



# Pneumatically operated angle seat valve 2/2 double acting with spring (N.C.), pressure above seat

**SERIE 21EZ1**  
(NPT Threaded Connection)

## PRESENTATION:

- High flow rate due to optimized body design.
- AISI 304 Stainless steel body, with double acting actuator.
- Self positioning plug to ensure the best seal.
- Mounting orientation freely selectable.
- Compact design.
- Double acting with spring (N.C.)

**USE:** Fluids, gases, vapours (neutral, aggressive)

**NOMINAL SIZE:** DN10-DN50

## VALVE FEATURES:

Fluid Temperature	- 10°C + 120°C
Ambient temperature	- 10°C + 80°C
Fluid viscosity	max 600 cSt
Body	AISI 304
Seating seal	PTFE
Steam seal	FKM

## PILOT ACTUATOR FEATURES:

Pilot fluid	Air, inert gases
Fluid Temperature	max + 80°C
Housing	Anodized aluminum
Piston seal	FKM
Size	Ø 32-40-50-63



**CE Approval**

(Pressure Equipment Directive 2014/68/EU )  
for Valve 21EZ1..032 ÷ ..050..

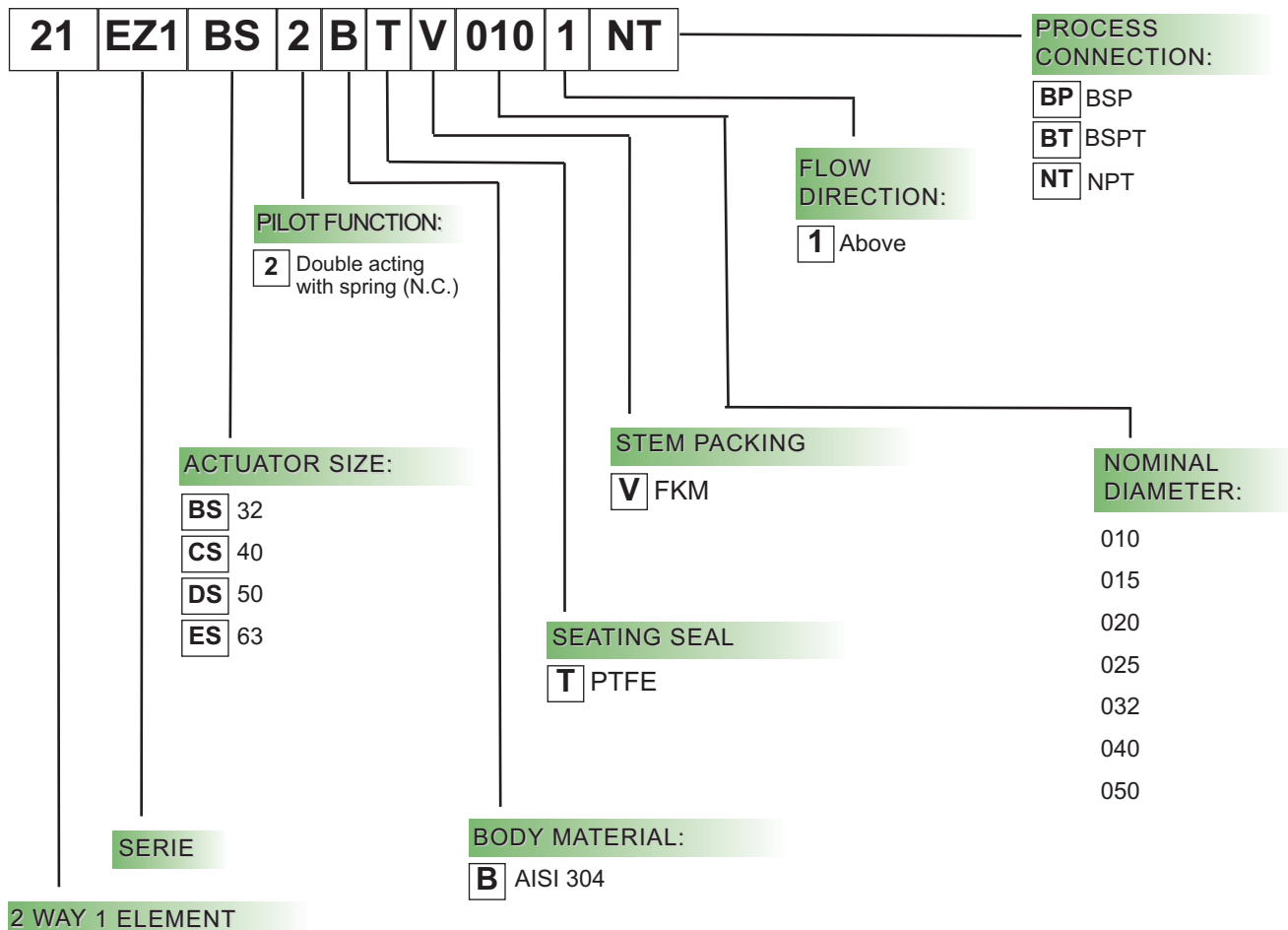
## Nota

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 ANSI/ASME Bl.20.1	Code	Ø mm	Kv	Actuator pilot pressure (bar)		Differential pressure (bar)		Max. allowable pressure
			l/mn	min	max	min	max	PS (bar)
3/8 NPT	21EZ1BS2BTV0101NT	13	48	1	4,5	0	10	16
1/2 NPT	21EZ1BS2BTV0151NT	13	59	1	4,5	0	10	16
3/4 NPT	21EZ1BS2BTV0201NT	18	119	1	4,5	0	10	16
1 NPT	21EZ1CS2BTV0251NT	24	226	1	4,5	0	10	16
1 1/4 NPT	21EZ1DS2BTV0321NT	31	289	1	6	0	10	16
1 1/2 NPT	21EZ1DS2BTV0401NT	35	411	1	6	0	10	16
2 NPT	21EZ1ES2BTV0501NT	45	660	1	6,5	0	10	16

### ORDERING CODE





Type	Pipe ANSI/ASME Bl.20.1	A mm	C mm	G mm	K mm	L mm	N mm	T mm	SW
21EZ1BS2BTV0101NT	3/8 NPT	112	37	3/8"	99	68	5	12	27
21EZ1BS2BTV0151NT	1/2 NPT	112	37	1/2"	99	68	5	15	27
21EZ1BS2BTV0201NT	3/4 NPT	118	37	3/4"	105	75	5	16	32
21EZ1CS2BTV0251NT	1 NPT	125	45	1"	110	90	5	17	40
21EZ1DS2BTV0321NT	1 1/4 NPT	156	55	1 1/4"	135	116	5	21	50
21EZ1DS2BTV0401NT	1 1/2 NPT	156	55	1 1/2"	138	116	5	21	56
21EZ1ES2BTV0501NT	2 NPT	180	69	2"	154	138	5	22	69

DIMENSIONS:

