

CHV-Series, Check Valve



CHV-Series check valves are used in fluid systems to permit free flow of air in one direction (forward flow) and prevent flow in the opposite direction (reverse flow) only, as indicated by an arrow stamped on the valve body.

Symbol



HOW TO ORDER

CHV — —

Check Valve **Connection** **Port Option**

18 = 1/8", 28 = 1/4" None = Female to Female

38 = 3/8", 48 = 1/2" MF = Male (IN) to Female (OUT)

SPECIFICATIONS

ITEM	MODEL	CHV-18	CHV-28	CHV-38	CHV-48
CONNECTION	NPT	1/8"-27	1/4"-18	3/8"-18	1/2"-14
FLUID		AIR			
LENGTH	IN. (mm)	1-37/44" (40.0)	1-31/32" (50.0)	2-9/32" (58.0)	2-39/64" (66.0)
HEX	IN. (mm)	9/16" (14.0)	43/64" (17.0)	3/4" (19.0)	63/64" (25.0)
EFFECTIVE AREA	Cv (mm ²)	1.22 (22.51)	2.00 (36.90)	2.50 (46.13)	3.80 (70.11)
MATERIAL	BODY	NICKEL-PLATED BRASS (Ni-Cu)			
	VALVE	NICKEL-PLATED BRASS (Ni-Cu)			
	SPRING	STAINLESS STEEL			
	O-RING	BUNA "N"(NBR)			
CRACKING PRESSURE		5 PSI			
OPERATING PRESSURE		5 ~ 213 PSIG (0.3 ~ 15.0 kg/cm ²)			
OPERATING TEMPERATURE		41° ~ 140°F (5° ~ 60°C)			
WEIGHT	OZ.	1.38	2.33	2.79	5.96