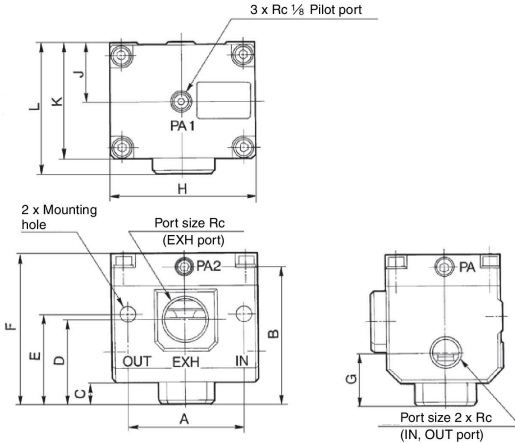


Flow Rate Characteristics/Weight

Valve model	Port size		Flow rate characteristics						Weight (kg)
			1→2(IN→OUT)			2→3(OUT→EXH)			
	1(IN), 2(OUT)	3(EXH)	C[dm ³ /(s·bar)]	b	Cv	C[dm ³ /(s·bar)]	b	Cv	
VPA3145	3/8	3/4	19	0.43	5.5	18	0.47	5.4	
	1/2		23	0.32	6.2	42	0.39	5.8	
	3/4		28	0.36	7.6	26	0.35	7.0	

Valve model	Port size		Effective area (mm ²)		Weight (kg)
	1(IN), 2(OUT)	3(EXH)	1→2(IN→OUT)	2→3(OUT→EXH)	
VPA3165	3/4	1 1/4	230	280	1.5
	1		280	310	
	1 1/4		310	330	
	1 1/4		570	650	
VPA3185	1 1/2	2	650	670	2.3
	2		650	670	

Dimensions



Model	Port size Rc		A	B	C	D	E	F	G	H	J	K	L	Mounting hole
	IN, OUT	EXH												
VPA3145	3/8	3/4	71	85	14	52	55	93	32	87.4	36	71	80	ø8.5
	1/2													
	3/4													
VPA3165	1	1 1/4	82.6	110	17	68	75	118	45	113	36	71	95	ø8.5
	1 1/4													
	1 1/4													
VPA3185	1 1/2	2	118	132	14	80	95	140	52	140	41	81	105	ø13
	2													

- SYA
- SYJA
- VZA
- VFA
- VFRA
- VPA4
- SYJA
- VZA
- VTA
- VGA
- VPA
- VPA3