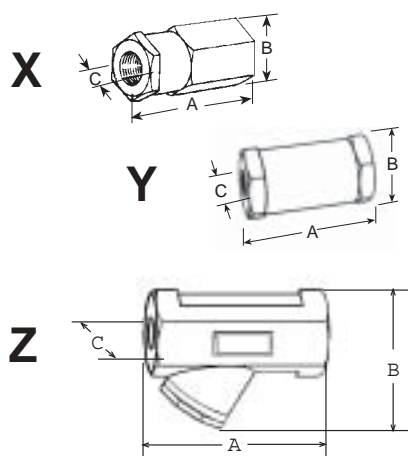


Check and Shuttle Valves

Check Valves

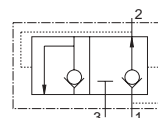
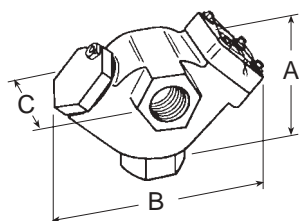


Valve Type	Port Size	Valve Model Number	Avg. C _v	Dimensions inches (mm)			Weight lb. (kg)	
				A	B	C		
X	1/8	1968D1005	0.5	2.7 (67)	1.2 (29)	1.0 (25)	0.5 (0.2)	
	1/4	1968D2005	0.5					
Y	1/4	1968D2001	2.9	2.8 (71)	1.6 (40)	1.4 (35)	0.5 (0.2)	
	3/8	1968D3001	3.7	2.8 (71)	1.6 (40)	1.4 (35)		
	1/2	1968D4001	3.9	3.7 (94)	1.5 (40)	1.4 (35)		
	1/2	1968A4107	5.2					
	3/4	1968A5107	8.6	4.8 (122)	3.2 (81)	1.8 (46)		0.9 (0.4)
Z*	1	1968A6117	8.3				2.0 (0.9)	
	1	1968A6107	17					
	1-1/4	1968A7107	22	5.4 (137)	4.3 (109)	2.3 (58)		
	1-1/2	1968A8117	22					
	1-1/2	1968A8107	50					
	2	1968A9107	50	7.5 (191)	5.7 (145)	3.5 (89)		4.7 (2.1)
	2-1/2	1968A9117	50					

Check valves permit air flow in one direction, and are closed in the opposite direction.



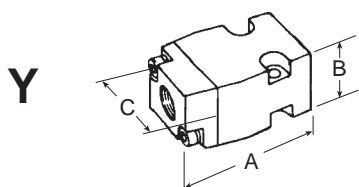
Quick Exhaust Check Valves



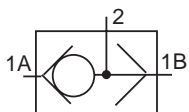
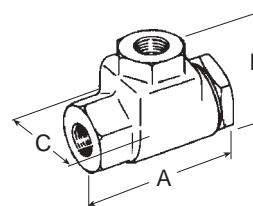
Port Size In-Out	Exh.	Valve Model Number	Avg. C _v		Dimensions inches (mm)			Weight lb. (kg)
			In-Out	Out-Exh.	A	B	C	
3/8	1/2	1868A3005	2.9	3.4	3.2 (81)	4.7 (119)	2.0 (51)	1.0 (0.5)
1/2	1/2	1868A4005	2.9	3.4	3.2 (81)	4.7 (119)	2.0 (51)	1.0 (0.5)
3/4	1	1868A5005	7.2	10	4.3 (110)	6.5 (165)	2.6 (65)	2.5 (1.1)
1	1	1868A6005	7.2	10	4.3 (110)	6.5 (165)	2.6 (65)	2.5 (1.1)

Shuttle Valves

ROSS shuttle valves have two inlets and one outlet. The first inlet to be pressurized is connected to the outlet, and the second inlet is then closed. Thus, a pneumatic device connected to the shuttle outlet can be operated by either of two control valves connected to the shuttle inlets.



Z



Valve Type	Port Size	Valve Model Number	Average C _v	Dimensions inches (mm)			Weight lb. (kg)
				A	B	C	
Y	1/8	1968D1006	1.1	2.12 (54)	1.06 (27)	1.90 (48)	0.3 (0.1)
	1/4	1968D2006	1.6	2.12 (54)	1.06 (27)	1.90 (48)	0.3 (0.1)
Z	1/4	1968D2003	2.0	2.64 (67)	2.13 (54)	1.25 (32)	0.8 (0.4)
	3/8	1968D3003	3.0	2.64 (67)	2.13 (54)	1.25 (32)	0.8 (0.4)

IMPORTANT NOTE

Please read carefully and thoroughly all of the **CAUTIONS** on page 89.

STANDARD SPECIFICATIONS: For valves on this page.
Ambient/Media Temperature: 40° to 175°F (4° to 80°C).
Flow Media: Filtered air. 5 micron recommended.
Inlet Pressure: 15 to 150 psig (1 to 10 bar).
Signal Pressure: Must be equal to or greater than inlet.