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: 1700KBTF13BPN
COUPLING HALF: Coupler
CONNECTION SIZE: 13 MM
CONNECTION TYPE: Hose Barb
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off

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

SEAL MATERIAL	NBR
VALVE INCLUDED	Yes
WEIGHT	0.1713 kg
DIVISION	Low Pressure Connectors Europe Division
PRODUCT SERIES	Series 1700
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	Air & Gas Compressor
PLATING TYPE	Nickel-Plated
QUANTITY PER BOX	5
FLOW RATE	1054 L/min (air)
MINIMUM OPERATING TEMPERATURE	-20 °C
HEX SIZE	24 mm
VALVE TYPE	Ultra High Flow Valve
REGION OF ORIGIN	Germany
INDUSTRY	General Industrial
MAXIMUM OPERATING TEMPERATURE	212 °F
PRODUCT TYPE	Pneumatic Quick Couplings
DIVISION	Low Pressure Connectors Europe Division
OPERATION TYPE	Sleeve
BRAND	Parker
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Energy Management
CONNECTION TYPE	Hose Barb
INTERCHANGE TYPE	European Profile

MINIMUM OPERATING TEMPERATURE	-4 °F
SLEEVE MATERIAL	Brass
BRAND	Rectus
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Industrial Machinery
TECHNOLOGY	Pneumatics
OUTSIDE DIAMETER	27 mm
COUPLING HALF	Coupler
FUNCTION	Double Shut-Off
COMPATIBLE FITTING	Series 27 Plug
LENGTH	79.5 mm
INDUSTRY	Electronics
PRODUCT STYLE	Quick Connect
BODY MATERIAL	Brass
APPLICATION	Electronics
CONNECTION SIZE	13 mm
DIAMETER	10 mm (nominal)
FOR FLUID TYPE	Air & Neutral Gases