



Pneumatically operated angle seat valve 2/2 N.C. pressure above seat

SERIE 21IZ1
(BSP Threaded 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: DN10-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

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.e. air) or for liquids or fluids Group 1 and 2
(i.e. 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 228/1	Code	Ø mm	Kv	Actuator pilot pressure (bar)		Differential pressure (bar)		Max. allowable pressure
			l/mn	min	max	min	max	PS (bar)
G 3/8	21IZ1CS1ATT0101BP	13	48	3	4,5	0	16	16
G 3/8	21IZ1DS1ATT0101BP	13	48	3	3,5	0	16	16
G 1/2	21IZ1CS1ATT0151BP	13	59	3	4,5	0	16	16
G 1/2	21IZ1DS1ATT0151BP	13	59	3	3,5	0	16	16
G 3/4	21IZ1DS1ATT0201BP	18	119	3	4	0	16	16
G 1	21IZ1DS1ATT0251BP	24	226	3	4,5	0	16	16
G 1	21IZ1ES1ATT0251BP	24	226	3	3,5	0	16	16
G 1	21IZ1FS1ATT0251BP	24	226	2	2,5	0	16	16
G 1 1/4	21IZ1ES1ATT0321BP	31	289	3	5,5	0	16	16
G 1 1/4	21IZ1FS1ATT0401BP	31	289	2	3,5	0	16	16
G 1 1/2	21IZ1ES1ATT0401BP	35	411	3	6,5	0	16	16
G 1 1/2	21IZ1FS1ATT0401BP	35	411	2	4	0	16	16
G 2	21IZ1ES1ATT0501BP	45	660	3	7	0	9	16
G 2	21IZ1FS1ATT0501BP	45	660	2	4,5	0	16	16
G 2	21IZ1GA1ATT0501BP	45	660	2	3	0	16	16
G 2 1/2	21IZ1FS1ATT0651BP	61	1033	2	6	0	10	16
G 2 1/2	21IZ1GA1ATT0651BP	61	1033	2	4	0	16	16
G 3	21IZ1GA1ATT0801BP	80	1588	2	7	0	12	16

ORDERING CODE

21 IZ1 CS 1 A T T 010 1 BP

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 228/1	A mm	C mm	K mm	L mm	Q ISO 228/1	R mm	T mm	SW
21IZ1CS1ATT0101BP	G 3/8	124	50,5	112	68	G 1/8	27	12	27
21IZ1DS1ATT0101BP	G 3/8	135	60	125	68	G 1/8	33	12	27
21IZ1CS1ATT0151BP	G 1/2	124	50,5	112	68	G 1/8	27	15	27
21IZ1DS1ATT0151BP	G 1/2	135	60	125	68	G 1/8	33	15	27
21IZ1DS1ATT0201BP	G 3/4	140	60	132	75	G 1/8	33	16	32
21IZ1DS1ATT0251BP	G 1	150	60	136	90	G 1/8	33	17	40
21IZ1ES1ATT0251BP	G 1	172	75	162	90	G 1/8	41	17	40
21IZ1FS1ATT0251BP	G 1	216	106	211	90	G 1/8	55	17	40
21IZ1ES1ATT0321BP	G 1 1/4	190	75	174	116	G 1/8	41	21	50
21IZ1FS1ATT0401BP	G 1 1/4	235	106	223	116	G 1/8	55	21	50
21IZ1ES1ATT0401BP	G 1 1/2	190	75	175	116	G 1/8	41	21	56
21IZ1FS1ATT0401BP	G 1 1/2	235	106	223	116	G 1/8	55	21	56
21IZ1ES1ATT0501BP	G 2	205	75	183	138	G 1/8	41	22	69
21IZ1FS1ATT0501BP	G 2	250	106	232	138	G 1/8	55	22	69
21IZ1GA1ATT0501BP	G 2	305	170	300	138	G 1/4	85	22	69
21IZ1FS1ATT0651BP	G 2 1/2	275	106	280	178	G 1/8	55	26	85
21IZ1GA1ATT0651BP	G 2 1/2	320	170	330	178	G 1/4	85	26	85
21IZ1GA1ATT0801BP	G 3	340	170	355	210	G 1/4	85	27	100

DIMENSIONS:

