

SERIES PA – NORMALLY CLOSED VALVES - FLOW DIRECTION OVER SEAT

Model Numbers Shown are BSP threads



304 Stainless Steel Actuators with 304 Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	40	4.7	0-16	0-232	4-10	58-145	PA10S1G3S040S	0.78
			50	4.7	0-16	0-232	3-10	44-145	PA10S1G3S050S	1.01
DN15	1/2"	13	40	4.7	0-16	0-232	4-10	58-145	PA15S1G4S040S	0.80
			50	4.7	0-16	0-232	3-10	44-145	PA15S1G4S050S	1.03
DN20	3/4"	18	50	9.5	0-16	0-232	3-4	44-58	PA20S1G5S050S	1.06
DN25	1"	24	50	18.1	0-16	0-232	3-5.5	44-80	PA25S1G6S050S	1.38
			63	18.1	0-16	0-232	3-3.5	44-51	PA25S1G6S063S	2.05
DN32	1-1/4"	31	63	23.1	0-16	0-232	3-5	44-73	PA32S1G7S063S	2.40
DN40	1-1/2"	35	63	32.9	0-16	0-232	3-6	44-87	PA40S1G8S063S	2.75
DN50	2"	45	63	52.8	0-10	0-145	3-6.5	44-95	PA50S1G9S063S	3.50
			80	52.8	0-16	0-232	3-6.6	44-96	PA50S1G9S080S	4.62
			100	52.8	0-16	0-232	3-5	44-73	PA50S1G9S100S	5.16
DN65	2-1/2"	65	100	82	0-10	0-145	3-6	44-87	PA65S1GTS100S	8.65

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

To obtain lbs., multiply kgs by 2.2

304 Stainless Steel Actuators with 316L Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	40	4.7	0-16	0-232	4-10	58-145	PA10S1G3R040S	0.78
			50	4.7	0-16	0-232	3-10	44-145	PA10S1G3R050S	1.01
DN15	1/2"	13	40	4.7	0-16	0-232	4-10	58-145	PA15S1G4R040S	0.80
			50	4.7	0-16	0-232	3-10	44-145	PA15S1G4R050S	1.03
DN20	3/4"	18	50	9.5	0-16	0-232	3-4	44-58	PA20S1G5R050S	1.06
DN25	1"	24	50	18.1	0-16	0-232	3-5.5	44-80	PA25S1G6R050S	1.38
			63	18.1	0-16	0-232	3-3.5	44-51	PA25S1G6R063S	2.05
DN32	1-1/4"	31	63	23.1	0-16	0-232	3-5	44-73	PA32S1G7R063S	2.40
DN40	1-1/2"	35	63	32.9	0-16	0-232	3-6	44-87	PA40S1G8R063S	2.75
DN50	2"	45	63	52.8	0-10	0-145	3-6.5	44-95	PA50S1G9R063S	3.50
			80	52.8	0-16	0-232	3-6.6	44-96	PA50S1G9R080S	4.62
			100	52.8	0-16	0-232	3-5	44-73	PA50S1G9R100S	5.16
DN65	2-1/2"	65	100	82	0-10	0-145	3-6	44-87	PA65S1GTR100S	8.65

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

To obtain lbs., multiply kgs by 2.2

SERIES PA – NORMALLY CLOSED VALVES - FLOW DIRECTION OVER SEAT

Model Numbers Shown are BSP threads



Aluminum Actuator with 304 Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	50	4.7	0-16	0-232	3-10	44-145	PA10S1G3S050A	0.75
DN15	1/2"	13	50	4.7	0-16	0-232	3-10	44-145	PA15S1G4S050A	0.80
DN20	3/4"	18	50	9.5	0-16	0-232	3-4	44-58	PA20S1G5S050A	0.90
DN25	1"	24	50	18.1	0-16	0-232	3-5.5	44-80	PA25S1G6S050A	1.27
			63	18.1	0-16	0-232	3-4	44-58	PA25S1G6S063A	1.65
DN32	1-1/4"	31	63	23.1	0-16	0-232	3-5.5	44-80	PA32S1G7S063A	1.89
DN40	1-1/2"	35	63	32.9	0-16	0-232	3-6.5	44-95	PA40S1G8S063A	2.15
DN50	2"	45	63	52.8	0-10	0-145	3-6.5	44-95	PA50S1G9S063A	2.98
			80	52.8	0-16	0-232	3-6.6	44-96	PA50S1G9S080A	3.56
			100	52.8	0-16	0-232	3-5	44-73	PA50S1G9S100A	4.75
DN65	2-1/2"	65	100	82	0-10	0-145	3-6	44-87	PA65S1GTS100A	5.50

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

To obtain lbs., multiply kgs by 2.2

Aluminum Actuator with 316L Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	50	4.7	0-16	0-232	3-10	44-145	PA10S1G3R050A	0.75
DN15	1/2"	13	50	4.7	0-16	0-232	3-10	44-145	PA15S1G4R050A	0.80
DN20	3/4"	18	50	9.5	0-16	0-232	3-4	44-58	PA20S1G5R050A	0.90
DN25	1"	24	50	18.1	0-16	0-232	3-5.5	44-80	PA25S1G6R050A	1.27
			63	18.1	0-16	0-232	3-4	44-58	PA25S1G6R063A	1.65
DN32	1-1/4"	31	63	23.1	0-16	0-232	3-5.5	44-80	PA32S1G7R063A	1.89
DN40	1-1/2"	35	63	32.9	0-16	0-232	3-6.5	44-95	PA40S1G8R063A	2.15
DN50	2"	45	63	52.8	0-10	0-145	3-6.5	44-95	PA50S1G9R063A	2.98
			80	52.8	0-16	0-232	3-6.6	44-96	PA50S1G9R080A	3.56
			100	52.8	0-16	0-232	3-5	44-73	PA50S1G9R100A	4.75
DN65	2-1/2"	65	100	82	0-10	0-145	3-6	44-87	PA65S1GTR100A	5.50

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

To obtain lbs., multiply kgs by 2.2

SERIES PA – NORMALLY OPEN VALVES - FLOW DIRECTION OVER SEAT

Model Numbers Shown are BSP threads



304 Stainless Steel Actuators with 304 Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	50	4.7	0-16	0-232	3.5-10	51-145	PA10S2G3S050S	1.0
DN15	1/2"	13	50	4.7	0-16	0-232	3.5-10	51-145	PA15S2G4S050S	1.03
DN20	3/4"	18	50	9.5	0-16	0-232	3.5-10	51-145	PA20S2G5S050S	1.06
DN25	1"	24	63	18.1	0-16	0-232	4.5-10	66-145	PA25S2G6S063S	2.05
DN32	1-1/4"	31	63	23.1	0-14	0-203	4.5-10	66-145	PA32S2G7S063S	2.40
DN40	1-1/2"	35	63	32.9	0-11	0-160	4.5-10	66-145	PA40S2G8S063S	2.75
DN50	2"	45	63	52.8	0-6	0-87	5-10	73-145	PA50S2G9S063S	3.50
			80	52.8	0-12	0-174	5-10	73-145	PA50S2G9S080S	4.62

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

To obtain lbs., multiply kgs by 2.2

304 Stainless Steel Actuators with 316L Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	50	4.7	0-16	0-232	3.5-10	51-145	PA10S2G3R050S	1.0
DN15	1/2"	13	50	4.7	0-16	0-232	3.5-10	51-145	PA15S2G4R050S	1.03
DN20	3/4"	18	50	9.5	0-16	0-232	3.5-10	51-145	PA20S2G5R050S	1.06
DN25	1"	24	63	18.1	0-16	0-232	4.5-10	66-145	PA25S2G6R063S	2.05
DN32	1-1/4"	31	63	23.1	0-14	0-203	4.5-10	66-145	PA32S2G7R063S	2.40
DN40	1-1/2"	35	63	32.9	0-11	0-160	4.5-10	66-145	PA40S2G8R063S	2.75
DN50	2"	45	63	52.8	0-6	0-87	5-10	73-145	PA50S2G9R063S	3.50
			80	52.8	0-12	0-174	5-10	73-145	PA50S2G9R080S	4.62

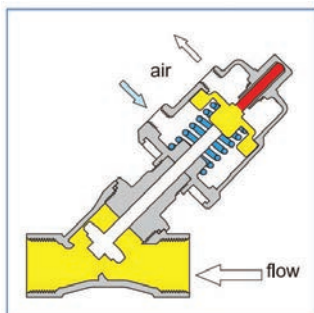
For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

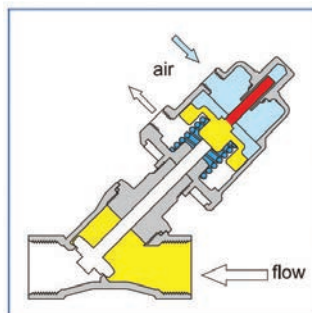
To obtain lbs., multiply kgs by 2.2

Flow Charts

Valve Open



Valve Closed



SERIES PA – NORMALLY CLOSED VALVES - FLOW DIRECTION UNDER SEAT ANTI WATER HAMMER CONSTRUCTION

Model Numbers Shown are BSP threads



304 Stainless Steel Actuators with 304 Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	50	4.7	0-16	0-232	4.5-10	66-145	PA10SAG3S050S	1.01
DN15	1/2"	13	50	4.7	0-16	0-232	4.5-10	66-145	PA15SAG4S050S	1.03
DN20	3/4"	18	50	9.5	0-10	0-145	4.5-10	66-145	PA20SAG5S050S	1.06
DN25	1"	24	63	18.1	0-8	0-116	4.5-10	66-145	PA25SAG6S063S	2.05
DN32	1-1/4"	31	80	23.1	0-11	0-160	4-10	58-145	PA32SAG7S080S	3.82
DN40	1-1/2"	35	80	32.9	0-8	0-116	4-10	58-145	PA40SAG8S080S	4.07
			100	32.9	0-16	0-232	4-10	58-145	PA40SAG8S100S	4.61
DN50	2"	45	100	52.8	0-9	0-131	4-10	58-145	PA50SAG9S100S	5.16

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

To obtain lbs., multiply kgs by 2.2

304 Stainless Steel Actuators with 316L Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	50	4.7	0-16	0-232	4.5-10	66-145	PA10SAG3R050S	1.01
DN15	1/2"	13	50	4.7	0-16	0-232	4.5-10	66-145	PA15SAG4R050S	1.03
DN20	3/4"	18	50	9.5	0-10	0-145	4.5-10	66-145	PA20SAG5R050S	1.06
DN25	1"	24	63	18.1	0-8	0-116	4.5-10	66-145	PA25SAG6R063S	2.05
DN32	1-1/4"	31	80	23.1	0-11	0-160	4-10	58-145	PA32SAG7R080S	3.82
DN40	1-1/2"	35	80	32.9	0-8	0-116	4-10	58-145	PA40SAG8R080S	4.07
			100	32.9	0-16	0-232	4-10	58-145	PA40SAG8R100S	4.61
DN50	2"	45	100	52.8	0-9	0-131	4-10	58-145	PA50SAG9R100S	5.16

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

To obtain lbs., multiply kgs by 2.2

Aluminum Actuator with 304 Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	50	4.7	0-16	0-232	4.5-10	66-145	PA10SAG3S050A	0.75
DN15	1/2"	13	50	4.7	0-16	0-232	4.5-10	66-145	PA15SAG4S050A	0.80
DN20	3/4"	18	50	9.5	0-10	0-145	4.5-10	66-145	PA20SAG5S050A	0.90
DN25	1"	24	63	18.1	0-8	0-116	4.5-10	66-145	PA25SAG6S063A	1.65
DN32	1-1/4"	31	80	23.1	0-11	0-160	4-10	58-145	PA32SAG7S080A	2.80
DN40	1-1/2"	35	80	32.9	0-8	0-116	4-10	58-145	PA40SAG8S080A	3.10
			100	32.9	0-16	0-232	4-10	58-145	PA40SAG8S100A	4.15
DN50	2"	45	100	52.8	0-9	0-131	4-10	58-145	PA50SAG9S100A	4.75

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

To obtain lbs., multiply kgs by 2.2

SERIES PA – NORMALLY CLOSED VALVES - FLOW DIRECTION UNDER SEAT ANTI WATER HAMMER CONSTRUCTION

Model Numbers Shown are BSP threads



Aluminum Actuator with 316L Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	50	4.7	0-16	0-232	4.5-10	66-145	PA10SAG3R050A	0.75
DN15	1/2"	13	50	4.7	0-16	0-232	4.5-10	66-145	PA15SAG4R050A	0.80
DN20	3/4"	18	50	9.5	0-10	0-145	4.5-10	66-145	PA20SAG5R050A	0.90
DN25	1"	24	63	18.1	0-8	0-116	4.5-10	66-145	PA25SAG6R063A	1.65
DN32	1-1/4"	31	80	23.1	0-11	0-160	4-10	58-145	PA32SAG7R080A	2.80
DN40	1-1/2"	35	80	32.9	0-8	0-116	4-10	58-145	PA40SAG8R080A	3.10
			100	32.9	0-16	0-232	4-10	58-145	PA40SAG8R100A	4.15
DN50	2"	45	100	52.8	0-9	0-131	4-10	58-145	PA50SAG9R100A	4.75

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

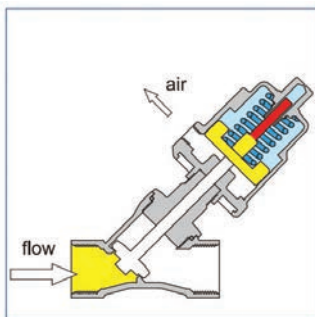
To obtain lbs., multiply kgs by 2.2

Control Pressure & Operating Pressure

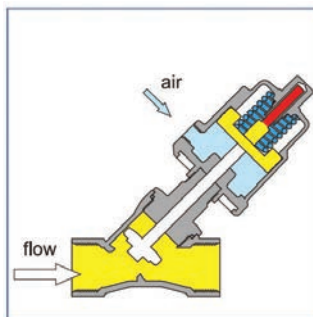
Charts do not apply for Anti Water Hammer valves. A minimum pressure as noted above is all that is required, up to the maximum listed.

Flow Charts

Valve Closed



Valve Open



SERIES PA – COMPACT DESIGN NORMALLY CLOSED VALVES FLOW DIRECTION OVER SEAT

Media Temperature -10-100°C

Model Numbers Shown are BSP threads



304 Stainless Steel Actuators with 304 Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	32	4.7	0-16	0-232	4.5-6	66-87	PA10C3G3S032S	0.58
DN15	1/2"	13	32	4.7	0-16	0-232	4.5-6	66-87	PA15C3G4S032S	0.60
DN20	3/4"	15	32	5.4	0-14	0-203	4.5-6	66-87	PA20C3G5S032S	0.65

304 Stainless Steel Actuators with 316L Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	32	4.7	0-16	0-232	4.5-6	66-87	PA10C3G3R032S	0.58
DN15	1/2"	13	32	4.7	0-16	0-232	4.5-6	66-87	PA15C3G4R032S	0.60
DN20	3/4"	15	32	5.4	0-14	0-203	4.5-6	66-87	PA20C3G5R032S	0.65

SERIES PA – COMPACT DESIGN NORMALLY CLOSED VALVES FLOW DIRECTION OVER SEAT

Media Temperature -10-180°C

Model Numbers Shown are BSP threads

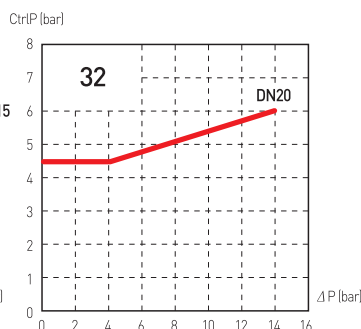
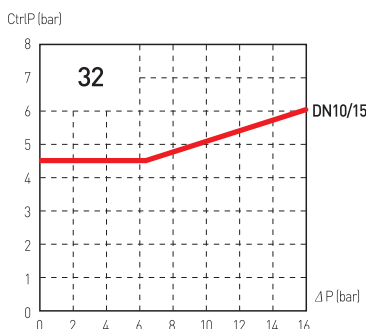
304 Stainless Steel Actuators with 304 Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	32	4.7	0-16	0-232	4.5-6	66-87	PA10C1G3S032S	0.63
DN15	1/2"	13	32	4.7	0-16	0-232	4.5-6	66-87	PA15C1G4S032S	0.65
DN20	3/4"	15	32	5.4	0-14	0-203	4.5-6	66-87	PA20C1G5S032S	0.71

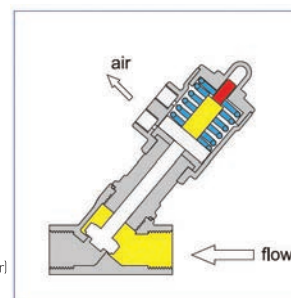
304 Stainless Steel Actuators with 316L Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	32	4.7	0-16	0-232	4.5-6	66-87	PA10C1G3R032S	0.63
DN15	1/2"	13	32	4.7	0-16	0-232	4.5-6	66-87	PA15C1G4R032S	0.65
DN20	3/4"	15	32	5.4	0-14	0-203	4.5-6	66-87	PA20C1G5R032S	0.71

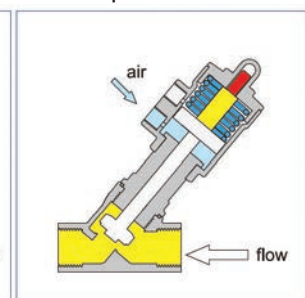
Control Pressure & Operating Pressure Charts Flow Charts



Valve Closed



Valve Open



SERIES PA – COMPACT DESIGN NORMALLY CLOSED VALVES FLOW DIRECTION UNDER SEAT

Media Temperature -10-100°C

Model Numbers Shown are BSP threads



304 Stainless Steel Actuators with 304 Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	32	4.7	0-6	0-87	5-6	73-87	PA10C4G3S032S	0.58
DN15	1/2"	13	32	4.7	0-6	0-87	5-6	73-87	PA15C4G4S032S	0.60
DN20	3/4"	15	32	5.4	0-4	0-58	5-6	73-87	PA20C4G5S032S	0.65

304 Stainless Steel Actuators with 316L Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	32	4.7	0-6	0-87	5-6	73-87	PA10C4G3R032S	0.58
DN15	1/2"	13	32	4.7	0-6	0-87	5-6	73-87	PA15C4G4R032S	0.60
DN20	3/4"	15	32	5.4	0-4	0-58	5-6	73-87	PA20C4G5R032S	0.65

SERIES PA – COMPACT DESIGN NORMALLY CLOSED VALVES FLOW DIRECTION UNDER SEAT Media Temperature -10-180°C

Model Numbers Shown are BSP threads

304 Stainless Steel Actuators with 304 Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	32	4.7	0-6	0-87	5-6	73-87	PA10C2G3S032S	0.63
DN15	1/2"	13	32	4.7	0-6	0-87	5-6	73-87	PA15C2G4S032S	0.65
DN20	3/4"	15	32	5.4	0-4	0-58	5-6	73-87	PA20C2G5S032S	0.71

304 Stainless Steel Actuators with 316L Stainless Steel Bodies

Size	Port size	Orifice (mm)	Actuator (mm)	Kv (m³/h)	Operating Pressure Differential		Pilot Control Pressure Range		Model Number	Net Weight kgs
					Bar	PSI	Bar	PSI		
DN10	3/8"	13	32	4.7	0-6	0-87	5-6	73-87	PA10C2G3R032S	0.63
DN15	1/2"	13	32	4.7	0-6	0-87	5-6	73-87	PA15C2G4R032S	0.65
DN20	3/4"	15	32	5.4	0-4	0-58	5-6	73-87	PA20C2G5R032S	0.71

For all Compact Design valves on pages 10-11 the following applies:

For NPT porting, change "G" to "N" in 7th position

To obtain Cv multiply Kv by 1.16

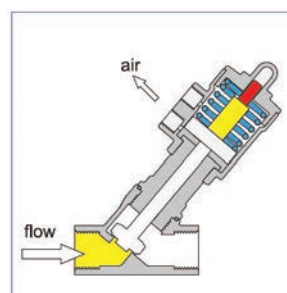
To obtain lbs., multiply kgs by 2.2

Control Pressure & Operating Pressure Charts

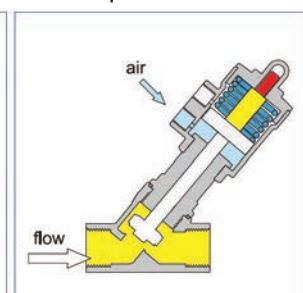
Charts do not apply for valves with flow direction under the seat. A minimum pressure as noted above is all that is required, up to the maximum listed.

Flow Charts

Valve Closed

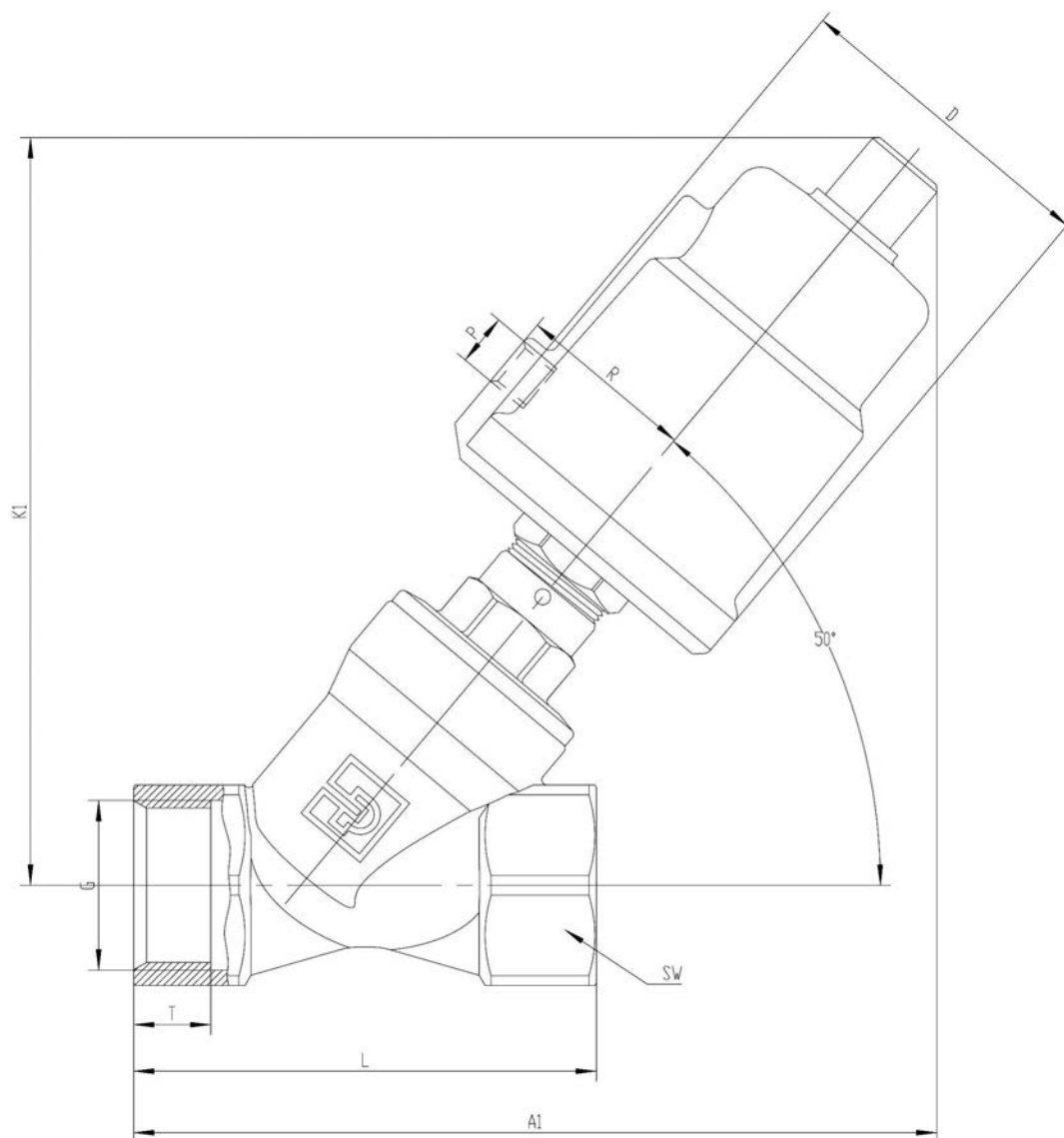


Valve Open



SERIES PA Drawings and Dimensions**Stainless Steel Actuators**

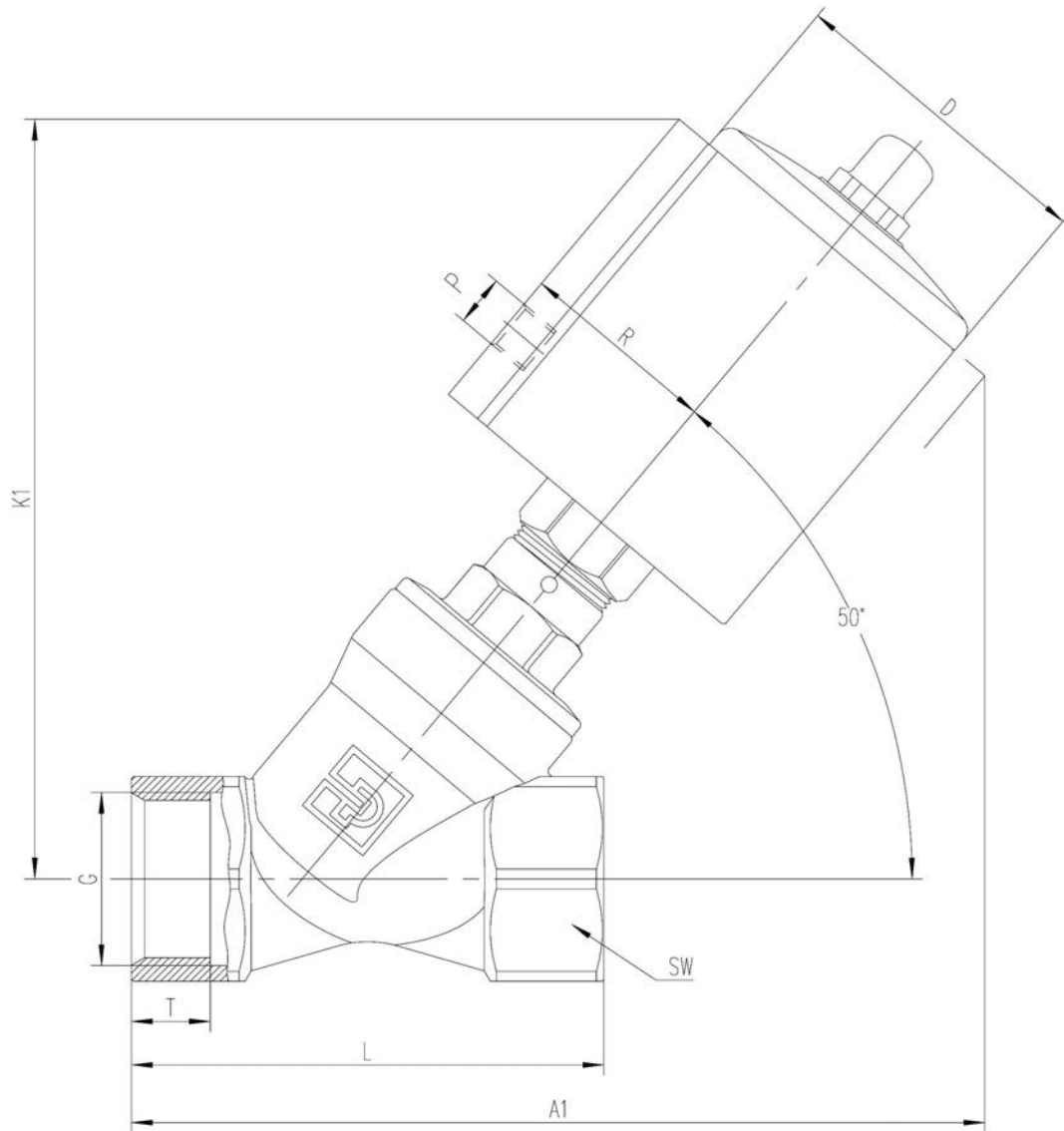
Sizes 40, 50, 63, 80, 100 mm



Type	Actuator	D	R	P	K1	A1	G	L	T	SW	
DN10	40	50.5	27	G1/8	116	121	G3/8	60	10	22	hexagon
	50	62	34	G1/8	130	133	G3/8	60	10	22	hexagon
DN15	40	50.5	27	G1/8	118	124	G1/2	65	11.5	25	hexagon
	50	62	34	G1/8	131	135	G1/2	65	11.5	25	hexagon
DN20	50	62	34	G1/8	134	141	G3/4	75	14	31	hexagon
DN25	50	62	34	G1/8	141	153	G1	90	15	39	hexagon
	63	77	41.5	G1/8	164	175	G1	90	15	39	hexagon
DN32	63	77	41.5	G1/8	170	188	G1-1/4	110	18	50	octagon
	80	98	52	G1/4	184	205	G1-1/4	110	18	50	octagon
DN40	63	77	41.5	G1/8	181	201	G1-1/2	120	18	56	octagon
	80	98	52	G1/4	195	217	G1-1/2	120	18	56	octagon
	100	121	63	G1/4	213	235	G1-1/2	120	18	56	octagon
DN50	63	77	41.5	G1/8	189	216	G2	150	22	68	octagon
	80	98	52	G1/4	203	233	G2	150	22	68	octagon
	100	121	63	G1/4	221	250	G2	150	22	68	octagon
DN65	100	121	63	G1/4	248	285	G2-1/2	180	25	85	octagon

SERIES PA Drawings and Dimensions**Aluminum Actuators**

Sizes 50, 63, 80, 100 mm

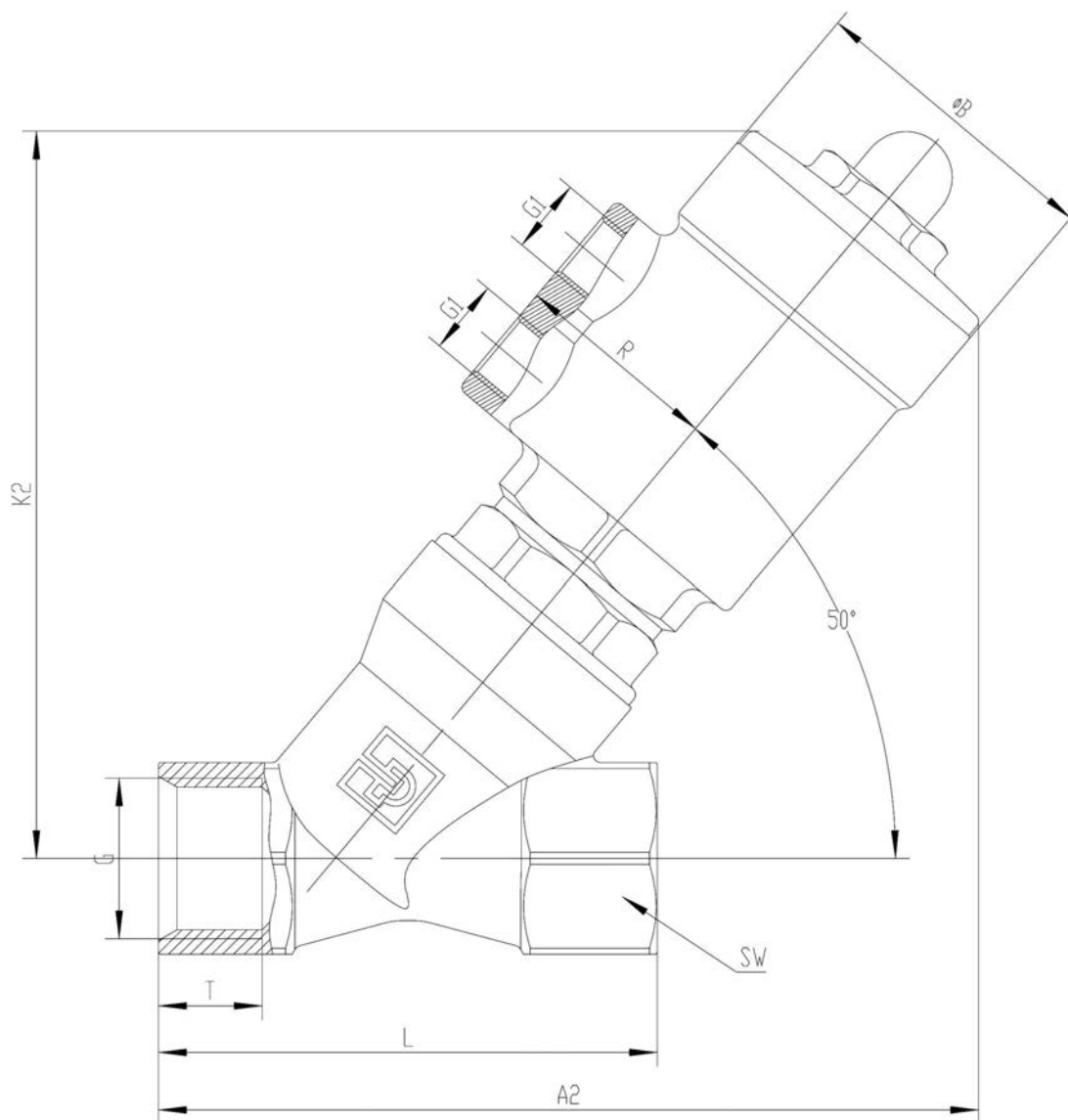


Type	Actuator	D	R	P	K1	A1	G	L	T	SW	
DN10	50	61	38	G1/8	132	141	G3/8	60	10	22	hexagon
DN15	50	61	38	G1/8	133	144	G1/2	65	11.5	25	hexagon
DN20	50	61	38	G1/8	136	150	G3/4	75	14	31	hexagon
DN25	50	61	38	G1/8	144	162	G1	90	15	39	hexagon
	63	75	45	G1/8	167	183	G1	90	15	39	hexagon
DN32	63	75	45	G1/8	173	196	G1-1/4	110	18	50	octagon
	80	94	54	G1/4	192	214	G1-1/4	110	18	50	octagon
DN40	63	75	45	G1/8	184	209	G1-1/2	120	18	56	octagon
	80	94	54	G1/4	203	226	G1-1/2	120	18	56	octagon
	100	115	64	G1/4	223	245	G1-1/2	120	18	56	octagon
DN50	63	75	45	G1/8	192	224	G2	150	22	68	octagon
	80	94	54	G1/4	211	242	G2	150	22	68	octagon
	100	115	64	G1/4	231	260	G2	150	22	68	octagon
DN65	100	115	64	G1/4	257	294	G2-1/2	180	25	85	octagon

SERIES PA Drawings and Dimensions

Stainless Steel Actuators

Sizes 32 mm



Type	Actuator	ϕB	R	G1	K2		A2		G	L	T	SW	
					F32-H	F32-L	F32-H	F32-L					
DN10	32	39.6	27	G1/8	107	94	117	106	G3/8	60	10	22	hexagon
DN15	32	39.6	27	G1/8	109	96	119	108	G1/2	65	11.5	25	hexagon
DN20	32	39.6	27	G1/8	112	100	126	115	G3/4	75	14	31	hexagon