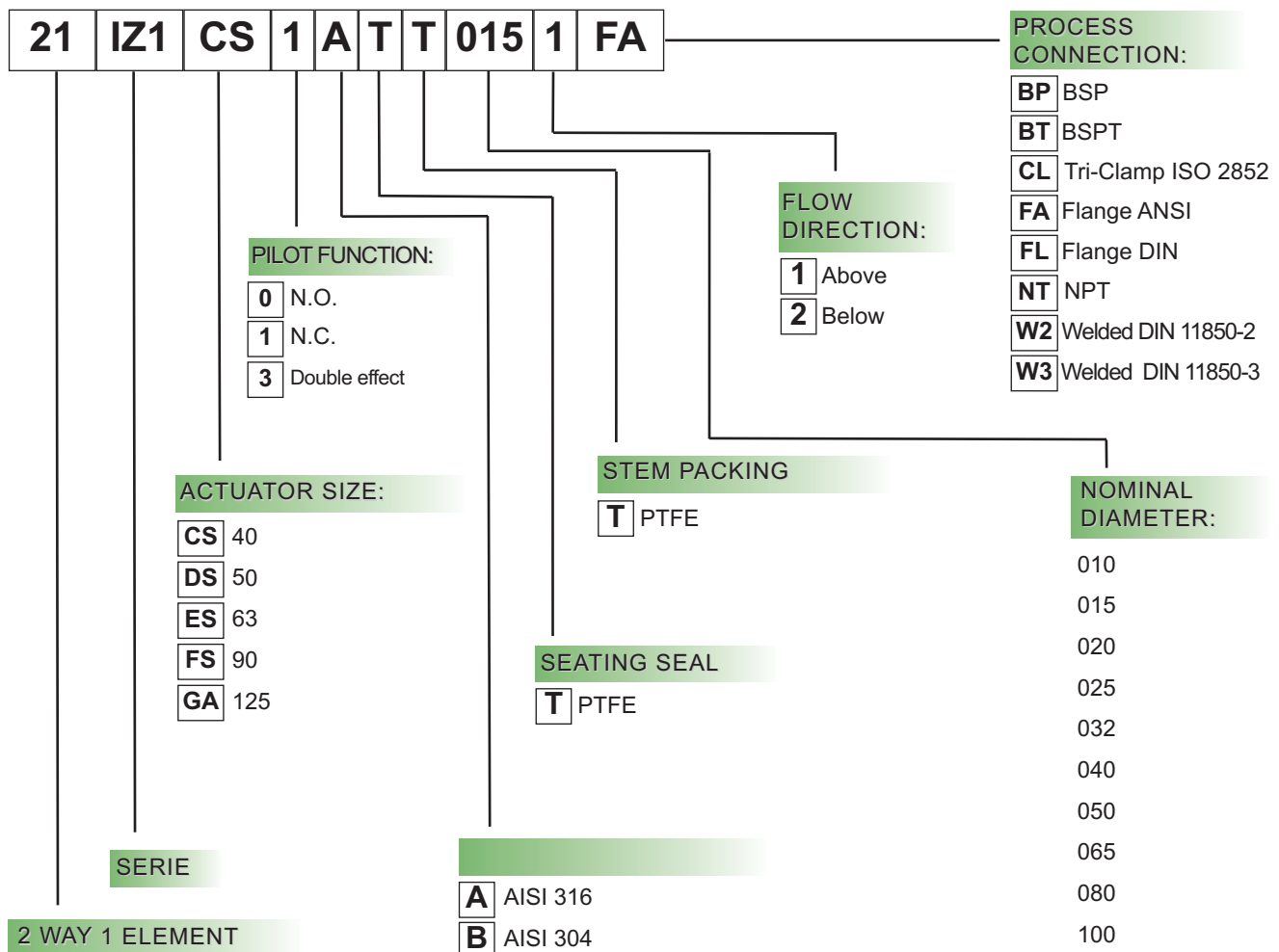
## Nota

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 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	21IZ1CS0ATT0151FA	13	59	3	10	0	16	16	2,01
DN15	21IZ1DS0ATT0151FA	13	59	3	10	0	16	16	2,36
DN20	21IZ1DS0ATT0201FA	18	119	3	10	0	12	16	2,89
DN25	21IZ1DS0ATT0251FA	24	226	3	10	0	3	16	3,45
DN25	21IZ1ES0ATT0251FA	24	226	4,5	10	0	16	16	5,5
DN32	21IZ1ES0ATT0321FA	31	289	4,5	10	0	14	16	5,7
DN40	21IZ1ES0ATT0401FA	35	411	4,5	10	0	14	16	6,5
DN50	21IZ1ES0ATT0501FL	45	660	4,5	10	0	6	16	8

### 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
21IZ1CS0ATT0151FA	DN15	135	125	1,5	60,5	14	130	16	35	4-15,8	90	G 1/8	45°
21IZ1DS0ATT0151FA	DN15	145	140	1,5	60,5	14	130	16	35	4-15,8	90	G 1/8	45°
21IZ1DS0ATT0201FA	DN20	165	140	1,5	69,85	14,5	150	19	43	4-15,8	98,5	G 1/8	45°
21IZ1DS0ATT0251FA	DN25	170	145	1,5	79,25	16	160	26	50,8	4-15,8	110	G 1/8	45°
21IZ1ES0ATT0251FA	DN25	190	175	1,5	79,25	16	160	26	50,8	4-15,8	110	G 1/8	45°
21IZ1ES0ATT0321FA	DN32	190	188	1,5	88,9	17,5	180	31	63,5	4-15,8	117	G 1/8	45°
21IZ1ES0ATT0401FA	DN40	206	190	1,5	98,55	19,5	200	38	73	4-15,8	127	G 1/8	45°
21IZ1ES0ATT0501FA	DN50	235	195	1,5	120,65	20,5	230	49	92	4-19	150	G 1/8	45°

DIMENSIONS:

