

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: 27SBIW17EVX
COUPLING HALF: Plug
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female BSPP
CONNECTION SIZE: G 3/8
BODY MATERIAL: Stainless Steel 316L

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

APPLICATION	Electronics
APPLICATION	Food & Beverages
DIVISION	Low Pressure Connectors Europe Division
FLOW RATE	14 L/min (water)
MINIMUM OPERATING TEMPERATURE	5 °F
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-15 °C
TECHNOLOGY	Fluid & Gas Handling
OPERATION TYPE	No Sleeve
QUANTITY PER BOX	1
SLEEVE MATERIAL	Without Sleeve
PLATING TYPE	Without Surface Treatment
DIAMETER	10 mm (nominal)
LENGTH	54.5 mm
APPLICATION	Energy Management
APPLICATION	Trucks & Trailers
BRAND	Rectus
MAXIMUM OPERATING TEMPERATURE	392 °F
VALVE INCLUDED	Yes
BODY MATERIAL	Stainless Steel 316L
INDUSTRY	Electronics
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Industrial Equipment
PRODUCT TYPE	Pneumatic Quick Couplings
VALVE TYPE	High Flow Valve

SEAL MATERIAL	FKM
PRODUCT SERIES	Series 27
INTERCHANGE TYPE	European Profile
CONNECTION SIZE	G 3/8
REGION OF ORIGIN	Germany
COUPLING HALF	Plug
INDUSTRY	Transportation
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Automotive
HEX SIZE	24 mm
FUNCTION	Double Shut-Off
DIVISION	Low Pressure Connectors Europe Division
TECHNOLOGY	Pneumatics
CONNECTION TYPE	BSPP
FOR FLUID TYPE	Water
FOR FLUID TYPE	Chemicals
COMPATIBLE FITTING	Series 27 Coupler
FOR FLUID TYPE	Air & Neutral Gases
MAXIMUM OPERATING TEMPERATURE	200 °C
INDUSTRY	General Industrial
WEIGHT	0.0912 kg
PRODUCT STYLE	Quick Connect
CONNECTION TYPE	Female
FLOW RATE	950 L/min (air)