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: 27SFTF16SXN
FUNCTION: Single Shut-Off
COUPLING HALF: Plug
BODY MATERIAL: Steel
CONNECTION TYPE: Hose Barb
CONNECTION SIZE: 16 MM

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

TECHNOLOGY	Pneumatics
WEIGHT	0.035 kg
CONNECTION SIZE	16 mm
MAXIMUM OPERATING TEMPERATURE	240 °C
PRODUCT TYPE	Pneumatic Quick Couplings
COUPLING HALF	Plug
DIVISION	Low Pressure Connectors Europe Division
FOR FLUID TYPE	Chemicals
BRAND	Rectus
MINIMUM OPERATING TEMPERATURE	-40 °C
APPLICATION	Industrial Equipment
QUANTITY PER BOX	1
FOR FLUID TYPE	Coolants
INDUSTRY	General Industrial
MAXIMUM OPERATING TEMPERATURE	464 °F
CONNECTION TYPE	Hose Barb
PRODUCT STYLE	Quick Connect
FOR FLUID TYPE	Water
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-40 °F
HEX SIZE	n/a
REGION OF ORIGIN	Germany
INTERCHANGE TYPE	European Profile
FLOW RATE	2400 L/min (air)

VALVE INCLUDED	No
PLATING TYPE	Nickel-Plated
PRODUCT SERIES	Series 27
MAXIMUM OPERATING PRESSURE	507 psi
SLEEVE MATERIAL	Without Sleeve
BODY MATERIAL	Steel
SEAL MATERIAL	Without Seal
FOR FLUID TYPE	Air & Neutral Gases
DIAMETER	10 mm (nominal)
MAXIMUM OPERATING PRESSURE	35 bar
FLOW RATE	31 L/min (water)
COMPATIBLE FITTING	Series 27 Coupler
TECHNOLOGY	Fluid & Gas Handling
VALVE TYPE	No Valve
OPERATION TYPE	No Sleeve
FUNCTION	Straight-Through
DIVISION	Low Pressure Connectors Europe Division