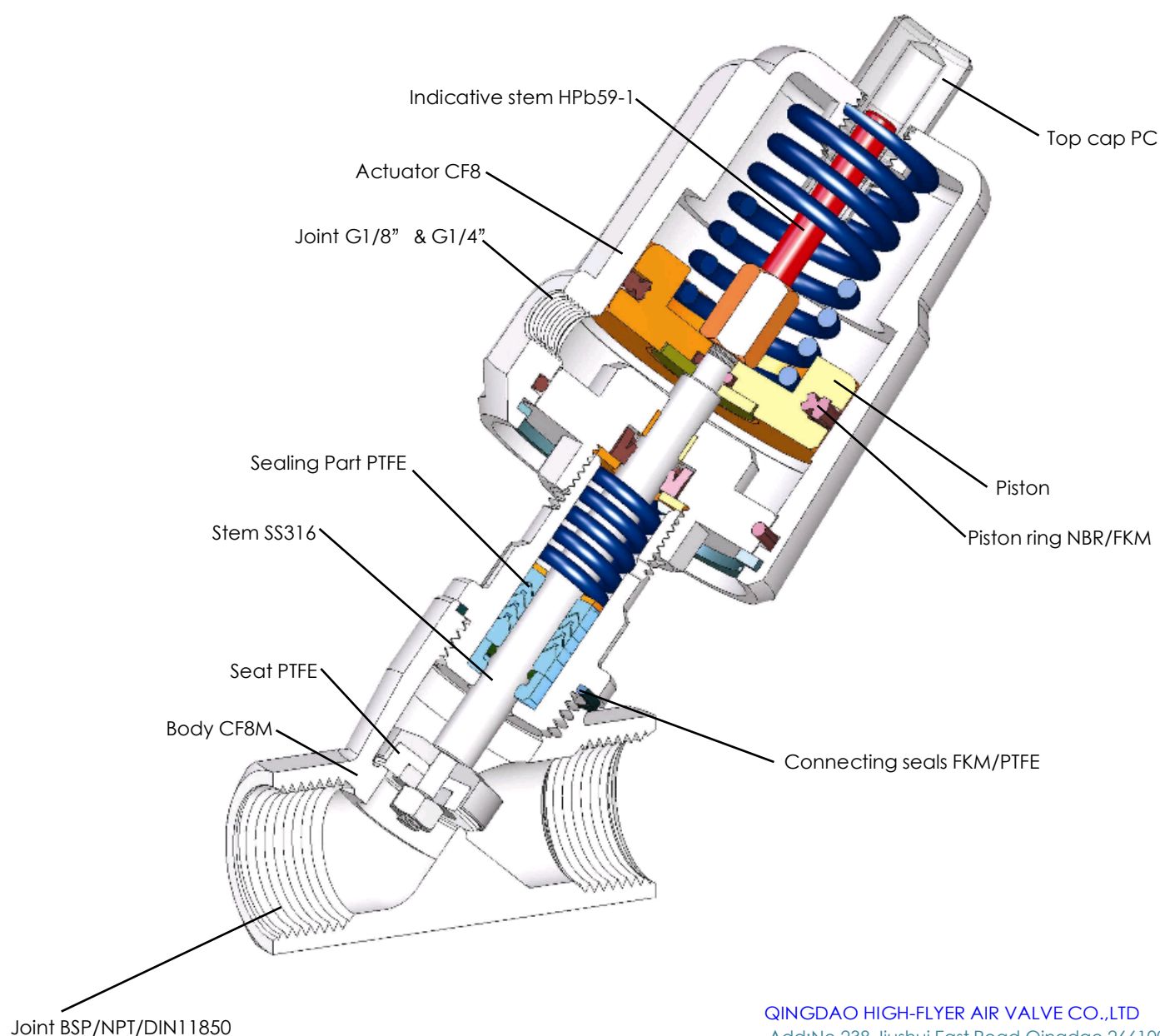




Stainless steel
Angle seat valve
.....long service fast response



QINGDAO HIGH-FLYER AIR VALVE CO.,LTD
Add:No.238,Jiushui East Road.Qingdao 266100 China
Tel:0086 532 87662638
Fax: 0086 532 87660358
E - Mail: brucelin@high-flyer.com.cn
[Http://www.high-flyer.com.cn](http://www.high-flyer.com.cn)

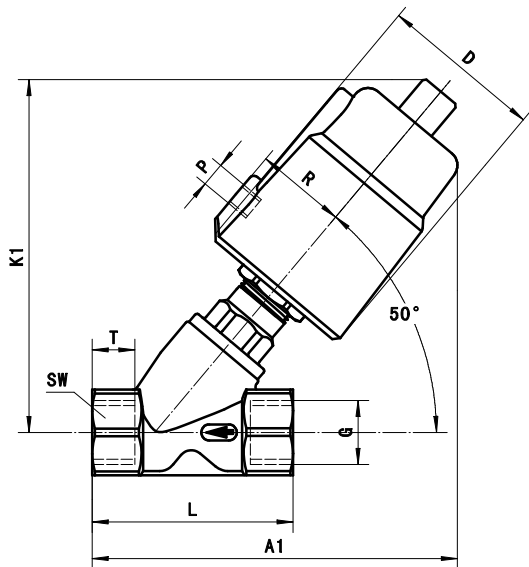
Technical Data

Joint size:DN10-DN50
Thread:G3/8" -G2"
Weleded body:CF8M
Valve body:CF8M
Actuator:CF8
Seat seals:PTFE
Stem seals:PTFE/FKM
Piston seals:FKM/NBR

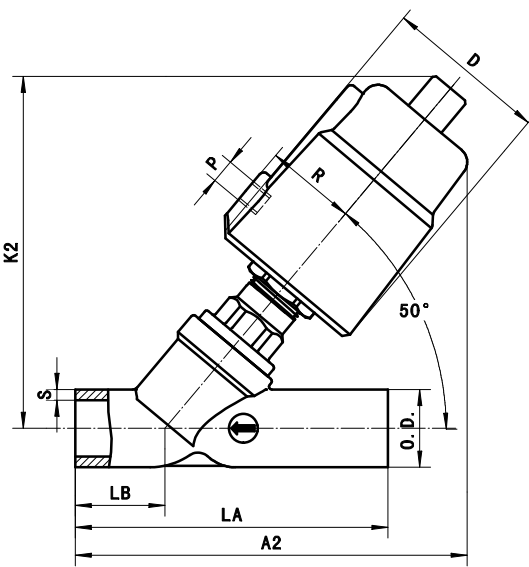
Applicable medium:Water,liquid
,neuteral gas,water steam
Temperature range:PTFE:-10℃ to +180℃
Ambient temperature: -10℃ to +60℃
Viscosity:max 600mm2/s
Installation:Any position
Controlling medium;Air or neuteral gas
Controlling pressure range:0.3-1MPa

Size :

Type	Actuator mm	D mm	R mm	P	Thread						Welded					
					G	K1 mm	A1 mm	L mm	T mm	SW mm	O.D mm	K2 mm	A2 mm	LA mm	LB mm	S mm
DN10	40	50.5	27	G1/8"	G3/8"	115	120	68	12	26.6	-	-	-	-	-	-
	50	60	35	G1/8"	G3/8"	126	133	68	12	26.6	-	-	-	-	-	-
DN15	40	50.5	27	G1/8"	G1/2"	115	120	68	15	26.6	21.3	115	128	100	30	2.65
	50	60	35	G1/8"	G1/2"	126	133	68	15	26.6	21.3	126	140	100	30	2.65
DN20	50	60	35	G1/8"	G3/4"	131	137	75	16	32	26.9	131	136	108	31	3.45
DN25	50	60	35	G1/8"	G1"	140	149	90	17	39.5	33.7	140	150	112	32	3.85
	63	77	43	G1/8"	G1"	165	174	90	17	39.5	33.7	165	175	112	32	3.85
DN32	63	77	43	G1/8"	G1-1/4"	175	188	116	21	50	38	175	193	136	40	3.35
	80	98	52	G1/4"	G1-1/4"	187	199	116	21	50	38	186	202	136	40	3.35
	100	121	63	G1/4"	G1-1/4"	198	209	116	21	50	38	195	217	136	40	3.35
DN40	63	77	43	G1/8"	G1-1/2"	178	190	116	21	55.3	45	178	193	146	40	4.7
	80	98	52	G1/4"	G1-1/2"	192	200	116	21	55.3	45	187	204	146	40	4.7
	100	121	63	G1/4"	G1-1/2"	202	216	116	21	55.3	45	197	219	146	40	4.7
DN50	63	77	43	G1/8"	G2"	184	203	138	22	70	57	184	206	160	45	4.2
	80	98	52	G1/4"	G2"	196	213	138	22	70	57	197	216	160	45	4.2
	100	121	63	G1/4"	G2"	210	230	138	22	70	57	206	232	160	45	4.2



Thread



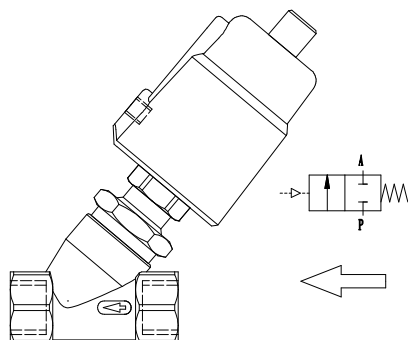
Welded

PROFESSIONAL MANUFACTURER IN STAINLESS STEEL ANGLE SEAT VALVE

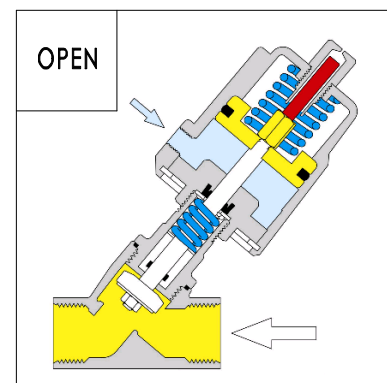
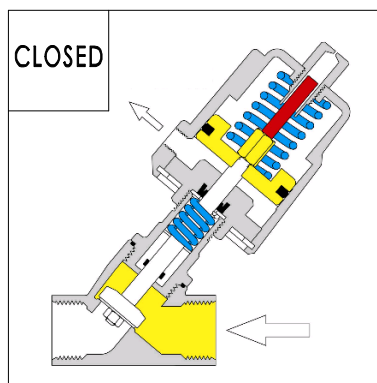
Ordering chart 1-1

Normal close (Normal type)

control of mediums such as air or steam



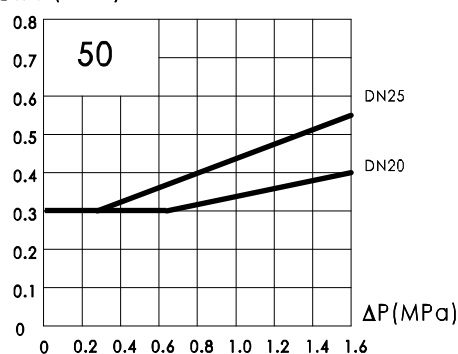
Normal close with flow direction



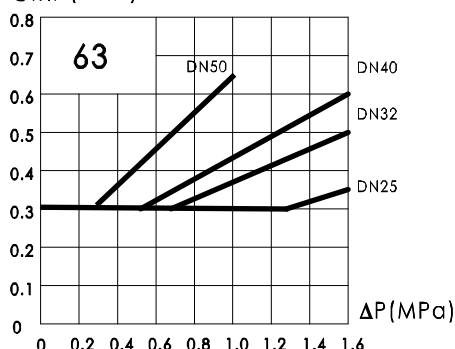
	Type	End	Orifice mm	Actuator mm	Kv m³/h	180°C Working Pressure MPa	Pressure range MPa	Control Pressure range MPa	Model No.
Thread	DN10	G3/8"	13	40	4.7	1.6	0-1.6	≥0.4	100101
	DN10	G3/8"	13	50	4.7		0-1.6	≥0.3	100109
	DN15	G1/2"	13	40	4.7		0-1.6	≥0.4	100105
	DN15	G1/2"	13	50	4.7		0-1.6	≥0.3	100104
	DN20	G3/4"	18	50	9.5		0-1.6	0.3-0.4	100106
	DN25	G1"	24	50	18.1		0-1.6	0.3-0.55	100108
	DN25	G1"	24	63	18.1		0-1.6	0.3-0.35	100100
	DN32	G1-1/4"	31	63	23.1		0-1.6	0.3-0.5	100110
	DN40	G1-1/2"	35	63	32.9		0-1.6	0.3-0.6	100112
	DN50	G2"	45	63	52.8		0-1.0	0.3-0.65	100116
	DN50	G2"	45	80	52.8		0-1.6	0.3-0.66	100119
Welded DIN11850.2	DN15	19X1.5	13	40	4.7	1.6	0-1.6	≥0.4	302105
	DN15	19X1.5	13	50	4.7		0-1.6	≥0.3	302104
	DN20	23X1.5	18	50	9.5		0-1.6	0.3-0.4	302106
	DN25	29X1.5	24	50	18.1		0-1.6	0.3-0.55	302108
	DN25	29X1.5	24	63	18.1		0-1.6	0.3-0.35	302100
	DN32	35X1.5	31	63	23.1		0-1.6	0.3-0.5	302110
	DN40	41X1.5	35	63	32.9		0-1.6	0.3-0.6	302112
	DN50	53X1.5	45	63	52.8		0-1.0	0.3-0.65	302116
	DN50	53X1.5	45	80	52.8		0-1.6	0.3-0.66	302119

DIN11850.3 & ISO2037 is available or according to the customer's requirement

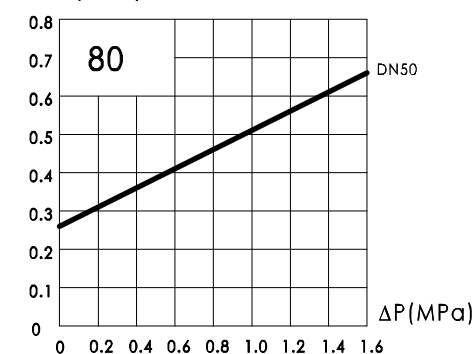
CtrlP (MPa)



CtrlP (MPa)



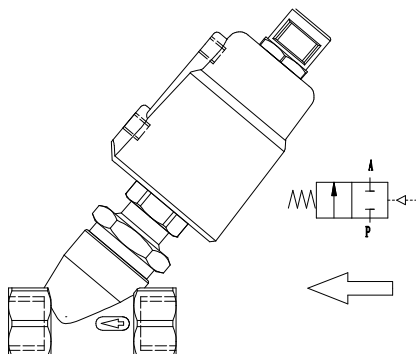
CtrlP (MPa)



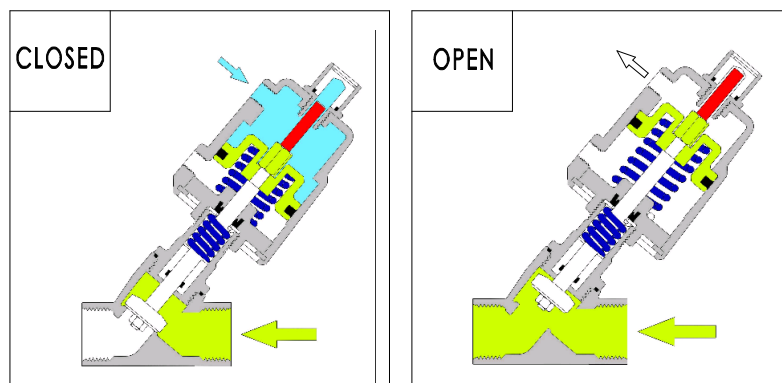
PROFESSIONAL MANUFACTURER IN STAINLESS STEEL ANGLE SEAT VALVE

Ordering chart 1-2

Normal open



Normal open with flow direction

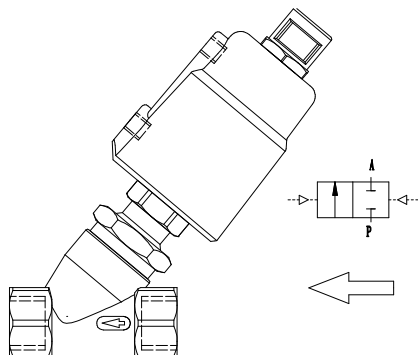


	Type	End	Orifice mm	Actuator mm	Kv m³/h	180°C Working Pressure MPa	Pressure range MPa	Control Pressure MPa	Model No.
Thread	DN10	G3/8"	13	50	4.7	1.6	0-1.6	0.3	200409
	DN15	G1/2"	13	50	4.7		0-1.6	0.3	200404
	DN20	G3/4"	18	50	9.5		0-1.6	0.3	200406
	DN25	G1"	24	63	18.1		0-1.6	0.35	200400
	DN32	G1-1/4"	31	63	23.1		0-1.4	0.39	200410
	DN40	G1-1/2"	35	63	32.9		0-1.1	0.39	200412
	DN50	G2"	45	63	52.8		0-0.6	0.39	200416
	DN50	G2"	45	80	52.8		0-1.2	0.45	200419
Welded DIN11850.2	DN15	19X1.5	13	50	4.7	1.6	0-1.6	0.3	302404
	DN20	23X1.5	18	50	9.5		0-1.6	0.3	302406
	DN25	29X1.5	24	63	18.1		0-1.6	0.35	302400
	DN32	35X1.5	31	63	23.1		0-1.4	0.39	302410
	DN40	41X1.5	35	63	32.9		0-1.1	0.39	302412
	DN50	53X1.5	45	63	52.8		0-0.6	0.39	302416
	DN50	53X1.5	45	80	52.8		0-1.2	0.45	302419

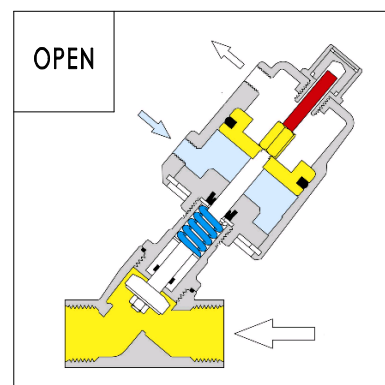
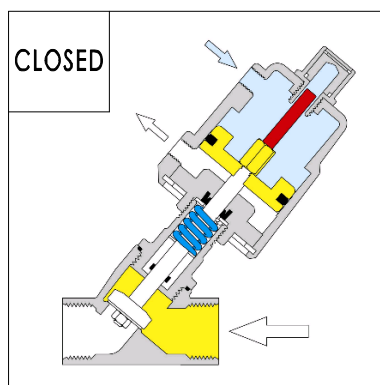
DIN11850.3 & ISO2037 is available or according to the customer's requirement

PROFESSIONAL MANUFACTURER IN STAINLESS STEEL ANGLE SEAT VALVE

Ordering chart II – 1
Double acting (without spring)



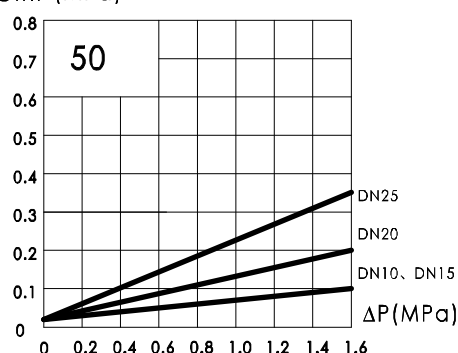
close with flow direction



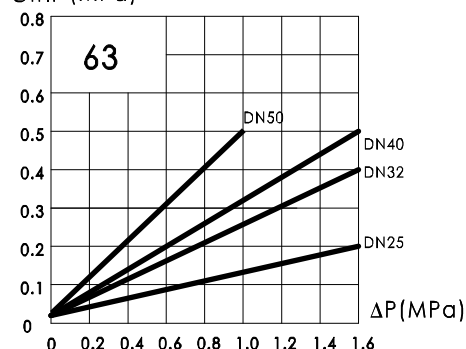
	Type	End	Orifice mm	Actuator mm	Kv m³/h	180°C Working Pressure MPa	Pressure range MPa	Control Pressure range MPa	Model No.
Thread	DN10	G3/8"	13	40	4.7	1.6	0-1.6	0-0.2	200301
	DN10	G3/8"	13	50	4.7		0-1.6	0-0.1	200309
	DN15	G1/2"	13	40	4.7		0-1.6	0-0.2	200305
	DN15	G1/2"	13	50	4.7		0-1.6	0-0.1	200304
	DN20	G3/4"	18	50	9.5		0-1.6	0-0.2	200306
	DN25	G1"	24	50	18.1		0-1.6	0-0.35	200307
	DN25	G1"	24	63	18.1		0-1.6	0-0.2	200308
	DN32	G1-1/4"	31	63	23.1		0-1.6	0-0.4	200310
	DN40	G1-1/2"	35	63	32.9		0-1.6	0-0.5	200312
	DN50	G2"	45	63	52.8		0-1.0	0-0.5	200316
Welded DIN11850.2	DN50	G2"	45	80	52.8		0-1.6	0-0.5	200319
	DN15	19X1.5	13	40	4.7	1.6	0-1.6	0-0.2	302305
	DN15	19X1.5	13	50	4.7		0-1.6	0-0.1	302304
	DN20	23X1.5	18	50	9.5		0-1.6	0-0.2	302306
	DN25	29X1.5	24	50	18.1		0-1.6	0-0.35	302308
	DN25	29X1.5	24	63	18.1		0-1.6	0-0.2	302300
	DN32	35X1.5	31	63	23.1		0-1.6	0-0.4	302310
	DN40	41X1.5	35	63	32.9		0-1.6	0-0.5	302312
	DN50	53X1.5	45	63	52.8		0-1.0	0-0.5	302316
	DN50	53X1.5	45	80	52.8		0-1.6	0-0.5	302319

DIN11850.3 & ISO2037 is available or according to the customer's requirement

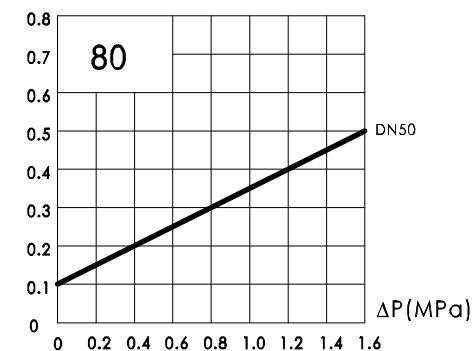
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CtrlP (MPa)

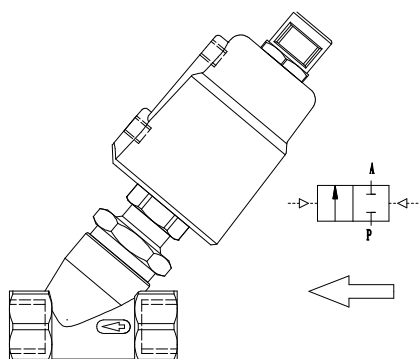


CtrlP (MPa)

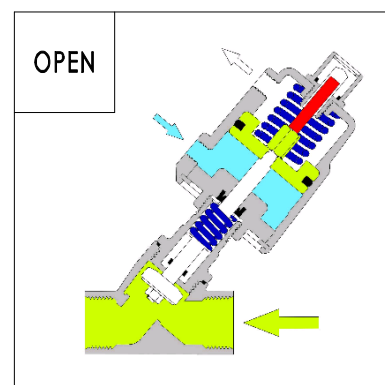
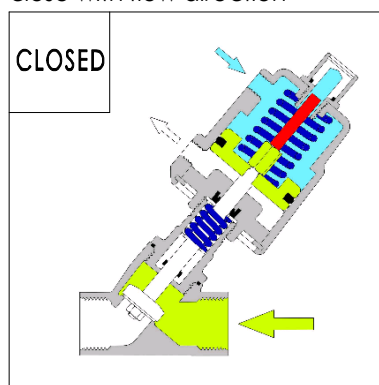


PROFESSIONAL MANUFACTURER IN STAINLESS STEEL ANGLE SEAT VALVE

Ordering chart II – 2
Double acting (with spring)



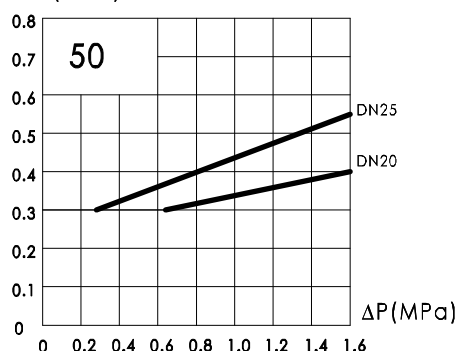
close with flow direction



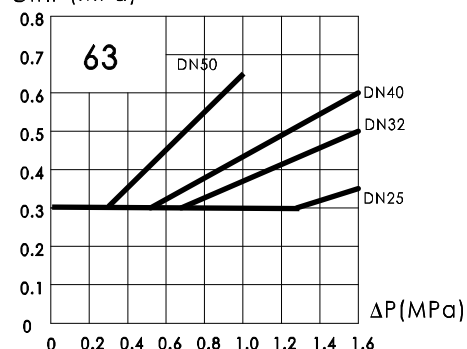
	Type	End	Orifice mm	Actuator mm	Kv m³/h	180°C Working Pressure MPa	Pressure range MPa	Control Pressure range MPa	Model No.
Thread	DN10	G3/8"	13	40	4.7	1.6	0-1.6	≥0.4	200201
	DN10	G3/8"	13	50	4.7		0-1.6	≥0.3	200209
	DN15	G1/2"	13	40	4.7		0-1.6	≥0.4	200205
	DN15	G1/2"	13	50	4.7		0-1.6	≥0.3	200204
	DN20	G3/4"	18	50	9.5		0-1.6	0.3-0.4	200206
	DN25	G1"	24	50	18.1		0-1.6	0.3-0.55	200207
	DN25	G1"	24	63	18.1		0-1.6	0.3-0.35	200208
	DN32	G1-1/4"	31	63	23.1		0-1.6	0.3-0.5	200210
	DN40	G1-1/2"	35	63	32.9		0-1.6	0.3-0.6	200212
	DN50	G2"	45	63	52.8		0-1.0	0.3-0.65	200216
	DN50	G2"	45	80	52.8		0-1.6	0.3-0.66	200219
Welded DIN11850.2	DN15	19X1.5	13	40	4.7	1.6	0-1.6	≥0.4	302205
	DN15	19X1.5	13	50	4.7		0-1.6	≥0.3	302204
	DN20	23X1.5	18	50	9.5		0-1.6	0.3-0.4	302206
	DN25	29X1.5	24	50	18.1		0-1.6	0.3-0.55	302208
	DN25	29X1.5	24	63	18.1		0-1.6	0.3-0.35	302200
	DN32	35X1.5	31	63	23.1		0-1.6	0.3-0.5	302210
	DN40	41X1.5	35	63	32.9		0-1.6	0.3-0.6	302212
	DN50	53X1.5	45	63	52.8		0-1.0	0.3-0.65	302216
	DN50	53X1.5	45	80	52.8		0-1.6	0.3-0.66	302219

DIN11850.3 & ISO2037 is available or according to the customer's requirement

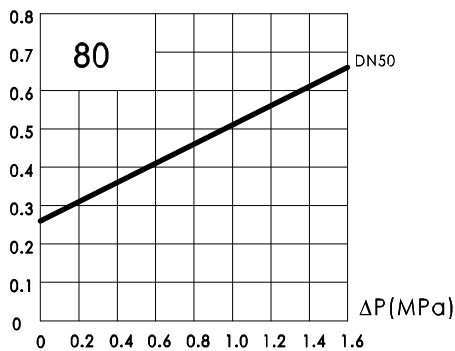
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CtrlP (MPa)



CtrlP (MPa)

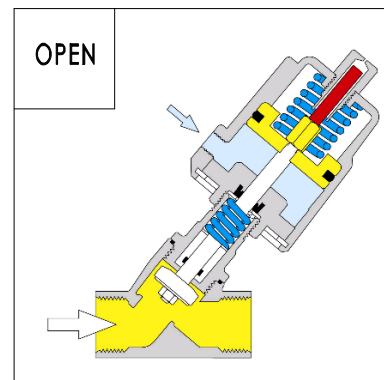
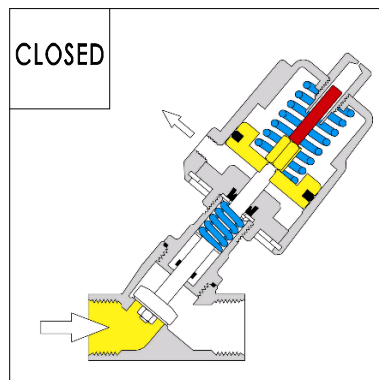
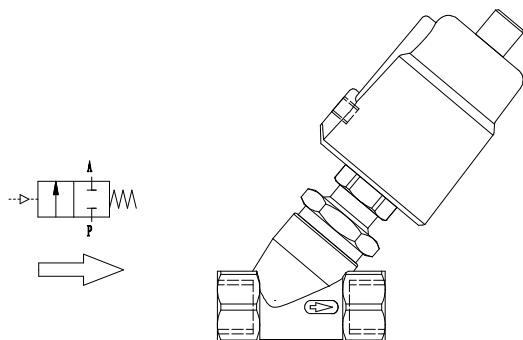


PROFESSIONAL MANUFACTURER IN STAINLESS STEEL ANGLE SEAT VALVE

Ordering chart III

Normal close (Anti-water hammer)

Normal close against with flow direction



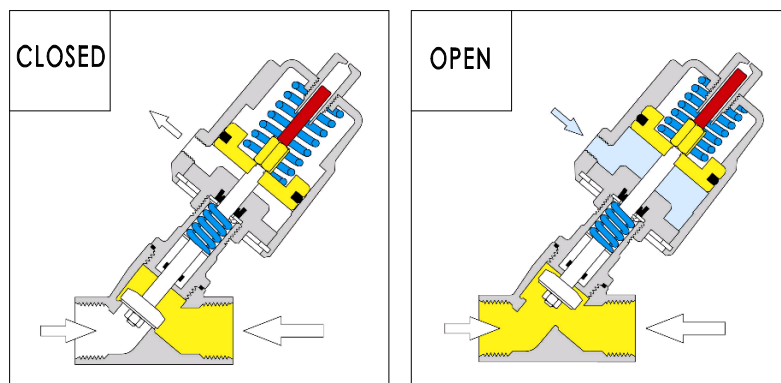
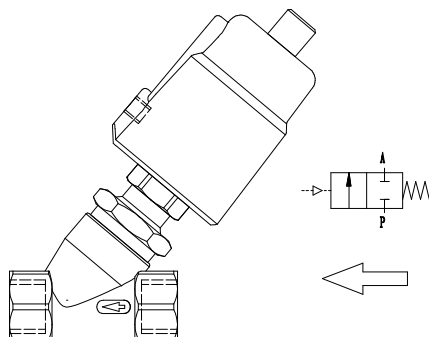
	Type	End	Orifice mm	Actuator mm	Kv m³/h	180°C Working Pressure MPa	Pressure range MPa	Control Pressure MPa	Model No.
Thread	DN10	G3/8"	13	50	4.7	1.6	0-1.6	0.45	100509
	DN15	G1/2"	13	50	4.7		0-1.6	0.45	100504
	DN20	G3/4"	18	50	9.5		0-1.2	0.45	100506
	DN25	G1"	24	63	18.1		0-1.0	0.45	100500
	DN32	G1-1/4"	31	63	23.1		0-0.6	0.45	100510
	DN32	G1-1/4"	31	80	23.1		0-1.6	0.4	100517
	DN40	G1-1/2"	35	80	32.9		0-1.0	0.4	100518
	DN40	G1-1/2"	35	100	32.9		0-1.6	0.4	100520
	DN50	G2"	45	80	52.8		0-0.6	0.4	100519
	DN50	G2"	45	100	52.8		0-1.0	0.4	100521
Welded DIN11850.2	DN15	19X1.5	13	50	4.7	1.6	0-1.6	0.45	302504
	DN20	23X1.5	18	50	9.5		0-1.2	0.45	302506
	DN25	29X1.5	24	63	18.1		0-1.0	0.45	302500
	DN32	35X1.5	31	63	23.1		0-0.6	0.45	302510
	DN32	35X1.5	31	80	23.1		0-1.6	0.4	302517
	DN40	41X1.5	35	80	32.9		0-1.0	0.4	302518
	DN40	41X1.5	35	100	32.9		0-1.0	0.4	302520
	DN50	53X1.5	45	80	52.8		0-0.6	0.4	302519
	DN50	53X1.5	45	100	52.8		0-1.0	0.4	302521

DIN11850.3 & ISO2037 is available or according to the customer's requirement

PROFESSIONAL MANUFACTURER IN STAINLESS STEEL ANGLE SEAT VALVE

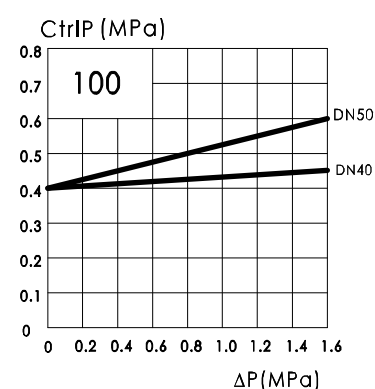
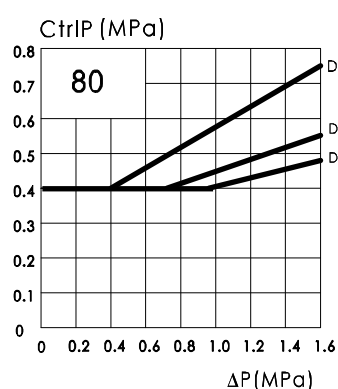
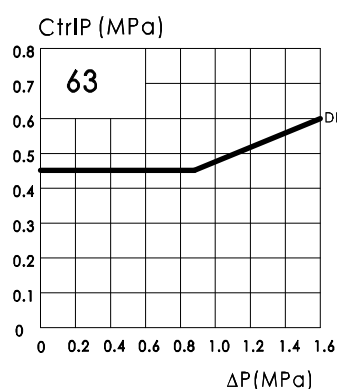
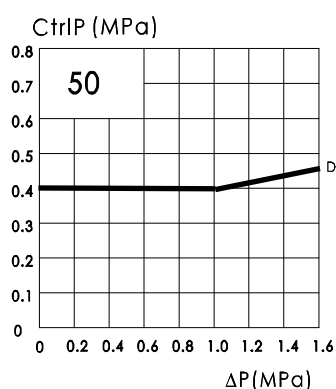
Ordering chart IV – 1
Normal close (Special type)

Normal close with flow direction



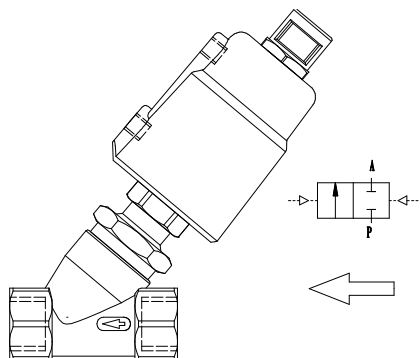
	Type	End	Orifice mm	Actuator mm	Kv m³/h	180°C Working Pressure MPa	Pressure range MPa		Control Pressure range MPa	Model No.
							above	below		
Thread	DN10	G3/8"	13	50	4.7	1.6	0-1.6	0-1.6	≥0.45	100609
	DN15	G1/2"	13	50	4.7		0-1.6	0-1.6	≥0.45	100604
	DN20	G3/4"	18	50	9.5		0-1.6	0-1.2	0.45-0.5	100606
	DN25	G1"	24	63	18.1		0-1.6	0-1.0	≥0.45	100600
	DN32	G1-1/4"	31	63	23.1		0-0.6	0-0.6	0.45-0.6	100610
	DN32	G1-1/4"	31	80	23.1		0-1.6	0-1.2	0.4-0.48	100617
	DN40	G1-1/2"	35	80	32.9		0-1.6	0-1.0	0.4-0.55	100618
	DN40	G1-1/2"	35	100	32.9		0-1.6	0-1.6	0.4-0.45	100620
	DN50	G2"	45	80	52.8		0-0.6	0-0.6	0.4-0.75	100619
	DN50	G2"	45	100	52.8		0-1.6	0-1.0	0.4-0.6	100621
Welded DIN11850.2	DN15	19X1.5	13	50	4.7	1.6	0-1.6	0-1.6	≥0.45	301604
	DN20	23X1.5	18	50	9.5		0-1.6	0-1.2	0.45-0.5	301606
	DN25	29X1.5	24	63	18.1		0-1.6	0-1.0	≥0.45	301600
	DN32	35X1.5	31	63	23.1		0-0.6	0-0.6	0.45-0.6	301610
	DN32	35X1.5	31	80	23.1		0-1.6	0-1.2	0.4-0.48	301617
	DN40	41X1.5	35	80	32.9		0-1.6	0-1.0	0.4-0.55	301618
	DN40	41X1.5	35	100	32.9		0-1.6	0-1.6	0.4-0.45	301620
	DN50	53X1.5	45	80	52.8		0-0.6	0-0.6	0.4-0.75	301619
	DN50	53X1.5	45	100	52.8		0-1.6	0-1.0	0.4-0.6	301621

DIN11850.3 & ISO2037 is available or according to the customer's requirement

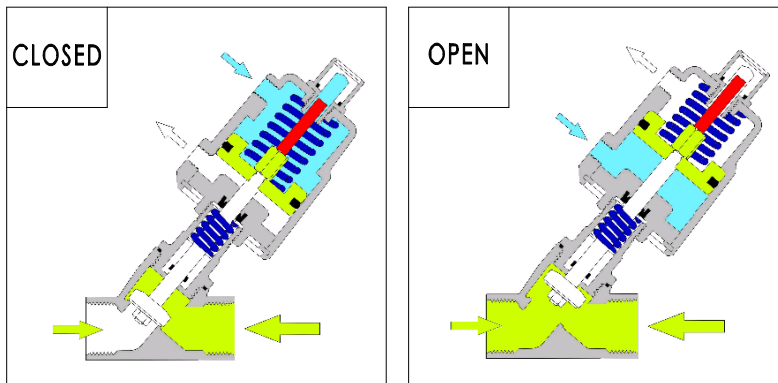


PROFESSIONAL MANUFACTURER IN STAINLESS STEEL ANGLE SEAT VALVE

Ordering chart IV - 2
Double acting (Special type)



Normal close with flow direction



	Type	End	Orifice mm	Actuator mm	Kv m³/h	180°C Working Pressure MPa	Pressure range MPa		Control Pressure range MPa	Model No.
							above	below		
Thread	DN10	G3/8"	13	50	4.7	1.6	0-1.6	0-1.6	≥0.45	200609
	DN15	G1/2"	13	50	4.7		0-1.6	0-1.6	≥0.45	200604
	DN20	G3/4"	18	50	9.5		0-1.6	0-1.2	0.45-0.5	200606
	DN25	G1"	24	63	18.1		0-1.6	0-1.0	≥0.45	200600
	DN32	G1-1/4"	31	63	23.1		0-0.6	0-0.6	0.45-0.6	200610
	DN32	G1-1/4"	31	80	23.1		0-1.6	0-1.2	0.4-0.48	200617
	DN40	G1-1/2"	35	80	32.9		0-1.6	0-1.0	0.4-0.55	200618
	DN40	G1-1/2"	35	100	32.9		0-1.6	0-1.6	0.4-0.45	200620
	DN50	G2"	45	80	52.8		0-0.6	0-0.6	0.4-0.75	200619
	DN50	G2"	45	100	52.8		0-1.6	0-1.0	0.4-0.6	200621
Welded DIN11850.2	DN15	19X1.5	13	50	4.7	1.6	0-1.6	0-1.6	≥0.45	302604
	DN20	23X1.5	18	50	9.5		0-1.6	0-1.2	0.45-0.5	302606
	DN25	29X1.5	24	63	18.1		0-1.6	0-1.0	≥0.45	302600
	DN32	35X1.5	31	63	23.1		0-0.6	0-0.6	0.45-0.6	302610
	DN32	35X1.5	31	80	23.1		0-1.6	0-1.2	0.4-0.48	302617
	DN40	41X1.5	35	80	32.9		0-1.6	0-1.0	0.4-0.55	302618
	DN40	41X1.5	35	100	32.9		0-1.6	0-1.6	0.4-0.45	302620
	DN50	53X1.5	45	80	52.8		0-0.6	0-0.6	0.4-0.75	302619
	DN50	53X1.5	45	100	52.8		0-1.6	0-1.0	0.4-0.6	302621

DIN11850.3 & ISO2037 is available or according to the customer's requirement

