



MANUAL ANGLE SEAT VALVE



ISO 9001
Quality 

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Environment 

OHSAS 18001
Health & Safety 



MANUAL ANGLE SEAT VALVE

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DESCRIPTION

Convalve Manual Angle Seat Valve is a special type of valve designed to control the flow of various media such as liquids, gases or steam. Characterised by its distinctive parabolic plug design, this valve has an enhanced flow control capability that sets it apart from its competitors. The angled seat design provides fast and efficient shut-off, minimising leakage and ensuring extended service life. Manufactured from non-recyclable materials with precision CNC machined surfaces, the valve is robust and undergoes meticulous cleaning processes to maintain its superior quality. Specific sealing and retention components have been incorporated to provide optimum strength during mechanical operations and at elevated temperatures. This makes the valve versatile, suitable for regulating a wide range of fluids, including some aggressive ones, and also suitable for vacuum applications. Its manual operation, facilitated by direct hand levers or other manual actuators, allows the user to precisely control the flow. This valve is used in a wide range of industries, from food and beverage to chemical, water treatment and power generation.

FEATURES

- High Cycle-Life
- High Cv (Flow Coefficient)
- Compact assembly
- Visual indicator
- Robust seat & stem

APPLICATION

- Food and Beverage Processing
- Water Technology & Treatment
- Textile Industry
- Cooling systems on injection molding machines
- Pharmaceutical & cosmetic industry
- Chemical Process technology
- Refrigeration & Cooling heat exchangers
- Sterilizers steam supply
- Water applications: Mining, Cement / Concrete Systems,
- Pulp & Paper
- General industrial applications of aggressive fluids
- Industrial Laundry Equipment
- Industrial Air Dryers

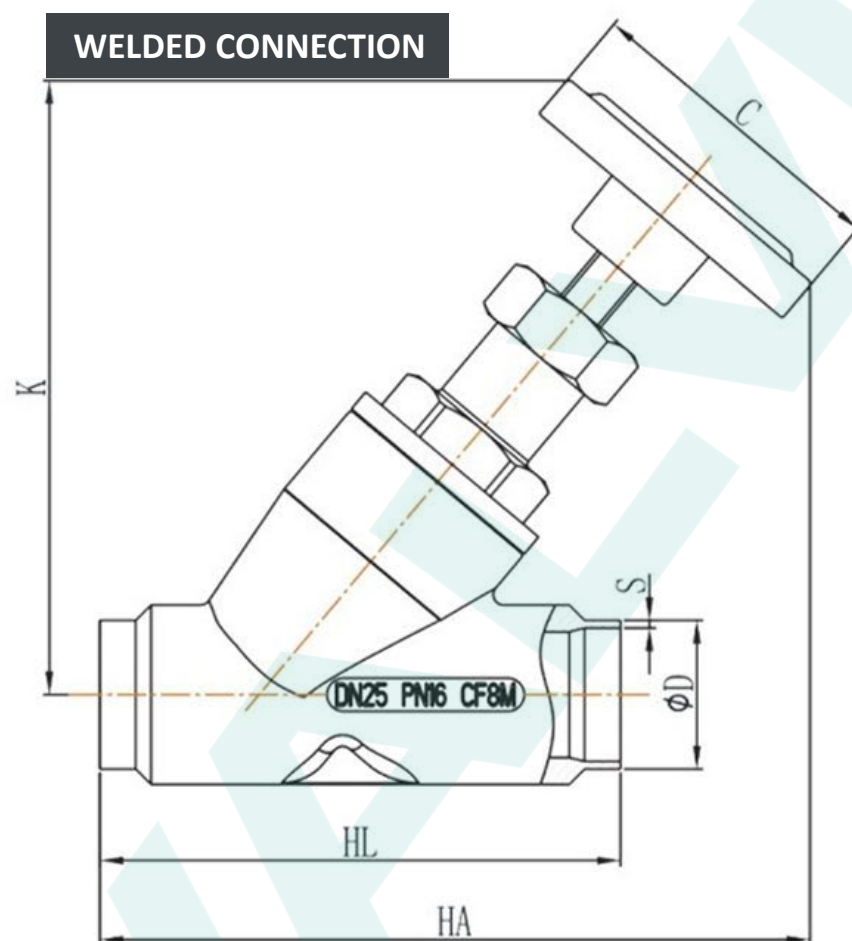
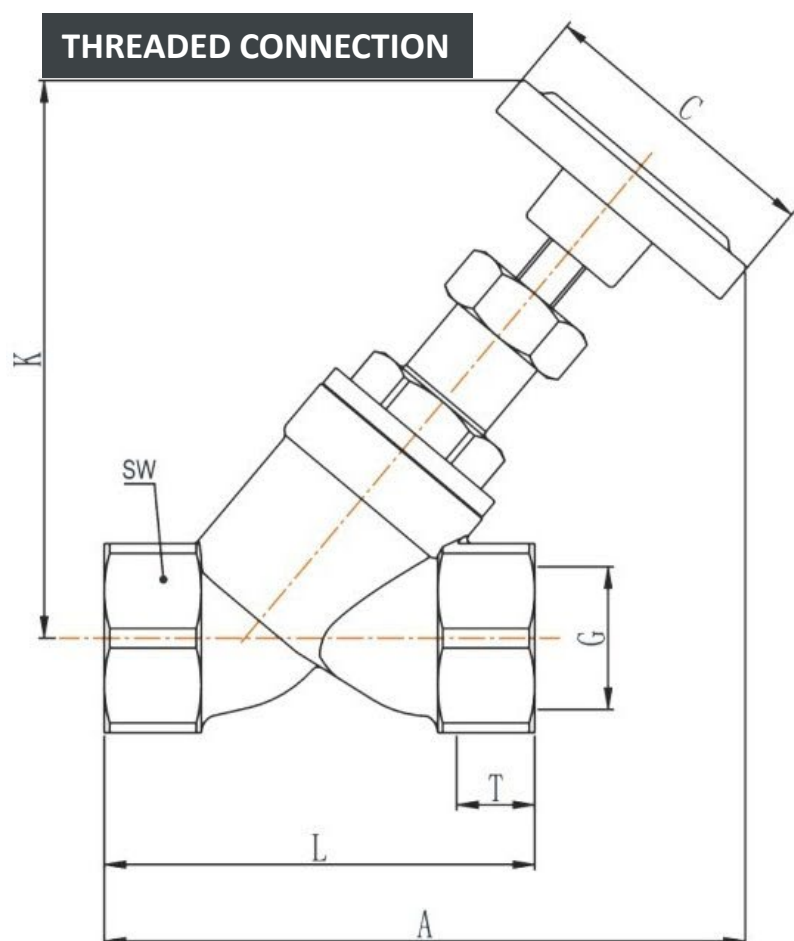
ADVANTAGE

- Hygienic design, easy cleaning
- High-temperature resistance
- Minimized dead leg design
- Optical position indicator
- Easy maintenance
- Good regulation properties
- Clean and smooth exterior for sterile washdowns

CONSTRUCTION

PIPE PRESSURE	0-16 Bar
BODY MATERIAL	1.4408 / 1.4308
VALVE SEAL	PTFE / Carbon PTFE
VALVE SIZE	DN10-DN65
APPLICABLE FLUID	Water, Alcohol, Oil, Fuel, Steam, Neutral gas or liquid, Organic solvent, Acid and lye
FLUID TEMPERATURE	-10°C-+180°C
FLUID VISCOSITY	600mm ² /s
CONNECTION TYPE	Threaded(BSP, BSPT, NPT), Welded, Flanged, Tri-clamp

DIMENSIONS



SIZE	C	K	THREADED					WELDING TYPE						
			G	T	A	L	SW	HA	HL	DIN11850-2		DIN11850-3		
										D	S	D	S	
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	80	211	2 1/2"	26	226	178	85	270	270	70	2			