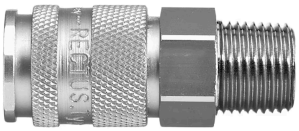
Parker Product Datasheet



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: 27KBAK17BPN
COUPLING HALF: Coupler
CONNECTION TYPE: Male BSPT
BODY MATERIAL: Brass
CONNECTION SIZE: R 3/8
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

PRODUCT SERIES	Series 27
DIVISION	Low Pressure Connectors Europe Division
DIAMETER	10 mm (nominal)
MAXIMUM OPERATING TEMPERATURE	100 °C
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Energy Management
SLEEVE MATERIAL	Brass
PRODUCT STYLE	Quick Connect
COUPLING HALF	Coupler
BRAND	Rectus
MAXIMUM OPERATING TEMPERATURE	212 °F
APPLICATION	Industrial Equipment
DIVISION	Low Pressure Connectors Europe Division
OUTSIDE DIAMETER	27 mm
OPERATION TYPE	Sleeve
INDUSTRY	Transportation
MAXIMUM OPERATING PRESSURE	35 bar
HEX SIZE	24 mm
TECHNOLOGY	Fluid & Gas Handling
BODY MATERIAL	Brass
INDUSTRY	General Industrial
APPLICATION	Trucks & Trailers
COMPATIBLE FITTING	Series 27 Plug
INTERCHANGE TYPE	European Profile
APPLICATION	Food & Beverages

CONNECTION TYPE	Male
PLATING TYPE	Nickel-Plated
VALVE INCLUDED	Yes
PRODUCT TYPE	Pneumatic Quick Couplings
MAXIMUM OPERATING PRESSURE	507 psi
INDUSTRY	Electronics
REGION OF ORIGIN	Germany
CONNECTION TYPE	BSPT
FLOW RATE	950 L/min (air)
APPLICATION	Automotive
MINIMUM OPERATING TEMPERATURE	-20 °C
BRAND	Parker
SEAL MATERIAL	NBR
VALVE TYPE	High Flow Valve
QUANTITY PER BOX	5
FUNCTION	Double Shut-Off
APPLICATION	Electronics
LENGTH	63 mm
CONNECTION SIZE	R 3/8
FLOW RATE	14 L/min (water)
FOR FLUID TYPE	Air & Neutral Gases
FOR FLUID TYPE	Water
TECHNOLOGY	Pneumatics
WEIGHT	0.1537 kg