Parker Product Datasheet



Premium quick coupling system with nominal diameter 10 for pneumatic and fluid handling applications up to 35 bar. Coupling system with the largest standard European profile. Available made of brass/steel or stainless steel.

PART NUMBER: 1700KBTF19BPN
COUPLING HALF: Coupler
CONNECTION TYPE: Hose Barb
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off
CONNECTION SIZE: 19 MM

PRODUCT OVERVIEW

Parker's 1/2' universal industrial coupling with standard European profile for use with large pneumatic consumers.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve), extremely high flow and long service life even with the harshest use. The collar design minimises damage to the valve body.

Markets:

- Machinery Construction

- Trade

- Automotive

- Life Science

- Process

- Food & Beverage

- Aerospace

- Mobile Hydraulics

- Industrial

Features/Benefits:

- UltraFlo valve for optimum flow and low pressure drop

- Higher working pressure compared to competitve products

- Single-hand operation for easy and fast connection

Applications:

- Pneumatic Power Tools

- Assembly Lines

- Air compressors

- Fluid Transfer

- Labotory Gas Supply

- Cooling of Electronic Components

- Food and chemical processing

- Water and coolant lines

- Thermal Management

TECH SPECIFICATIONS

FOR FLUID TYPE	Air & Neutral Gases
MAXIMUM OPERATING TEMPERATURE	100 °C
MINIMUM OPERATING TEMPERATURE	-4 °F
VALVE INCLUDED	Yes
WEIGHT	0.1693 kg
INDUSTRY	Electronics
FLOW RATE	1054 L/min (air)
MAXIMUM OPERATING PRESSURE	507 psi
CONNECTION SIZE	19 mm
LENGTH	79.5 mm
INDUSTRY	General Industrial
MAXIMUM OPERATING PRESSURE	35 bar
PRODUCT SERIES	Series 1700
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-20 °C
INTERCHANGE TYPE	European Profile
COMPATIBLE FITTING	Series 27 Plug
DIAMETER	10 mm (nominal)
BRAND	Rectus
MAXIMUM OPERATING TEMPERATURE	212 °F
APPLICATION	Industrial Machinery
PLATING TYPE	Nickel-Plated
SEAL MATERIAL	NBR
APPLICATION	Electronics

OPERATION TYPE	Sleeve
APPLICATION	Energy Management
BODY MATERIAL	Brass
APPLICATION	Air & Gas Compressor
REGION OF ORIGIN	Germany
COUPLING HALF	Coupler
TECHNOLOGY	Pneumatics
VALVE TYPE	Ultra High Flow Valve
PRODUCT STYLE	Quick Connect
DIVISION	Low Pressure Connectors Europe Division
HEX SIZE	24 mm
SLEEVE MATERIAL	Brass
PRODUCT TYPE	Pneumatic Quick Couplings
FUNCTION	Double Shut-Off
OUTSIDE DIAMETER	27 mm
CONNECTION TYPE	Hose Barb
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	5