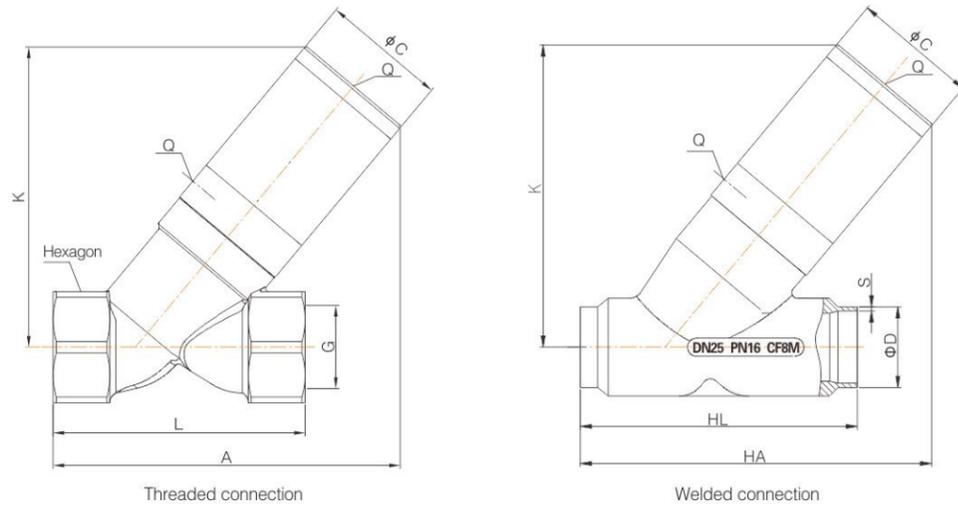


# Y-type Angle Seat Valve



107 Series Threaded Manual Angle Seat Valve



107 Series Welded Manual Angle Seat Valve

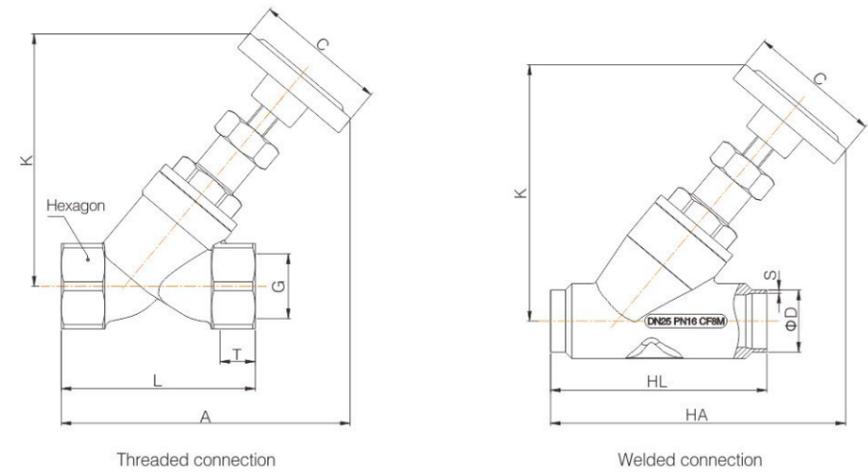
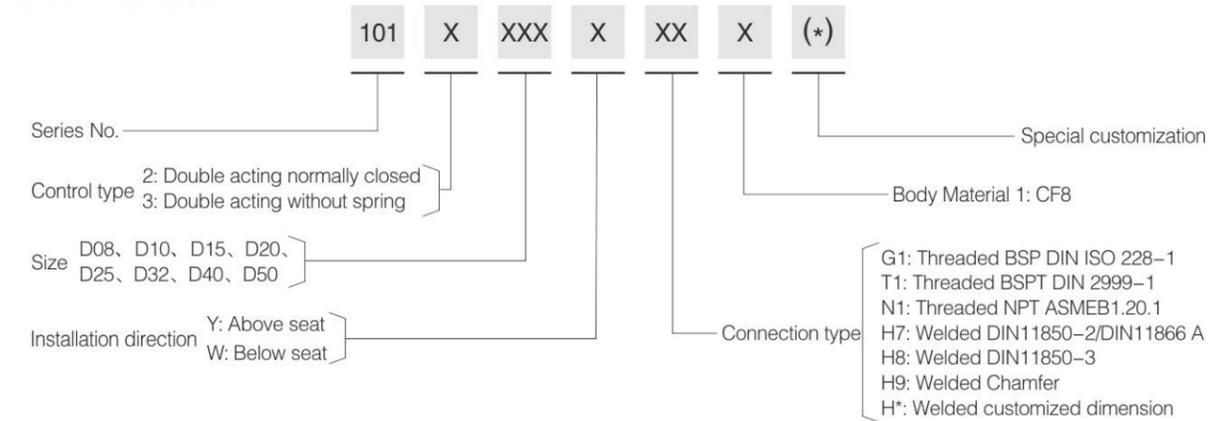


## Main Dimension

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	-	-	

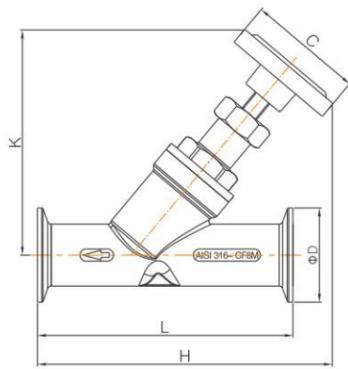
Note: \* designates design dimension (the actual dimension may vary)

# Y-type Angle Seat Valve

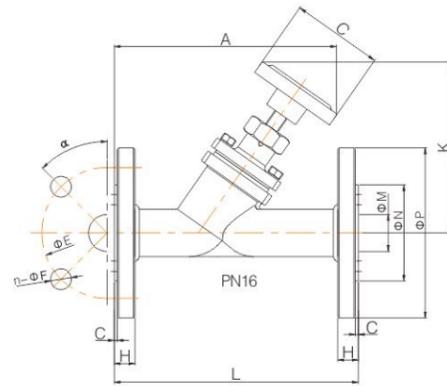
107 Series  
Tri-clamp Manual  
Angle Seat Valve



107 Series  
Flanged Manual  
Angle Seat Valve



Tri-clamp connection



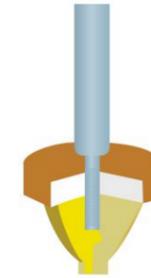
Flange connection

## Main Dimension

Size	C	Tri-clamp connection				Flange connection										
		K	ØD	L	H	K	A	L	C	H	ØE	n-ØF	ØM	ØN	ØP	α
DN15	62	113	34	80	132	116	136	130	2	14	65	4-14	16	45	95	45°
DN20	62	122	50.5	130	147	122	157	150	2	14	75	4-14	19	56	105	45°
DN25	62	126	50.5	130	156	127	157	160	2	14	85	4-14	26	65	115	45°
DN32	62	142	50.5	146	174	147	162	180	2	16	100	4-18	31	78	140	45°
DN40	62	141	64	160	185	149	181	200	3	16	110	4-18	38	84	150	45°
DN50	62	152	64	175	195	156	210	230	3	16	125	4-18	54	100	165	45°
DN65 Square bonnet	80	200	91	178	266	201	272	290	3	18	145	4-18	71	120	185	45°

## Technical Specification

- Operating pressure: 0-16bar (0-232psi)
- Body material: CF8M/CF8
- Seal material: PTFE
- Applicable fluid: Water, Alcohol, Oil, Fuel, Steam, Neutral gas or Liquid, organic solvent, weak acid or weak base solution
- Fluid temperature: -10°C — +180°C (PTFE Normal temperature)  
+25°C — +220°C (PTFE High temperature)
- Ambient temperature: -10°C — +80°C
- Maximum fluid viscosity: 600m<sup>2</sup>/s
- Connection type: Threaded, Welded, Tri-clamp, flange
- Leakage class: Class A



Adjustable seat

Note: Adjustable seat can be installed to achieve manual flow adjustment.

## Order Instruction

