



## FEATURES

- Investment Cast Body Construction
- 3 Pieces of Seats Design
- Blow-Out-Proof Stem Design
- T-Port Design ( L-Port available : K-301L )
- Locking Device
- Super Alloy materials for highly corrosive medium are available upon request

## SPECIFICATIONS

- Size Range 1/4" ~ 2" ( DN8 ~ DN50 )
- End Connection Threaded End
- Working Pressure 1000PSI ( CWP ) for 1/4" ~ 2"
- Steam Pressure 150 PSIG. Saturated Steam for PTFE.
- Temperature Range -4 to 356 °F ( -20 to 180 °C ) for PTFE.

## STANDARDS

- Design EN 12516-1/3
- Threaded End NPT/ BS 21 ( BSP ) / BSPT / ISO 228-1 / DIN 2999 / ISO 7-1Rp
- Face to Face MFG
- Material ASTM
- Pressure Testing API 598

## CERTIFICATE

- Quality Assurance ISO 9001
- Material Certificate EN 10204-3.1 MTR
- CE Approval PED 97/23/EC Module H
- Canadian Certificate CRN

## MATERIAL LIST

NO.	PART NAME	MATERIAL ( more options available )
1	BODY	ASTM A351 Gr.CF8M
		ASTM A216 Gr.WCB
4	BALL	ASTM A351 Gr.CF8M
5	STEM	ASTM A276 Gr.316
9	CAP	ASTM A351 Gr.CF8M
		ASTM A216 Gr.WCB
10	BLIND CAP	ASTM A351 Gr.CF8M
		ASTM A216 Gr.WCB
11	BODY SEAL	PTFE.
12	SEAT	PTFE.
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
16	GLAND NUT	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
23	HANDLE WASHER	SS304
24	HANDLE NUT	SS304
28	LOCKING DEVICE	SS304
59	FLOW INDICATOR	SS304

## DIMENSION

SIZE		PORT	L	L1	L2	L3	E	C	ØY	H	H1
DN8	1/4"	11.7	75.0	34.0	37.5	17.0	125.0	6.5	7/16"	53.0	33.0
DN10	3/8"	12.8	75.0	34.0	37.5	17.0	125.0	6.5	7/16"	53.0	33.0
DN15	1/2"	12.8	75.0	34.0	37.5	17.0	125.0	6.5	7/16"	53.0	33.0
DN20	3/4"	16.0	85.0	39.0	42.5	17.5	125.0	6.5	7/16"	64.0	30.0
DN25	1"	20.0	103.0	51.0	50.0	20.0	145.0	8.0	7/16"	66.0	35.0
DN32	1-1/4"	25.0	115.0	51.0	57.5	21.0	145.0	8.0	7/16"	79.0	35.0
DN40	1-1/2"	32.2	125.0	58.0	62.5	22.0	205.0	10.0	1/2"	83.0	44.0
DN50	2"	38.2	148.0	63.0	75.0	25.0	205.0	10.0	1/2"	94.0	40.0

## DIMENSION

SIZE		PORT	L	L1	L2	L3	E	C	ØY	H	H1
DN8	1/4"	0.46	2.95	1.33	1.47	0.66	4.92	0.25	7/16"	2.08	1.29
DN10	3/8"	0.50	2.95	1.33	1.47	0.66	4.92	0.25	7/16"	2.08	1.29
DN15	1/2"	0.50	2.95	1.33	1.47	0.66	4.92	0.25	7/16"	2.08	1.29
DN20	3/4"	0.62	3.34	1.53	1.67	0.68	4.92	0.25	7/16"	2.51	1.18
DN25	1"	0.78	4.05	2.00	1.96	0.78	5.70	0.31	7/16"	2.59	1.37
DN32	1-1/4"	0.98	4.52	2.00	2.26	0.82	5.70	0.31	7/16"	3.11	1.37
DN40	1-1/2"	1.26	4.92	2.28	2.46	0.86	8.07	0.39	1/2"	3.26	1.73
DN50	2"	1.50	5.82	2.48	2.95	0.98	8.07	0.39	1/2"	3.70	1.57