



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

**SERIE 21IZ1**  
(Flanged Connections  
DIN 2576)

## 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).

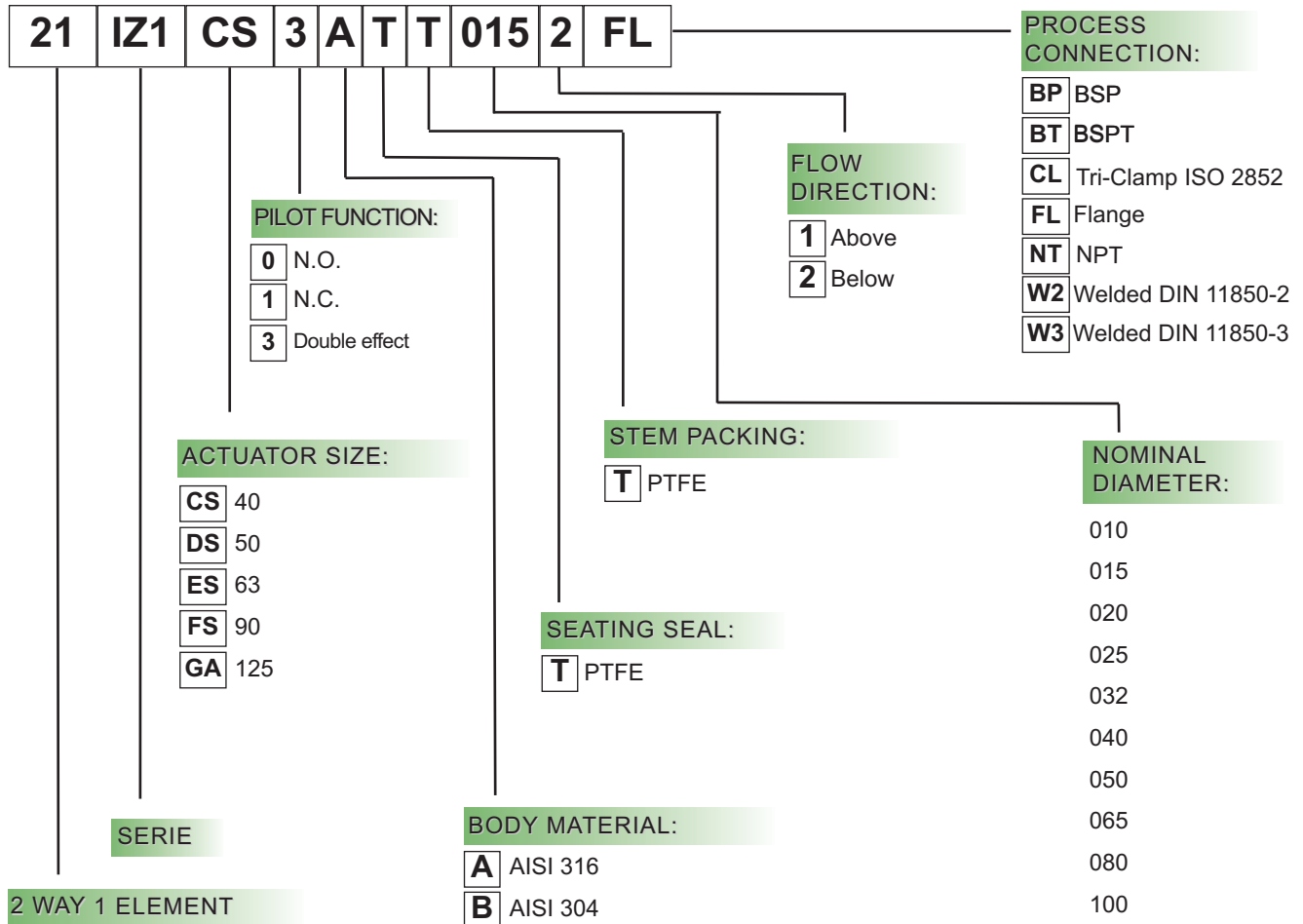
## Nota

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 DIN 2576	Code	Ø mm	Kv	Actuator pilot pressure (bar)		Differential pressure (bar)		Max. allowable pressure PS (bar)
			l/mn	min	max	min	max	
DN15	21IZ1CS3ATT0152FL	13	59	3	1	0	16	16
DN15	21IZ1DS3ATT0152FL	13	59	3	1	0	16	16
DN20	21IZ1DS3ATT0202FL	18	119	3	1	0	16	16
DN25	21IZ1DS3ATT0252FL	24	226	3	6	0	13	16
DN25	21IZ1ES3ATT0252FL	24	226	3	4	0	16	16
DN32	21IZ1ES3ATT0322FL	31	289	3	6	0	16	16
DN32	21IZ1FS3ATT0322FL	31	289	2	4	0	16	16
DN40	21IZ1ES3ATT0402FL	35	411	3	7	0	16	16
DN40	21IZ1FS3ATT0402FL	35	411	2	5	0	16	16
DN50	21IZ1ES3ATT0502FL	45	660	3	7,5	0	8	16
DN50	21IZ1FS3ATT0502FL	45	660	2	6	0	16	16
DN50	21IZ1GA3ATT0502FL	45	660	2	4	0	16	16
DN65SQC	21IZ1FS3ATT0652FL	61	1033	2	7	0	11	16
DN65SQC	21IZ1GA3ATT0652FL	61	1033	2	5,5	0	16	16
DN80SQC	21IZ1GA3ATT0802FL	10	1588	2	6,5	0	16	16
DN100SQC	21IZ1GA3BTT01002FL	90	1788	4	5	0	12	16

### ORDERING CODE





Type	Pipe DIN 2576	A mm	B mm	C mm	Ø E mm	H mm	L mm	Ø M mm	Ø N mm	N-Ø F mm	Ø P mm	Q ISO 228/1	α
21IZ1CS3ATT0152FL	DN15	135	125	2	65	14	130	16	45	4-14	95	G 1/8	45°
21IZ1DS3ATT0152FL	DN15	145	140	2	65	14	130	16	45	4-14	95	G 1/8	45°
21IZ1DS3ATT0202FL	DN20	165	140	2	75	14	150	19	56	4-14	105	G 1/8	45°
21IZ1DS3ATT0252FL	DN25	170	145	2	85	14	160	26	65	4-14	115	G 1/8	45°
21IZ1ES3ATT0252FL	DN25	190	175	2	85	14	160	26	65	4-14	115	G 1/8	45°
21IZ1ES3ATT0322FL	DN32	190	188	2	100	16	180	31	78	4-18	140	G 1/8	45°
21IZ1FS3ATT0322FL	DN32	230	235	2	100	16	180	31	78	4-18	140	G 1/8	45°
21IZ1ES3ATT0402FL	DN40	206	190	3	110	16	200	38	84	4-18	150	G 1/8	45°
21IZ1FS3ATT0402FL	DN40	244	235	3	110	16	200	38	84	4-18	150	G 1/8	45°
21IZ1ES3ATT0502FL	DN50	235	195	3	125	16	230	49	100	4-18	165	G 1/8	45°
21IZ1FS3ATT0502FL	DN50	277	245	3	125	16	230	49	100	4-18	165	G 1/8	45°
21IZ1GA3ATT0502FL	DN50	330	310	3	125	16	230	49	100	4-18	165	G 1/4	45°
21IZ1FS3ATT0652FL	DN65SQC	330	280	3	145	18	290	66	120	4-18	185	G 1/8	45°
21IZ1GA3ATT0652FL	DN65SQC	375	330	3	145	18	290	66	120	4-18	185	G 1/4	45°
21IZ1GA3ATT0802FL	DN80SQC	380	355	3	160	20	310	78	135	8-18	200	G 1/4	22,5°
21IZ1GA3BTT01002FL	DN100SQC	420	395	3	180	20	350	96	135	8-18	215	G 1/4	22,5°

DIMENSIONS:

