

BC-08 Series Inline Breakaway Coupling

- High Flow for Bus and Truck Filling
- 1/2" Nominal Bore
- Tool-Free Reconnection
- Complies with ANSI/IAS NGV 4.4 / CSA 12.54¹
- Certified to 2010/35/EU, TPED and ADR para 6.7.4.5.8 and PED 2014/68/EU, CE
- Safe-Break - Low Discharge Disconnection



A system is limited by its most restrictive component, which is why couplings with high flow capacity are so important. Eclipse Breakaways allow operators to fully utilize larger bore hoses and couplings without constricting the flow with an undersized breakaway. Especially designed for high flow NGV filling such as trucks, buses and mobile storage units.

Safe-Break Technology minimizes the amount of gas released on disconnection, resulting in quieter disconnection and lower ejection forces, reducing risk to personnel and equipment. Disconnection force also remains constant throughout the pressure range, ensuring safe and reliable operation.

The tool-free reconnection process greatly reduces down-time caused by complex reconnection processes which are often required by other major brands. The protective shield prevents damage to the coupling in the event of a drive-away.

Model	Ports	Cv	MAWP ²	Weight	Length	Disconnect Force
BCN-081	1/2" NPT	3.7	345 bar 5000psi	1.1kg 2.4lb	144mm 5.7"	450N 100lbf
BCN-128	3/4" NPT					
BCS-128	-12 SAE					

- Operating Temperature -40°C to +85°C (-40°F to 185°F)
- 304 Stainless Steel Components
- Nitrile and PTFE seals standard
- Adapters available to fit any hose connection
- Use with Eclipse VC or VQ series hose couplings for best results
- Seals available for compatibility with most gases and fluids
- Optional shield

Please supply the following information when ordering

Flow Medium
 Port Type Required
 Operating Temperature Range
 Max System Pressure
 Shield requirement

Seal Kit Part Number: BC-08-SK

Certification Number: TI-16-TPED-0035

¹ Probe vent orifice optional – orifice not recommended for decanting situations.

² MAWP 450bar available if PED certification not required.