

Parker Product Datasheet



Dry break quick coupling system with nominal diameter 9 for fluid and gas handling applications in sensitive environments up to 15 bar. Available made of brass or stainless steel.

PART NUMBER: 209KLIW26MPN
CONNECTION TYPE: Female BSPP
BODY MATERIAL: Brass
FUNCTION: Dry-break
CONNECTION SIZE: G 3/4
COUPLING HALF: Coupler

PRODUCT OVERVIEW

Parker's dry break coupling system has been developed for applications in sensitive environments, for example in analysis technology, in cooling systems, in transport systems and many applications with aggressive media.

This coupling system with single-hand operation has extremely low leakage rates and minimal dead space volume. The design allows absolutely no air pockets when coupling and only a barely noticeable film of the medium being channeled on the valve bodies when uncoupling.

Markets:

- Life Science
- Process
- Electronic Cooling
- Industrial
- Food & Beverage

Features/Benefits:

- Dry break – extremely low dead volume remaining
- Single-handed operation for easy and fast connection
- Ergonomic sleeve shape for easy handling
- Low connecting forces
- Valve body protected by collar design
- Clean, deposit free surface (RZ16)
- High vacuum rating

Applications:

- Laboratory Gas Supply
- Cooling of Electronic Components
- Vacuum Applications
- Food and chemical processing
- Water and coolant lines
- Thermal Management

TECH SPECIFICATIONS

DIVISION	Low Pressure Connectors Europe Division
CONNECTION TYPE	BSPP
MAXIMUM OPERATING TEMPERATURE	100 °C
MINIMUM OPERATING TEMPERATURE	-20 °C
COMPATIBLE FITTING	Series 209 Plug
FUNCTION	Dry-Break (Double Shut-Off)
VALVE INCLUDED	Yes
VALVE TYPE	Non-Spill
APPLICATION	Laboratory Gas Supply
BRAND	Rectus
INDUSTRY	Electronic Cooling

OUTSIDE DIAMETER	33 mm
DIAMETER	9 mm (nominal)
CONNECTION TYPE	Female
APPLICATION	Cooling of Electronic Components
MAXIMUM OPERATING PRESSURE	218 psi
INDUSTRY	Process
TECHNOLOGY	Fluid and Gas Handling
APPLICATION	Vacuum Applications
MINIMUM OPERATING TEMPERATURE	-4 °F
INDUSTRY	Life Science
CONNECTION SIZE	G 3/4
INDUSTRY	Industrial
QUANTITY PER BOX	2.0
OPERATION TYPE	Sleeve
APPLICATION	Water and coolant lines
INDUSTRY	Food & Beverage
WEIGHT	0.36 kg
REGION OF ORIGIN	Germany
PLATING TYPE	Nickel-Plated
PRODUCT TYPE	Application Based Quick Couplings
MAXIMUM OPERATING TEMPERATURE	212 °F
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
HEX SIZE	32 mm
COUPLING HALF	Coupler
BODY MATERIAL	Brass
APPLICATION	Food and chemical processing

INTERCHANGE TYPE	Parker Profile
PRODUCT SERIES	Series 209
LENGTH	94 mm
PRODUCT STYLE	Quick Connect
DIVISION	Low Pressure Connectors Europe Division
BRAND	Parker
FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)
APPLICATION	Thermal Management
FLOW RATE	27 L/min (water)
SLEEVE MATERIAL	Brass
SLEEVE TYPE	n/a
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
MAXIMUM OPERATING PRESSURE	15 bar
SEAL MATERIAL	NBR