

QUICK RELEASE COUPLING (QRC) SINGLE CHECK VALVE / DOUBLE CHECK VALVES



QRC-VV



QRC-V



QRC-T



Used in :

COMPRESSED AIR, HYDRAULIC FLUIDS, VACUUM, REFRIGERANTS, STEAM, WATER,
LIQUID AMMONIA, VARIOUS GASES, LIQUIDS, PHOSPHORIC ACID SERVICES

FOR FAST, POSITIVE, LEAKPROOF CONNECTIONS

INSTANT CONNECTIONS-WITHOUT THREADING OR TWISTING-WITHOUT TOOLS-WITHOUT
STRAINS WITHOUT SWEAT IN SECONDS

Manufactured by :

AAYUSH ENTERPRISES

REGD. OFFICE: 5, DAYASHANKAR SOCIETY, HANUMAN NAGAR, KURAR VILLAGE,
NEAR JAIN MANDIR, MALAD (E), MUMBAI - 400 097, MAHARASHTRA

CONTACT NO.: +91 9702740446 / 9172833822

Email: aayush.7ent@gmail.com / jagdishkambli2010@gmail.com

SINGLE CHECK VALVE / DOUBLE CHECK VALVES QRC

1. PRINCIPLE :

QRC works on simple 'PUSH & PULL' principle. The adaptor when pushed into coupler is securely held by the self locking arrangement resulting in a positive and leak proof connection. This action simultaneously opens the valve and the fluid flow starts. To disconnect, pull back the sleeve of the coupler, the adaptor eject out and the valve shuts off automatically.

2. MATERIALS :

QRC are manufactured from selected raw materials under strict quality control.

| | |
|---------------|--|
| Body | : (i) Available in Brass, Carbon Steel, (From Bar Stock & Chromium Plated). (ii) Available in Aluminium, S.S. 304, S.S. 316, S.S. 316L (From Bar Stock Only). |
| SPRING | : Available in Spring Steel, S.S. 304 and S.S. 316. |
| BALL | : Available in Steel, S.S. 304, S.S. 316, and S.S. 316L. |
| SEAL MATERIAL | : Available in - Nitrile, Viton, Neoprene, Silicon, Hypalon, etc. |

3. **END CONNECTION** : Socket welding, hose thread, pipe thread, hose shank and flangea.

4. **TYPES** : Type - VV Double Check Valve QRC Type - V Single Check Value QRC
Type - T Without Check Valve QRC

5. **SIZE** : 1/8" (3mm) to 4" (100mm) depending on types and materials.

6. **TEMPERATURE** : QRC can handle fluids from - 25°C to 250°C to with right selection of body and seal materials.

7. **DUTY CONDITION** : QRC are manufactured to suit six pressure limits as under:
(I) 20 kg./cm.² or 300 psi. (ii) 35 kg./cm.² or 500 psi.
(iii) 70 kg./cm.² or 1000 psi. (iv) 205 kg./cm.² or 3000psi.
(V) 275 Kg./cm.² or 4000 psi (vi) 350 kg./cm.² or 500 psi

8. APPLICATION:

Wide application on fluids line connections like Air, Steam, Gases, Liquids, Oil etc. Used in FERTILIZER, CHEMICAL, PETROLEUM, FURNACES. TEXTILE MACHINES, MACHINE TOOLS, REFRIGERATIONS & MANY MORE INDUSTRIES.

