

For Air

Rotary Full-Blow Line Cupla

Free rotating branch air line coupling with small pressure loss & high flow rate

Working pressure



1.5 MPa
(15 kgf/cm²)

Valve structure

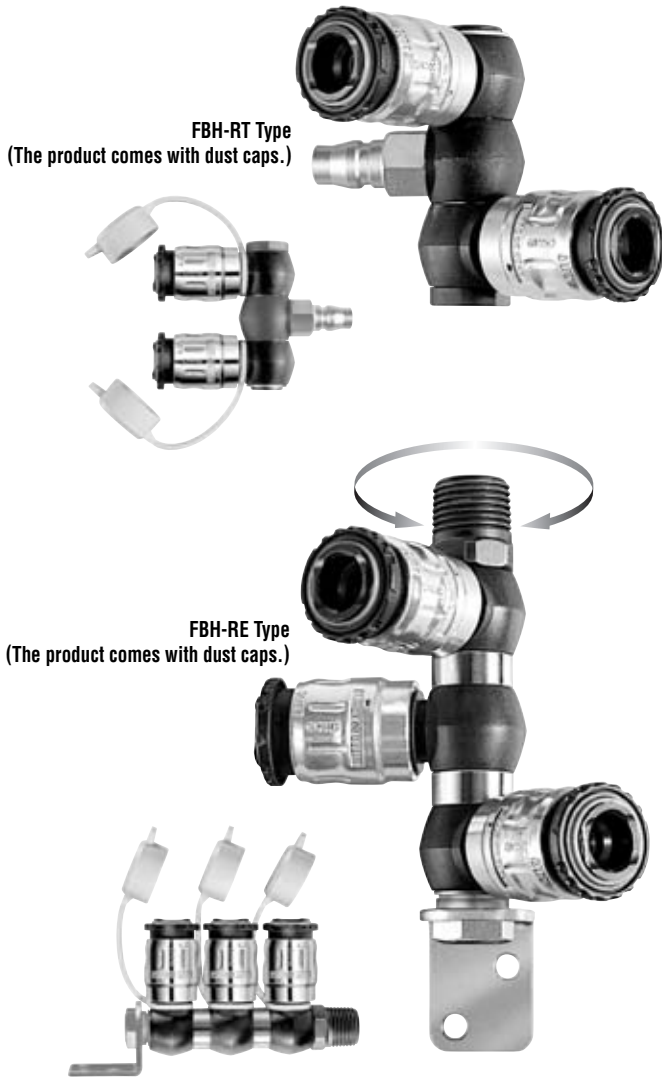


One-way shut-off

Applicable fluid



Air



FBH-RT Type
(The product comes with dust caps.)

FBH-RE Type
(The product comes with dust caps.)

Each air outlet can be turned freely to any angle independently.

- Offers you multiple outlets from single air supply source.
- Choose either RT type (2 outlets) or RE type (3 outlets) to suit your application.
- The flow rate increases by 40% to 50% over that of conventional Cuplas.
- During the connection or disconnection, the valve is closed and connection / disconnection can be made under zero line pressure.
- When the sleeve of socket is returned to the original position, the purge mechanism releases the residual pressure inside the plug eliminating unpleasant pop and hose whipping motion.
- Built-in sleeve lock mechanism prevents unexpected disconnection of Cuplas, assuring safe operation.
- The valve can be opened and closed while the socket and plug is connected.

Specifications

Body material	Zinc alloy			
Size	RT type (For double outlets)		RE type (For triple outlets)	
	Inlet	1/4" Hi Cupla (20PFF)	Inlet	R 1/2
	Outlet	Full-Blow Cupla	Outlet	Full-Blow Cupla
Working pressure MPa (kgf/cm ²)	1.5 {15}			
Pressure resistance MPa (kgf/cm ²)	2.0 {20}			
Seal material	Nitrile rubber	NBR (SG)	-5°C~+60°C	Standard material
Working temperature range				

• The product comes with dust caps.

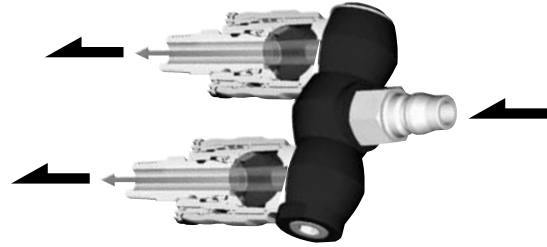
Max. Tightening Torque (FBH-RE Type)

N·m (kgf·cm)

30 (306)

Flow Direction

Fluid must run from the inlet port to the outlet ports.



Interchangeability

Can be connected with plugs of Hi Cupla Models 20, 30 and 40. Interchangeable with each corresponding Hi Cupla Series models. (Cannot be interchangeable with some plastic Hi Cupla plugs.)

Min. Cross-Sectional Area

(mm²)

44.2

Suitability for Vacuum

Not suitable for vacuum application in either connected or disconnected condition.

Pressure - Flow Rated Characteristics (Comparison with Rotary Line Cupla)

[Test conditions] •Fluid : Air •Temperature : Room temperature •Plug : 20PM

