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: 206KLIW21MPN
COUPLING HALF: Coupler
BODY MATERIAL: Brass
CONNECTION TYPE: Female BSPP
FUNCTION: Dry-break
CONNECTION SIZE: G 1/2

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

SLEEVE TYPE	n/a
INTERCHANGE TYPE	Parker Profile
APPLICATION	Food and chemical processing
PRODUCT SERIES	Series 206
BRAND	Rectus
APPLICATION	Laboratory Gas Supply
INDUSTRY	Electronic Cooling
APPLICATION	Water and coolant lines
INDUSTRY	Food & Beverage
WEIGHT	0.159 kg
APPLICATION	Cooling of Electronic Components
MAXIMUM OPERATING PRESSURE	218 psi

INDUSTRY	Process
MAXIMUM OPERATING TEMPERATURE	212 °F
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
APPLICATION	Thermal Management
BRAND	Parker
OPERATION TYPE	Sleeve
QUANTITY PER BOX	2.0
PLATING TYPE	Nickel-Plated
REGION OF ORIGIN	Germany
DIVISION	Low Pressure Connectors Europe Division
PRODUCT STYLE	Quick Connect
TECHNOLOGY	Fluid and Gas Handling
FUNCTION	Dry-Break (Double Shut-Off)
VALVE TYPE	Non-Spill
MINIMUM OPERATING TEMPERATURE	-20 °C
CONNECTION TYPE	Female
DIVISION	Low Pressure Connectors Europe Division
COUPLING HALF	Coupler
BODY MATERIAL	Brass
MAXIMUM OPERATING PRESSURE	15 bar
OUTSIDE DIAMETER	25.5 mm
FLOW RATE	8.9 L/min (water)
CONNECTION TYPE	BSPP
FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)
COMPATIBLE FITTING	Series 206 Plug
INDUSTRY	Industrial

CONNECTION SIZE	G 1/2
FOR FLUID TYPE	chemicals (Paitns, solvents, lubricants)
PRODUCT TYPE	Application Based Quick Couplings
HEX SIZE	24 mm
VALVE INCLUDED	Yes
LENGTH	71.5 mm
DIAMETER	6 mm (nominal)
MAXIMUM OPERATING TEMPERATURE	100 °C
SLEEVE MATERIAL	Brass
INDUSTRY	Life Science
APPLICATION	Vacuum Applications
MINIMUM OPERATING TEMPERATURE	-4 °F
SEAL MATERIAL	NBR