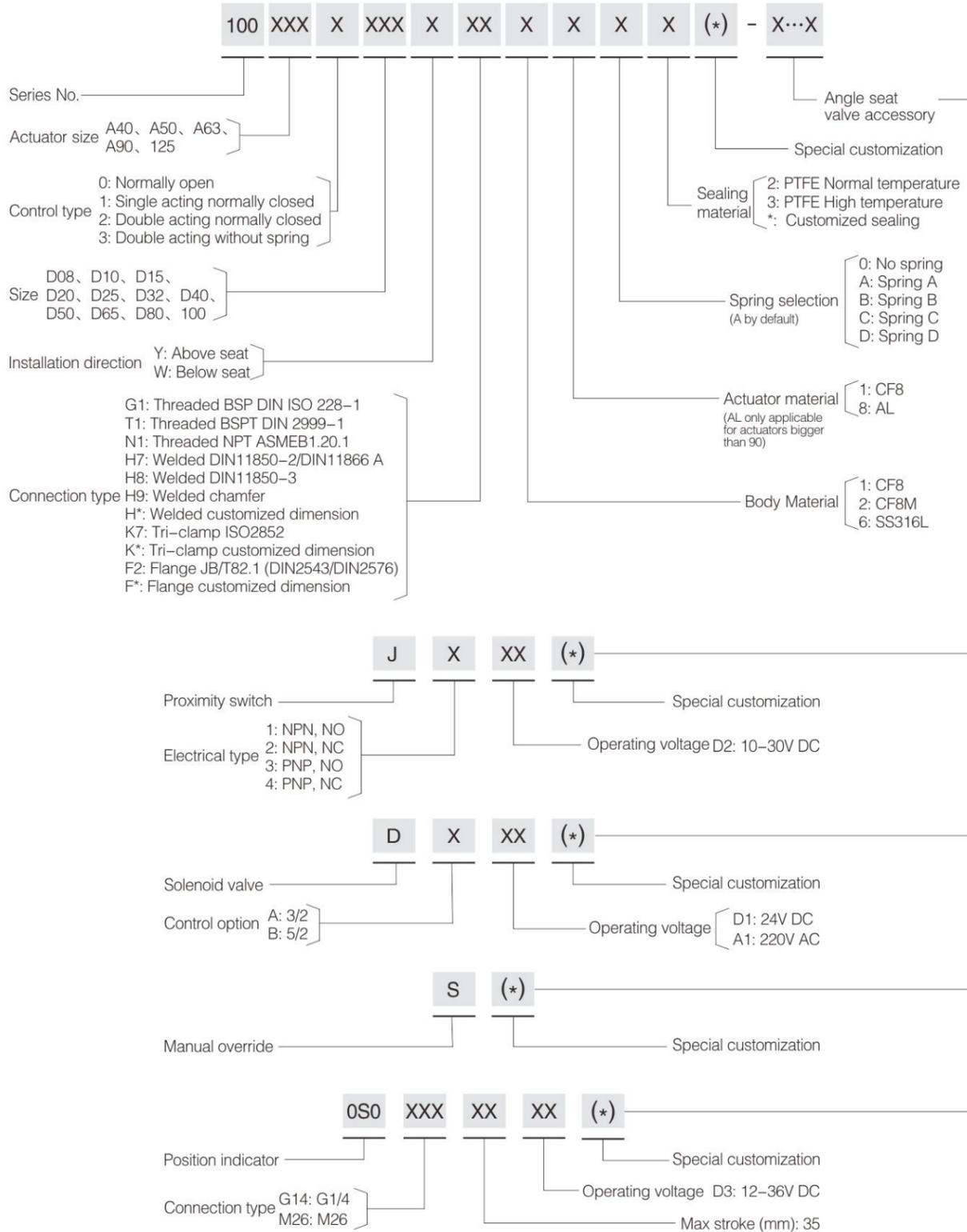


Y-type Angle Seat Valve

Order Instruction



101 Series Economy Type Angle Seat Valve



Technical Specification

- Operating pressure: 0-16bar (0-232psi)
- Control pressure: 3-8bar (43.5-116psi)
- Control fluid: Filtered compressed air or neutral gas
- Actuator material: AL
- Body material: CF8
- Seal material: PTFE
- Applicable fluid: Water, oil, gas, pulp and neutral liquid

- Fluid temperature: -10°C — +80°C
- Ambient temperature: -10°C — +80°C
- Control type: Double acting normally closed, Double acting without spring
- Connection type: Threaded connection, Welded connection
- Leakage class: DIN EN 12266 Class A

Advantages

Actuator has lightweight design, fine aesthetics, tight structure and excellent performance

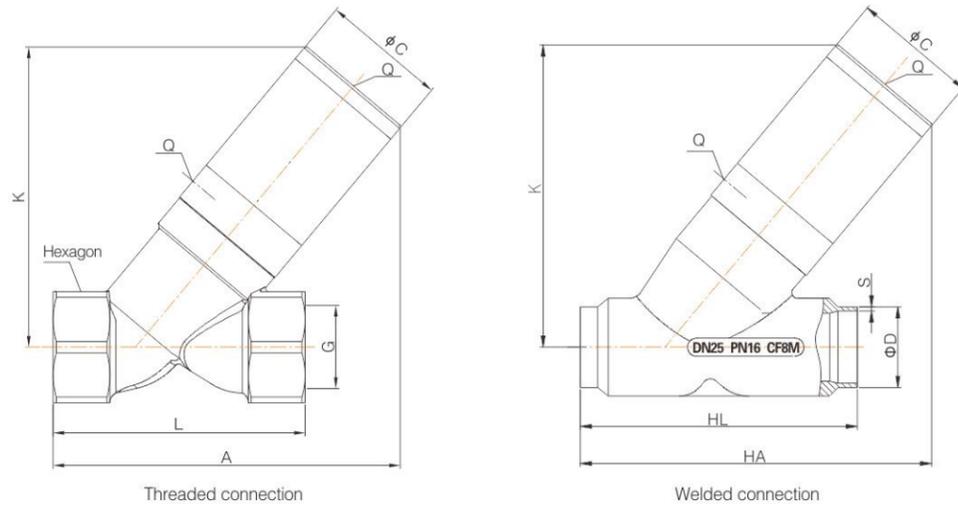
Double Acting, Normally Closed (NC) Enter Above Seat

Size	Thread end	Orifice (mm)	Flow value Kv(m ³ /h)	Actuator (mm)	Differential pressure range P(MPa)	Control pressure (MPa)
DN8	G1/4"	13	1.8	32	0-1.0	0.3-0.6
DN10	G3/8"	13	3.2	32	0-1.0	0.3-0.6
DN15	G1/2"	13	3.5	32	0-1.0	0.3-0.6
DN20	G3/4"	18	6.2	32	0-1.0	0.3-0.6
DN25	G1"	24	9.9	40	0-1.0	0.3-0.6
DN32	G1 1/4"	31	17.9	50	0-1.0	0.3-0.6
DN40	G1 1/2"	35	22.7	50	0-1.0	0.3-0.7
DN50	G2"	45	47.2	63	0-1.0	0.3-0.7

Double Acting, Normally Closed (NC) Enter Below Seat (No Water-hammer)

Size	Thread end	Orifice (mm)	Flow value Kv(m ³ /h)	Actuator (mm)	Differential pressure range P(MPa)	Control pressure (MPa)
DN8	G1/4"	13	1.8	32	0-1.0	0.3-0.7
DN10	G3/8"	13	3.2	32	0-1.0	0.3-0.7
DN15	G1/2"	13	3.5	32	0-1.0	0.3-0.7
DN20	G3/4"	18	6.2	32	0-1.0	0.3-0.7
DN25	G1"	24	9.9	40	0-1.0	0.3-0.7
DN32	G1 1/4"	31	17.9	50	0-0.8	0.3-0.7
DN40	G1 1/2"	35	22.7	50	0-0.6	0.3-0.7
DN50	G2"	45	47.2	63	0-0.3	0.3-0.7

Y-type Angle Seat Valve



107 Series Threaded Manual Angle Seat Valve

107 Series Welded Manual Angle Seat Valve

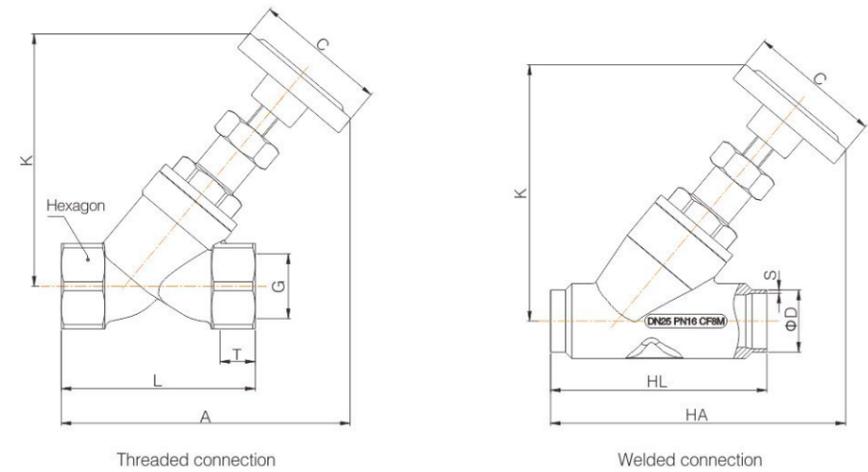
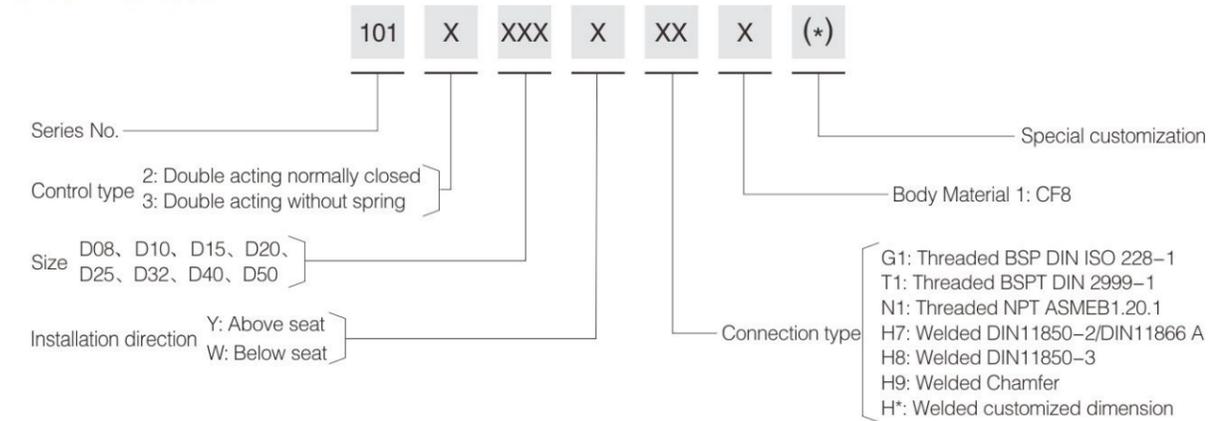


Main Dimension

Size	Actuator	Q	φC	K	Threaded connection				Welded connection					
					G	A	L	Hexagon	HA	HL	DIN11850-2		DIN11850-3	
											φD	S	φD	S
DN8	32	1/8"	38	99	1/4	112	68	27	-	-	-	-	-	-
DN10	32	1/8"	38	99	3/8"	112	68	27	-	-	-	-	-	-
DN15	32	1/8"	38	99	1/2"	112	68	27	109	70	19	1.5	20	2
DN20	32	1/8"	38	105	3/4"	118	75	32	117	82	23	1.5	24	2
DN25	40	1/8"	45	110	1"	125	90	40	133	100	29	1.5	30	2
DN32	50	1/8"	55	135	1 1/4"	156	116	50	158	125	35	1.5	36	2
DN40	50	1/8"	55	138	1 1/2"	158	116	56	161	130	41	1.5	42	2
DN50	63	1/8"	69	160	2"	190	138	69	191	155	53	1.5	54	2

Note: * designates design dimension (the actual dimension may vary)

Order Instruction



Main Dimension

Size	C	K	Threaded connection						Welded connection					
			G	T	A	L	Hexagon	HA	HL	DIN11850-2		DIN11850-3		
											φD	S	φD	S
DN8	62	115	1/4"	12	128	68	27	-	-	-	-	-	-	-
DN10	62	115	3/8"	12	128	68	27	-	-	-	-	-	-	-
DN15	62	115	1/2"	15	128	68	27	120	70	19	1.5	20	2	
DN20	62	120	3/4"	16	133	75	32	128	82	23	1.5	24	2	
DN25	62	125	1"	17	142	90	40	144	100	29	1.5	30	2	
DN32	62	146	1 1/4"	21	166	116	50	165	125	35	1.5	36	2	
DN40	62	148	1 1/2"	21	168	116	56	168	130	41	1.5	42	2	
DN50	62	155	2"	22	182	138	69	182	155	53	1.5	54	2	
DN65	80	202	2 1/2"	26	233	178	85	-	-	-	-	-	-	
DN65 Square bonnet	80	211	2 1/2"	26	226	178	85	270	270	70	2	-	-	

Note: * designates design dimension (the actual dimension may vary)