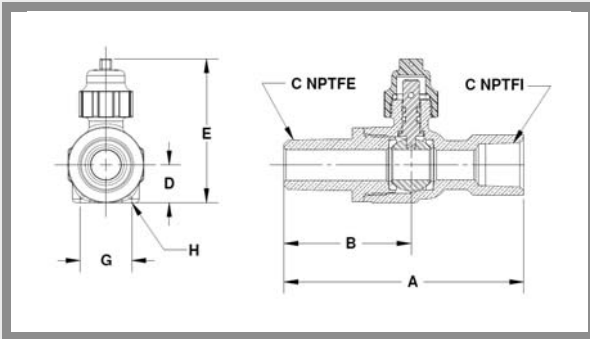


## For Relief Valves



Ball isolation valves for relief valves (BIR) are designed to ensure that there is no flow restriction created during normal operation with the attached relief valve or rupture disc assembly, while providing complete isolation of the circuit when necessary for routine maintenance or replacement.

Depending on specific local or country codes, BIR valves can be used for relief valve isolation as long as they are supplied in an open position as certified by the manufacturer. In accordance with this requirement, valves are only provided in the open position with a sealed safety wire around the cap assembly. Valves can only be shut off by removing the sealed safety wire and cap assembly, which should only be performed by authorized service personnel who must then replace the sealed safety wire assembly with their own identifiable method.



### Features:

- Maximum working pressure (PS): 700 psig, 48 bar
- Working temperature range (TS): -40°F/300°F, -40°C/149°C
- Compatible with all CFC, HCFC and HFC refrigerants and oils
- No flow restrictions to the attached relief valve circuit
- Full isolation of relief valve circuit for maintenance or replacement
- Various connections available
- Multiple cap options
- Tamper-proof wire lock

Part Number	Size in	Cv	Kv	A		B		D		E		G		H	Port (in)	Wt	
				in	mm	in	mm	in	mm	in	mm	in	mm			lb	kg
B 35171C	1/2 NPTFE X 1/2 NPTFI	4.60	4	3.94	100	2.08	53	0.65	17	2.39	61	0.87	22	M4 X 0.7	0.50	0.70	0.32
B 35172	1 NPTFE X 1 NPTFI	10.90	9	5.24	133	2.80	71	0.88	22	3.05	77	1.18	30	M4 X 0.7	0.75	1.87	0.85