



Pneumatically operated angle seat valve 2/2 double acting pressure above seat

SERIE 21IZ1
(Tri- Clamp Connection)

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-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
			l/mn	min	max	min	max	PS (bar)
DN15	21IZ1CS3ATT0151CL	13	59	3	4,5	0	16	16
DN15	21IZ1D30ATT0151CL	13	59	3	3,5	0	16	16
DN20	21IZ1DS3ATT0201CL	18	119	3	4	0	16	16
DN25	21IZ1DS3ATT0251CL	24	226	3	4,5	0	16	16
DN25	21IZ1ES3ATT0251CL	24	226	3	3,5	0	16	16
DN32	21IZ1ES3ATT0321CL	31	289	3	5,5	0	16	16
DN32	21IZ1FS3ATT0321CL	31	289	2	3,5	0	16	16
DN40	21IZ1ES3ATT0401CL	35	411	3	6,5	0	16	16
DN40	21IZ1FS3ATT0401CL	35	411	2	4	0	16	16
DN50	21IZ1ES3ATT0501CL	45	660	3	7	0	9	16
DN50	21IZ1FS3ATT0501CL	45	660	2	4,5	0	16	16
DN50	21IZ1GA3ATT0501CL	45	660	2	3	0	16	16
DN65 SQC	21IZ1FS3ATT0651CL	61	1033	2	6	0	16	16
DN65 SQC	21IZ1GA3ATT0651CL	61	1033	2	4	0	16	16
DN80 SQC	21IZ1GA3ATT0801CL	80	1588	2	7	0	16	16

ORDERING CODE

21 IZ1 CS 3 A T T 015 1 CL

PROCESS CONNECTION:

- BP** BSP
- BT** BSPT
- CL** Tri-Clamp ISO 2852
- FL** Flange
- NT** NPT
- W2** Welded DIN 11850-2
- W3** Welded DIN 11850-3

FLOW DIRECTION:

- 1** Above
- 2** Below

PILOT FUNCTION:

- 0** N.O.
- 1** N.C.
- 3** Double effect

ACTUATOR SIZE:

- CS** 40
- DS** 50
- ES** 63
- FS** 90
- GA** 125

STEM PACKING:

- T** PTFE

SEATING SEAL:

- T** PTFE

NOMINAL DIAMETER:

- 010
- 015
- 020
- 025
- 032
- 040
- 050
- 065
- 080
- 100

SERIE

2 WAY 1 ELEMENT

BODY MATERIAL:

- A** AISI 316
- B** AISI 304



SERIE 21IZ1

Type	Pipe ISO 2852	A mm	B mm	C mm	Ø d mm	Ø D mm	K mm	L mm	Q ISO 228/1
21IZ1CS3ATT0151CL	DN15	130	27,5	19	15	34	115	80	G 1/8
21IZ1D30ATT0151CL	DN15	140	27,5	19	15	34	126	80	G 1/8
21IZ1DS3ATT0201CL	DN20	148	43,5	25	21	50,5	126	102	G 1/8
21IZ1DS3ATT0251CL	DN25	165	43,5	32	27	50,5	140	130	G 1/8
21IZ1ES3ATT0251CL	DN25	188	43,5	32	27	50,5	166	130	G 1/8
21IZ1ES3ATT0321CL	DN32	200	43,5	37	31	50,5	174	146	G 1/8
21IZ1FS3ATT0321CL	DN32	245	43,5	37	31	50,5	223	146	G 1/8
21IZ1ES3ATT0401CL	DN40	210	56,5	40	33	64	175	160	G 1/8
21IZ1FS3ATT0401CL	DN40	254	56,5	40	33	64	222	160	G 1/8
21IZ1ES3ATT0501CL	DN50	221	56,5	53	45	64	185	175	G 1/8
21IZ1FS3ATT0501CL	DN50	265	56,5	53	45	64	235	175	G 1/8
21IZ1GA3ATT0501CL	DN50	325	56,5	53	45	64	296	175	G 1/4
21IZ1FS3ATT0651CL	DN65 SQC	320	83,5	75	66	91	280	278	G 1/8
21IZ1GA3ATT0651CL	DN65 SQC	360	83,5	75	66	91	330	278	G 1/4
21IZ1GA3ATT0801CL	DN80 SQC	360	97	89	78	106	352	290	G 1/4

DIMENSIONS:

