



Pneumatically operated angle seat valve 2/2 N.O. 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).

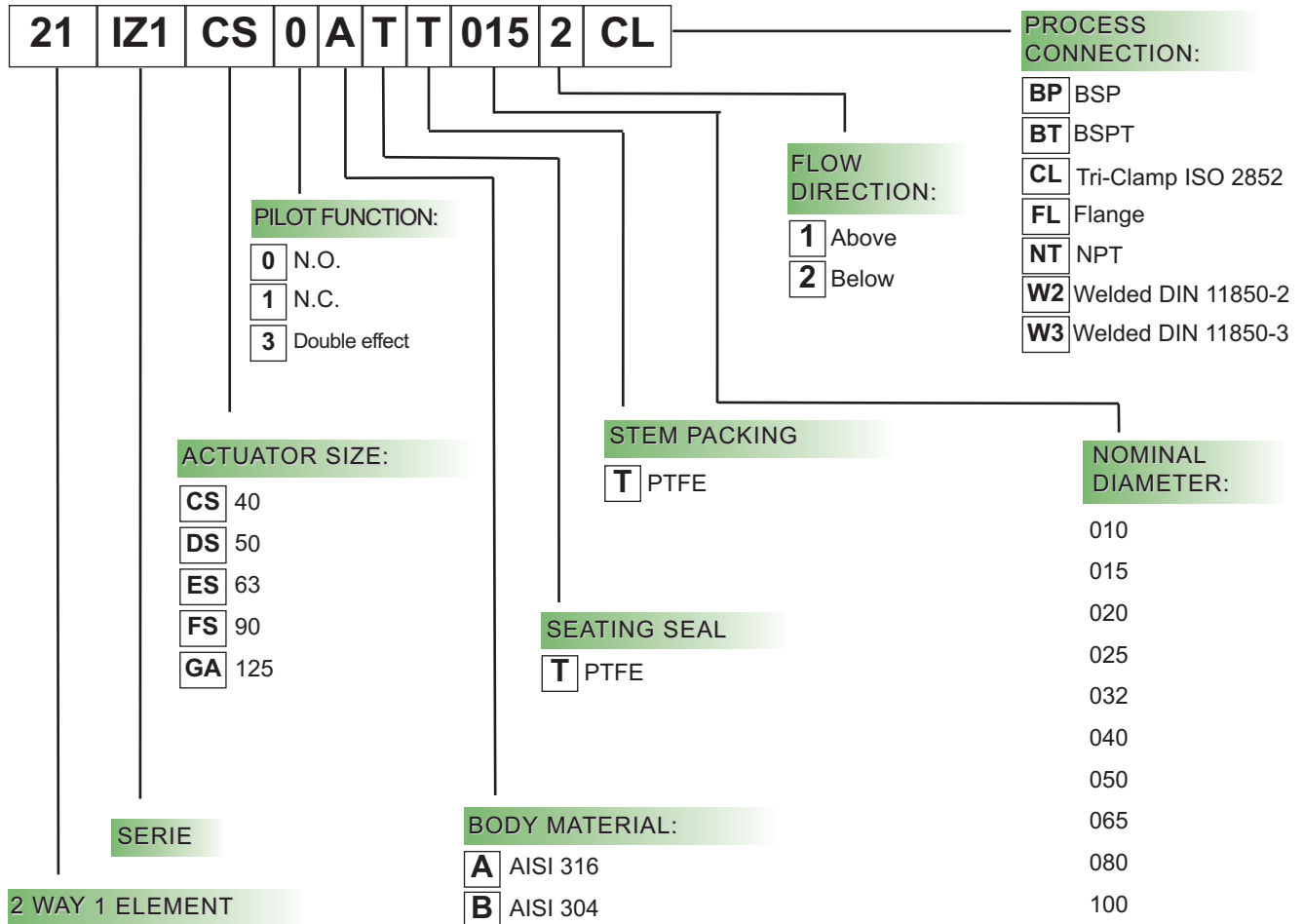
Nota

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	21IZ1CS0ATT0152CL	13	59	2	5	0	16	16
DN15	21IZ1DS0ATT0152CL	13	59	2	4	0	16	16
DN20	21IZ1DS0ATT0202CL	18	119	2	6	0	16	16
DN25	21IZ1DS0ATT0252CL	24	226	2	6	0	13	16
DN25	21IZ1ES0ATT0252CL	24	226	2,5	5	0	16	16
DN32	21IZ1ES0ATT0322CL	31	289	2,5	6	0	13	16
DN40	21IZ1ES0ATT0402CL	35	411	2,5	6	0	7	16
DN40	21IZ1FS0ATT0402CL	35	411	3	3,5	0	16	16
DN50	21IZ1ES0ATT0502CL	45	660	2,5	6	0	5	16
DN50	21IZ1FS0ATT0502CL	45	660	2,5	6	0	12	16
DN65 SQC	21IZ1FS0ATT0652CL	61	1033	2,5	5	0	7	16
DN65 SQC	21IZ1GA0ATT0652CL	61	1033	2,5	7	0	14	16
DN80 SQC	21IZ1GA0ATT0802CL	80	1588	2,5	7	0	14	16

ORDERING CODE





Type	Pipe ISO 2852	A mm	B mm	C mm	Ø d mm	Ø D mm	K mm	L mm	Q ISO 228/1
21IZ1CS0ATT0152CL	DN15	130	27,5	19	15	34	115	80	G 1/8
21IZ1DS0ATT0152CL	DN15	140	27,5	19	15	34	126	80	G 1/8
21IZ1DS0ATT0202CL	DN20	148	43,5	25	21	50,5	126	102	G 1/8
21IZ1DS0ATT0252CL	DN25	165	43,5	32	27	50,5	140	130	G 1/8
21IZ1ES0ATT0252CL	DN25	188	43,5	32	27	50,5	166	130	G 1/8
21IZ1ES0ATT0322CL	DN32	200	43,5	37	31	50,5	174	146	G 1/8
21IZ1ES0ATT0402CL	DN40	210	56,5	40	33	64	175	160	G 1/8
21IZ1FS0ATT0402CL	DN40	254	56,5	40	33	64	222	160	G 1/8
21IZ1ES0ATT0502CL	DN50	221	56,5	53	45	64	185	175	G 1/8
21IZ1FS0ATT0502CL	DN50	265	56,5	53	45	64	235	175	G 1/8
21IZ1FS0ATT0652CL	DN65 SQC	320	83,5	75	66	91	280	278	G 1/8
21IZ1GA0ATT0652CL	DN65 SQC	360	83,5	75	66	91	330	278	G 1/4
21IZ1GA0ATT0802CL	DN80 SQC	360	97	89	78	106	352	290	G 1/4

DIMENSIONS:

