

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: 1700KBAW21BPN

CONNECTION SIZE: G 1/2

BODY MATERIAL: Brass

FUNCTION: Double Shut-Off

CONNECTION TYPE: Male BSPP

COUPLING HALF: Coupler

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 competitive products
- Single-hand operation for easy and fast connection

Applications:

- Pneumatic Power Tools
- Assembly Lines
- Air compressors
- Fluid Transfer
- Laboratory Gas Supply
- Cooling of Electronic Components
- Food and chemical processing
- Water and coolant lines
- Thermal Management

TECH SPECIFICATIONS

PRODUCT SERIES	Series 1700
MINIMUM OPERATING TEMPERATURE	-20 °C
APPLICATION	Air & Gas Compressor
PRODUCT TYPE	Pneumatic Quick Couplings
OPERATION TYPE	Sleeve
INDUSTRY	General Industrial
CONNECTION SIZE	G 1/2
MAXIMUM OPERATING PRESSURE	507 psi
SLEEVE MATERIAL	Brass
SEAL MATERIAL	NBR
INTERCHANGE TYPE	European Profile
MAXIMUM OPERATING TEMPERATURE	212 °F
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	5
FOR FLUID TYPE	Air & Neutral Gases
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Industrial Machinery
REGION OF ORIGIN	Germany
BRAND	Parker
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	Energy Management
VALVE TYPE	Ultra High Flow Valve
PRODUCT STYLE	Quick Connect
COUPLING HALF	Coupler

DIAMETER	10 mm (nominal)
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Electronics
TECHNOLOGY	Pneumatics
BODY MATERIAL	Brass
INDUSTRY	Electronics
BRAND	Rectus
COMPATIBLE FITTING	Series 27 Plug
FUNCTION	Double Shut-Off
OUTSIDE DIAMETER	27 mm
FLOW RATE	1054 L/min (air)
LENGTH	69.5 mm
HEX SIZE	24 mm
CONNECTION TYPE	Male
PLATING TYPE	Nickel-Plated
DIVISION	Low Pressure Connectors Europe Division
VALVE INCLUDED	Yes
WEIGHT	0.1693 kg
CONNECTION TYPE	BSPP