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

CE

CE Approval

(Pressure Equipment Directive 2014/68/EU)

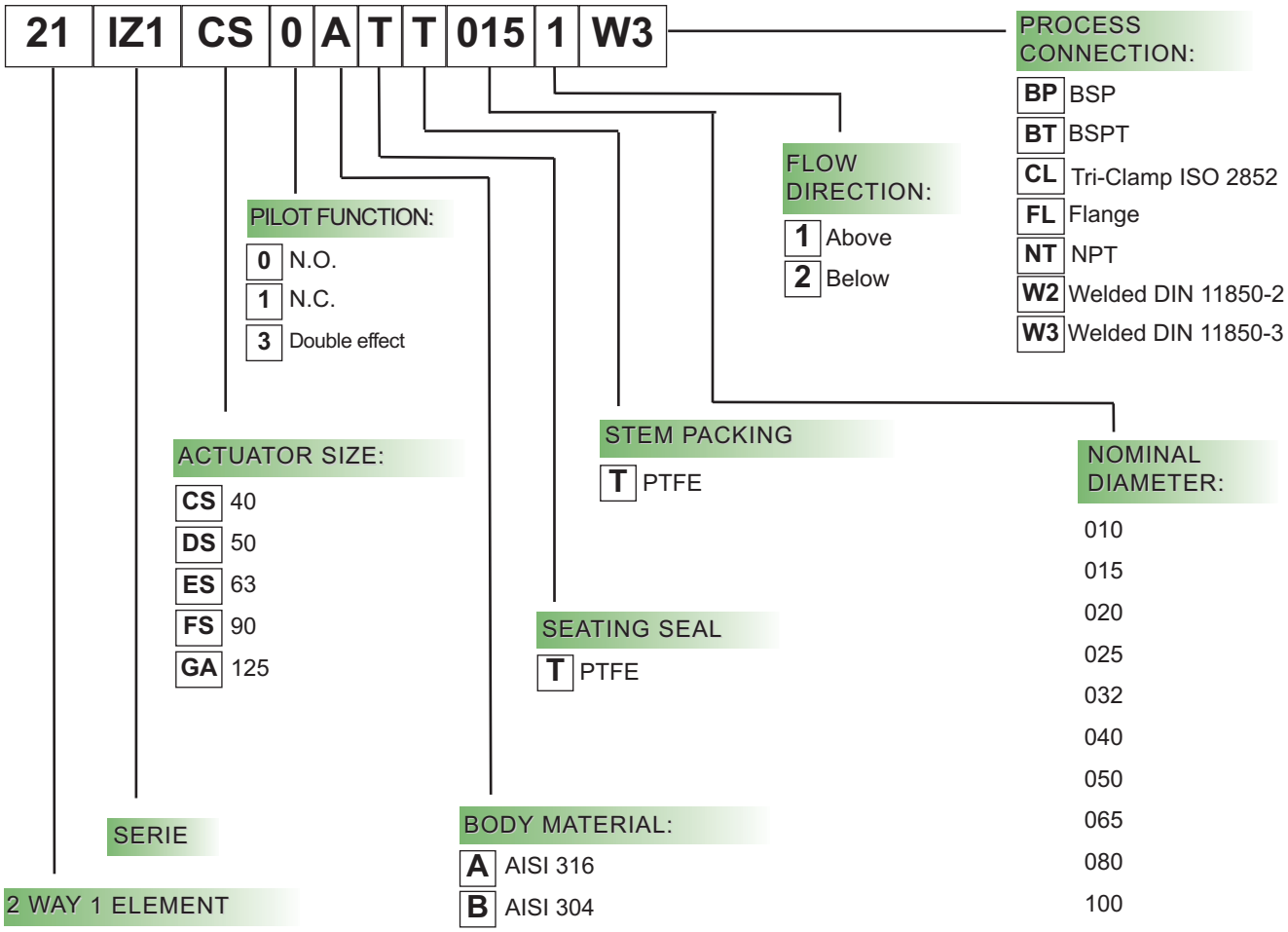
for Valve 21IZ1..032 ÷ ..050..

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	21IZ1CS0ATT0152W3	13	59	2	5	0	16	16
DN15	21IZ1DS0ATT0152W3	13	59	2	4	0	16	16
DN20	21IZ1DS0ATT0202W3	18	119	2	6	0	16	16
DN25	21IZ1DS0ATT0252W3	24	226	2	6	0	13	16
DN25	21IZ1ES0ATT0252W3	24	226	2,5	5	0	16	16
DN32	21IZ1ES0ATT0322W3	31	289	2,5	6	0	13	16
DN40	21IZ1ES0ATT0402W3	35	411	2,5	6	0	7	16
DN40	21IZ1FS0ATT0402W3	35	411	3	3,5	0	16	16
DN50	21IZ1ES0ATT0502W3	45	660	2,5	6	0	5	16
DN50	21IZ1FS0ATT0502W3	45	660	2,5	6	0	12	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
21IZ1CS0ATT0152W3	DN15	50,5	20	118	70	112	G 1/8	27	2
21IZ1DS0ATT0152W3	DN15	60	20	128	70	125	G 1/8	33	2
21IZ1DS0ATT0202W3	DN20	60	24	135	82	132	G 1/8	33	2
21IZ1DS0ATT0252W3	DN25	60	30	150	100	136	G 1/8	33	2
21IZ1ES0ATT0252W3	DN25	75	30	175	100	162	G 1/8	41	2
21IZ1ES0ATT0322W3	DN32	75	36	186	125	174	G 1/8	41	2
21IZ1ES0ATT0402W3	DN40	75	42	190	130	175	G 1/8	41	2
21IZ1FS0ATT0402W3	DN40	106	42	235	130	223	G 1/8	55	2
21IZ1ES0ATT0502W3	DN50	75	54	206	155	183	G 1/8	41	2
21IZ1FS0ATT0502W3	DN50	106	54	250	155	232	G 1/8	55	2

DIMENSIONS:

