Parker Product Datasheet



Dry break quick coupling system with nominal diameter 6 for fluid and gas handling applications in sensitive environments up to 15 bar. Available made of brass or stainless steel.

PART NUMBER: 206KLIW17MPN
COUPLING HALF: Coupler
FUNCTION: Dry-break
BODY MATERIAL: Brass
CONNECTION TYPE: Female BSPP
CONNECTION SIZE: G 3/8

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

DIAMETER	6 mm (nominal)
LENGTH	68.5 mm
INDUSTRY	Life Science
APPLICATION	Laboratory Gas Supply
VALVE TYPE	Non-Spill
BODY MATERIAL	Brass
INTERCHANGE TYPE	Parker Profile
BRAND	Rectus
APPLICATION	Thermal Management
COUPLING HALF	Coupler
FOR FLUID TYPE	chemicals (Paitns, solvents, lubricants)
SLEEVE MATERIAL	Brass

VALVE INCLUDED	Yes
HEX SIZE	22 mm
INDUSTRY	Process
COMPATIBLE FITTING	Series 206 Plug
FUNCTION	Dry-Break (Double Shut-Off)
OPERATION TYPE	Sleeve
MAXIMUM OPERATING TEMPERATURE	212 °F
MAXIMUM OPERATING PRESSURE	218 psi
APPLICATION	Water and coolant lines
REGION OF ORIGIN	Germany
INDUSTRY	Industrial
APPLICATION	Cooling of Electronic Components
CONNECTION TYPE	Female
PLATING TYPE	Nickel-Plated
SEAL MATERIAL	NBR
INDUSTRY	Food & Beverage
QUANTITY PER BOX	2.0
CONNECTION SIZE	G 3/8
INDUSTRY	Electronic Cooling
APPLICATION	Vacuum Applications
TECHNOLOGY	Fluid and Gas Handling
DIVISION	Low Pressure Connectors Europe Division
MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)
DIVISION	Low Pressure Connectors Europe Division
WEIGHT	0.151 kg

PRODUCT SERIES	Series 206
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
OUTSIDE DIAMETER	25.5 mm
MAXIMUM OPERATING PRESSURE	15 bar
CONNECTION TYPE	BSPP
PRODUCT TYPE	Application Based Quick Couplings
SLEEVE TYPE	n/a
FLOW RATE	8.9 L/min (water)
PRODUCT STYLE	Quick Connect
APPLICATION	Food and chemical processing
MINIMUM OPERATING TEMPERATURE	-4 °F
BRAND	Parker
MAXIMUM OPERATING TEMPERATURE	100 °C