

Parker Product Datasheet



This Fittings range dedicated to lubrication and vacuum systems, combines very high performance and manual connection.

This technology secures the connection and sealing performance, even at high pressure.

PART NUMBER: 6179 04 57

CONNECTION 1 THREAD SIZE: M8x1.25

CONNECTION 1 TYPE: Metric

PRODUCT TYPE: Stud Fittings

CONNECTION 2 TUBE OUTSIDE DIAMETER: 4 mm (O.D.)

SHAPE: Elbow 90° - Male Stud Fixed Thread

PRODUCT OVERVIEW

This Fittings range dedicated to lubrication and vacuum systems, combines very high performance and manual connection.

This technology secures the connection and sealing performance, even at high pressure.

Features/Benefits:

- Robust

- Designed for mechanically demanding environments
- Excellent pressure and temperature resistance
- Stamped brass forgings for increased service life

- Secure & Reliable

- Perfect sealing guaranteed by the three rings
- The two sealing O-rings positioned before the gripping ring endure no scratching on the tube in the sealing area
- Manual connection for time-saving
- No Fluid loss
- Tube cannot be disconnected without the use of a spanner
- Up to 60 bar with rigid polymer or grooved metal tubing
- 100% leak-tested in production

Markets:

- Machine Tools
- Primary Metal Refining & Processing
- Miscellaneous Manufacturing
- Construction Equipement
- Transportation

Applications:

- Industrial Fluids Conveying at Medium Pressure
- Lubrication
- Measurement Systems
- Suitable for Vacuum Applications

Technologies:

- Brass Fittings
- Lubrication Fittings
- Push-In Fittings
- Push-to-Connect Fittings
- Pneumatic Fittings
- Instant Fittings
- Quick Fittings
- Connectors

Technical Characteristics:

- Fluids: Lubricants, Compressed Air, Vacuum, other fluids and compatible gases

- Materials: Brass, NBR
- Pressure: Vacuum to 60 bar
- Temperature: -20°C to +120°C
- Ø metric: 4-10 mm

Regulations:

- DI: 97/23/EC (PED)
- DI: 2002/95/EC (RoHS), 2011/65/EC
- DI: 94/9/EC (ATEX)
- RG: 1907/2006 (REACH)

Product Types:

- Stud Fittings
- Stud Elbow
- Equal Tee
- Tube-to-Tube Connector
- Copper Washer

TECH SPECIFICATIONS

APPLICATION	Measurement Systems
APPLICATION	Transportation
SPECIFICATIONS MET	RoHS DI: 2002/95/EC
APPLICATION	Lubrication
SPECIFICATIONS MET	REACH DI: 1907/2006
FOR FLUID TYPE	Lubricants
FOR FLUID TYPE	Other Fluids
FOR FLUID TYPE	Compatible Gases
WEIGHT	0.014 kg
DIVISION	Low Pressure Connectors Europe Division
FOR FLUID TYPE	Compressed Air

MAXIMUM OPERATING PRESSURE	60 barg
SEAL MATERIAL	NBR (O-Ring)
FOR FLUID TYPE	Vacuum
MAXIMUM OPERATING TEMPERATURE	120 °C
QUANTITY PER BOX	10
BODY MATERIAL	Brass
APPLICATION	Industrial Machinery
SPECIFICATIONS MET	RoHS 2011/65/EC
MINIMUM OPERATING TEMPERATURE	-40 °C
SPECIFICATIONS MET	ATEX DI: 94/9/EC
APPLICATION	Industrial Vacuum
SPECIFICATIONS MET	PED DI: 97/23/EC
APPLICATION	Construction Equipment