

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: 27SBIW21RVX
CONNECTION SIZE: G 1/2
COUPLING HALF: Plug
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female BSPP
BODY MATERIAL: Stainless Steel 303

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 27
FOR FLUID TYPE	Air & Neutral Gases
FOR FLUID TYPE	Water
SLEEVE MATERIAL	Without Sleeve
WEIGHT	0.0838 kg
DIAMETER	10 mm (nominal)
BRAND	Rectus
MINIMUM OPERATING TEMPERATURE	5 °F
CONNECTION TYPE	Female
PRODUCT STYLE	Quick Connect
SEAL MATERIAL	FKM
DIVISION	Low Pressure Connectors Europe Division
COUPLING HALF	Plug
CONNECTION SIZE	G 1/2
MINIMUM OPERATING TEMPERATURE	-15 °C
VALVE INCLUDED	Yes
QUANTITY PER BOX	1
FLOW RATE	950 L/min (air)
OPERATION TYPE	No Sleeve
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Energy Management
MAXIMUM OPERATING TEMPERATURE	392 °F
INTERCHANGE TYPE	European Profile
REGION OF ORIGIN	Germany
FUNCTION	Double Shut-Off

MAXIMUM OPERATING TEMPERATURE	200 °C
BRAND	Parker
TECHNOLOGY	Pneumatics
BODY MATERIAL	Stainless Steel 303
HEX SIZE	24 mm
APPLICATION	Electronics
MAXIMUM OPERATING PRESSURE	507 psi
INDUSTRY	General Industrial
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Automotive
LENGTH	54.5 mm
INDUSTRY	Electronics
PLATING TYPE	Without Surface Treatment
APPLICATION	Trucks & Trailers
APPLICATION	Industrial Equipment
COMPATIBLE FITTING	Series 27 Coupler
INDUSTRY	Transportation
VALVE TYPE	High Flow Valve
PRODUCT TYPE	Pneumatic Quick Couplings
APPLICATION	Food & Beverages
MAXIMUM OPERATING PRESSURE	35 bar
FLOW RATE	14 L/min (water)
CONNECTION TYPE	BSPP