

CHECK VALVE

For vacuum or pressure

For gas or liquid



All Brass

Series NRVBR50

1/2 inch nominal

This device allows high vacuum flow in one direction while preventing return flow in the other direction. This device can be used as a non-return valve for maintaining vacuum or low to medium pressures in vessels. It can also be used as a directional fluid control device for low to medium pressure liquid systems. The brass construction allows the device to be used in very corrosive environments. The large 1/2 NPT porting and the large internal orifice provide impressive flow rates. The low mass gate allows any mounting position. The unit can be rebuilt using simple tools.

Specifications:

Outside Diameter:	38mm (1.50")
Overall Length:	50mm (2.00")
Porting (2):	1/2 NPT female
Flats:	30mm (1-1/8")
Orifice Diameter:	12mm (1/2")
Maximum Vacuum:	10 torr (29.5 in-Hg)
Minimum Vacuum:	730 torr (1 in-Hg)
Maximum Pressure:	3.5 bar (50psi)
Cracking Pressure:	Approaching Zero
Body Material:	360 Brass
Check gate material	Fiber reinforced neoprene
Seat Material:	360 Brass

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