

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: 27KAIW17MPN
COUPLING HALF: Coupler
CONNECTION SIZE: G 3/8
FUNCTION: Single Shut-Off
BODY MATERIAL: Brass
CONNECTION TYPE: Female BSPP

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

BODY MATERIAL	Brass
OUTSIDE DIAMETER	27 mm
FOR FLUID TYPE	Chemicals
VALVE TYPE	High Flow Valve
COUPLING HALF	Coupler
FUNCTION	Single Shut-Off
FLOW RATE	31 L/min (water)
OPERATION TYPE	Sleeve
QUANTITY PER BOX	5
TECHNOLOGY	Pneumatics
PLATING TYPE	Nickel-Plated
REGION OF ORIGIN	Germany
SLEEVE MATERIAL	Brass
SEAL MATERIAL	NBR
CONNECTION TYPE	BSPP
DIVISION	Low Pressure Connectors Europe Division
PRODUCT STYLE	Quick Connect
WEIGHT	0.1497 kg
FLOW RATE	2400 L/min (air)
MINIMUM OPERATING TEMPERATURE	-4 °F
VALVE INCLUDED	Yes
DIAMETER	10 mm (nominal)
INTERCHANGE TYPE	European Profile
DIVISION	Low Pressure Connectors Europe Division
TECHNOLOGY	Fluid & Gas Handling
INDUSTRY	General Industrial

LENGTH	56 mm
CONNECTION TYPE	Female
PRODUCT SERIES	Series 27
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-20 °C
PRODUCT TYPE	Pneumatic Quick Couplings
FOR FLUID TYPE	Water
FOR FLUID TYPE	Air & Neutral Gases
MAXIMUM OPERATING TEMPERATURE	100 °C
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Industrial Equipment
CONNECTION SIZE	G 3/8
APPLICATION	Air & Gas Compressor
BRAND	Rectus
COMPATIBLE FITTING	Series 27 Plug
HEX SIZE	24 mm
MAXIMUM OPERATING TEMPERATURE	212 °F
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Textile Machinery