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

SERIE 21IZ1
(Welding Ends DIN 11850-3)



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-DN50

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)

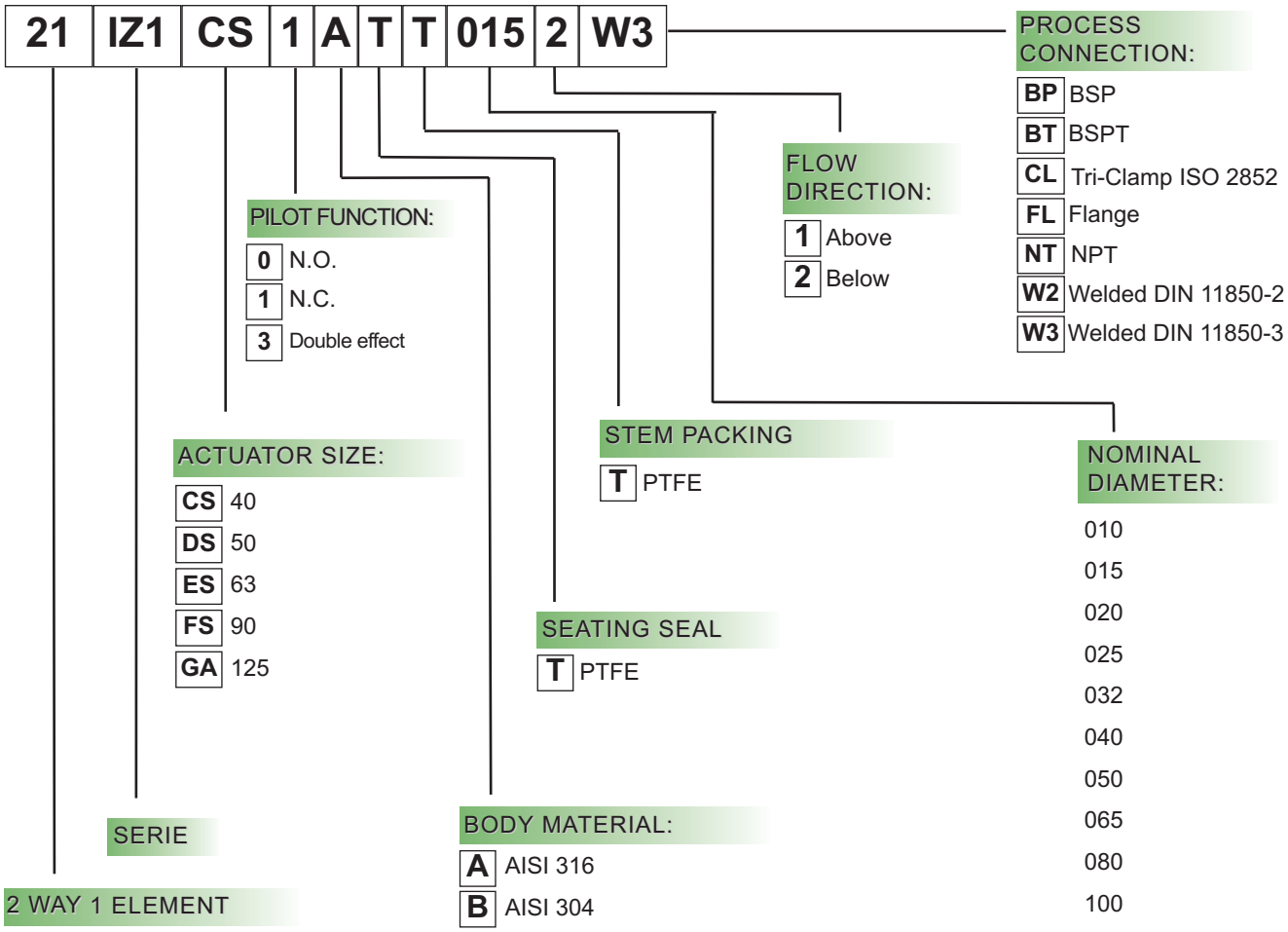
for Valve 21IZ1..032 ÷ ..050..

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 11850-3	Code	Ø mm	Kv	Actuator pilot pressure (bar)		Differential pressure (bar)		Max. allowable pressure
			l/mn	min	max	min	max	PS (bar)
DN15	21IZ1CS1ATT0152W3	13	59	4	10	0	13	16
DN15	21IZ1DS1ATT0152W3	13	59	4,5	10	0	14	16
DN20	21IZ1DS1ATT0202W3	18	119	4,5	10	0	14	16
DN25	21IZ1DS1ATT0252W3	24	226	4,5	10	0	8	16
DN25	21IZ1ES1ATT0252W3	24	226	5	10	0	13	16
DN25	21IZ1FS1ATT0252W3	24	226	3,5	10	0	14	16
DN32	21IZ1ES1ATT0322W3	31	289	5	10	0	6	16
DN32	21IZ1FS1ATT0322W3	31	289	6	10	0	16	16
DN40	21IZ1ES1ATT0402W3	35	411	5	10	0	5	16
DN40	21IZ1FS1ATT0402W3	35	411	6	10	0	16	16
DN50	21IZ1ES1ATT0502W3	45	660	5	10	0	3	16
DN50	21IZ1FS1ATT0502W3	45	660	6	10	0	10	16
DN50	21IZ1GA1ATT0502W3	45	660	6,5	10	0	16	16

ORDERING CODE



Type	Pipe DIN 11850-3	C mm	D mm	HA mm	HL mm	K mm	Q ISO 228/1	R mm	S mm
21IZ1CS1ATT0152W3	DN15	50,5	20	118	70	112	G 1/8	27	2
21IZ1DS1ATT0152W3	DN15	60	20	128	70	125	G 1/8	33	2
21IZ1DS1ATT0202W3	DN20	60	24	135	82	132	G 1/8	33	2
21IZ1DS1ATT0252W3	DN25	60	30	150	100	136	G 1/8	33	2
21IZ1ES1ATT0252W3	DN25	75	30	175	100	162	G 1/8	41	2
21IZ1FS1ATT0252W3	DN25	106	30	218	100	211	G 1/8	55	2
21IZ1ES1ATT0322W3	DN32	75	36	186	125	174	G 1/8	41	2
21IZ1FS1ATT0322W3	DN32	106	36	232	125	223	G 1/8	55	2
21IZ1ES1ATT0402W3	DN40	75	42	190	130	175	G 1/8	41	2
21IZ1FS1ATT0402W3	DN40	106	42	235	130	223	G 1/8	55	2
21IZ1ES1ATT0502W3	DN50	75	54	206	155	183	G 1/8	41	2
21IZ1FS1ATT0502W3	DN50	106	54	250	155	232	G 1/8	55	2
21IZ1GA1ATT0502W3	DN50	170	54	307	155	300	G 1/4	85	2

DIMENSIONS:

