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

CE Approval

(Pressure Equipment Directive 2014/68/EU)

for Valve 21IZ1..032 ÷ ..050..

for Valve 21IZ1..065 ÷ ..100..

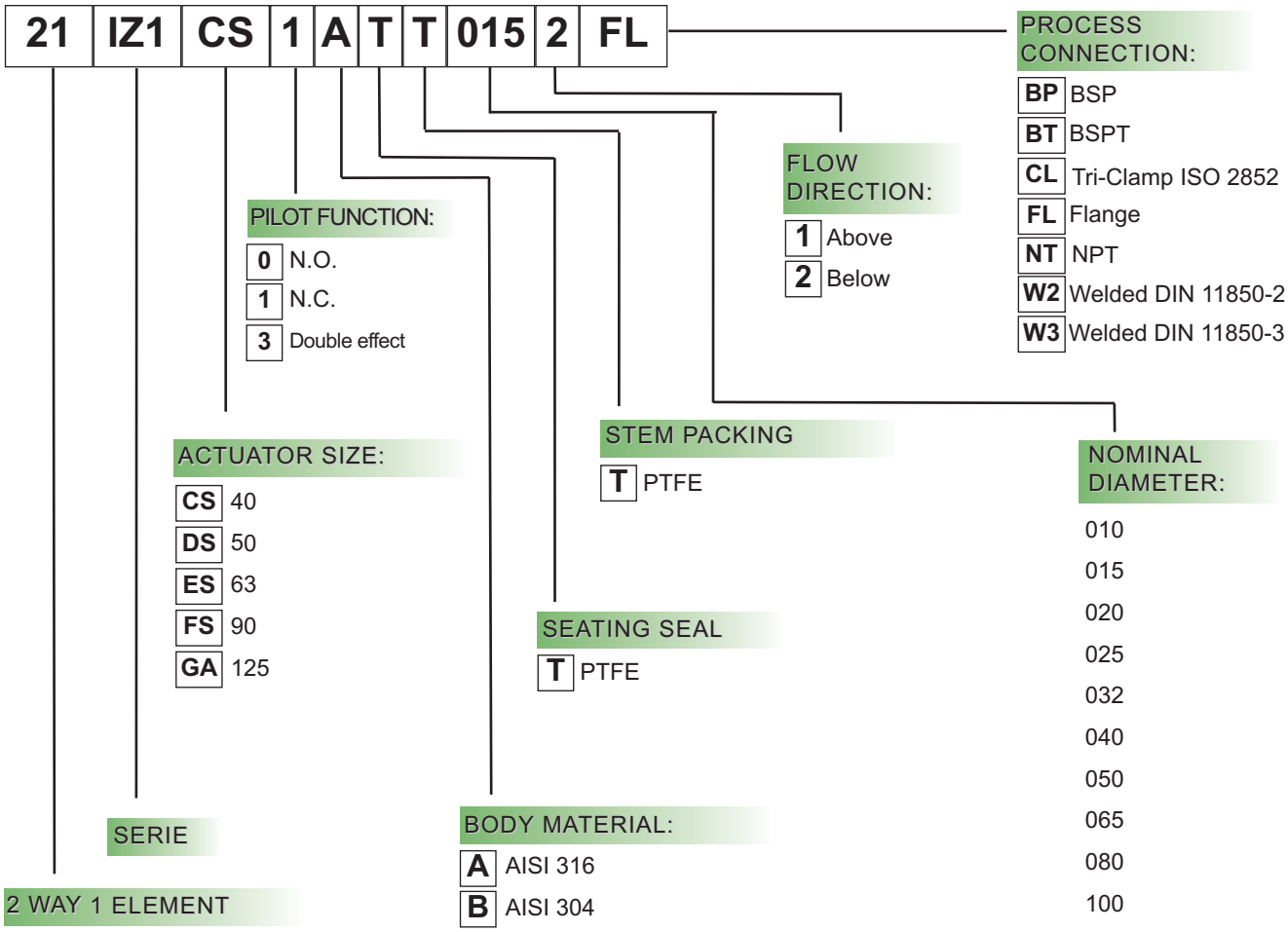
Use only with gaseous fluids of Group 2 (i.c. air) or for liquids or fluids Group 1 and 2 (i.c. water).

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
			l/mn	min	max	min	max	PS (bar)
DN15	21IZ1CS1ATT0152FL	13	59	4	10	0	13	16
DN15	21IZ1DS1ATT0152FL	13	59	4,5	10	0	14	16
DN20	21IZ1DS1ATT0202FL	18	119	4,5	10	0	14	16
DN25	21IZ1DS1ATT0252FL	24	226	4,5	10	0	8	16
DN25	21IZ1ES1ATT0252FL	24	226	5	10	0	13	16
DN32	21IZ1ES1ATT0322FL	31	289	5	10	0	6	16
DN32	21IZ1FS1ATT0322FL	31	289	6	10	0	16	16
DN40	21IZ1ES1ATT0402FL	35	411	5	10	0	5	16
DN40	21IZ1FS1ATT0402FL	35	411	6	10	0	16	16
DN50	21IZ1ES1ATT0502FL	45	660	5	10	0	3	16
DN50	21IZ1FS1ATT0502FL	45	660	6	10	0	10	16
DN50	21IZ1GA1ATT0502FL	45	660	6,5	10	0	16	16
DN65 SQC	21IZ1FS1ATT0652FL	61	1033	6	10	0	6	16
DN65 SQC	21IZ1GA1ATT0652FL	61	1033	5,5	10	0	9	16
DN80 SQC	21IZ1GA1ATT0802FL	80	1588	5,5	10	0	5	16
DN100 SQC	21IZ1GA1ATT1002FL	90	1788	5,5	10	0	2	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 ØF mm	Ø P mm	Q ISO 228/1	α
21IZ1CS1ATT0152FL	DN15	135	125	2	65	14	130	16	45	4-14	95	G 1/8	45°
21IZ1DS1ATT0152FL	DN15	145	140	2	65	14	130	16	45	4-14	95	G 1/8	45°
21IZ1DS1ATT0202FL	DN20	165	140	2	75	14	150	19	45	4-14	105	G 1/8	45°
21IZ1DS1ATT0252FL	DN25	170	145	2	85	14	160	26	56	4-14	115	G 1/8	45°
21IZ1ES1ATT0252FL	DN25	190	175	2	85	14	160	26	65	4-14	115	G 1/8	45°
21IZ1ES1ATT0322FL	DN32	190	188	2	100	16	180	31	65	4-18	140	G 1/8	45°
21IZ1FS1ATT0322FL	DN32	206	190	2	110	16	200	38	78	4-18	140	G 1/8	45°
21IZ1ES1ATT0402FL	DN40	244	235	3	110	16	200	38	84	4-18	150	G 1/8	45°
21IZ1FS1ATT0402FL	DN40	244	235	3	110	16	200	38	84	4-18	150	G 1/8	45°
21IZ1ES1ATT0502FL	DN50	235	195	3	125	16	230	49	100	4-18	165	G 1/8	45°
21IZ1FS1ATT0502FL	DN50	277	245	3	125	16	230	49	100	4-18	165	G 1/8	45°
21IZ1GA1ATT0502FL	DN50	330	310	3	125	16	230	49	100	4-18	165	G 1/4	45°
21IZ1FS1ATT0652FL	DN65 SQC	330	280	3	145	18	290	66	120	4-18	185	G 1/8	45°
21IZ1GA1ATT0652FL	DN65 SQC	375	330	3	145	18	290	66	120	4-18	185	G 1/4	45°
21IZ1GA1ATT0802FL	DN80 SQC	380	355	3	160	20	310	78	135	8-18	200	G 1/4	22,5°
21IZ1GA1ATT1002FL	DN100 SQC	420	395	3	180	20	350	96	135	8-18	215	G 1/4	22,5°

DIMENSIONS:

