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: 1700KATF13SPN
COUPLING HALF: Coupler
FUNCTION: Single Shut-Off
CONNECTION SIZE: 13 MM
BODY MATERIAL: Steel
CONNECTION TYPE: Hose Barb

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 1700
INTERCHANGE TYPE	European Profile
MAXIMUM OPERATING PRESSURE	507 psi
FUNCTION	Single Shut-Off
DIVISION	Low Pressure Connectors Europe Division
CONNECTION SIZE	13 mm
APPLICATION	Energy Management
PRODUCT TYPE	Pneumatic Quick Couplings
FOR FLUID TYPE	Air & Neutral Gases
MAXIMUM OPERATING TEMPERATURE	212 °F
COMPATIBLE FITTING	Series 27 Plug
APPLICATION	Electronics
DIAMETER	10 mm (nominal)
INDUSTRY	Electronics
MAXIMUM OPERATING PRESSURE	35 bar
SLEEVE MATERIAL	Steel
MINIMUM OPERATING TEMPERATURE	-20 °C
APPLICATION	Air & Gas Compressor
REGION OF ORIGIN	Germany
OUTSIDE DIAMETER	27 mm
OPERATION TYPE	Sleeve
PRODUCT STYLE	Quick Connect
COUPLING HALF	Coupler
BODY MATERIAL	Brass
DIVISION	Low Pressure Connectors Europe Division

SEAL MATERIAL	NBR
PLATING TYPE	Nickel-Plated
VALVE INCLUDED	Yes
VALVE TYPE	Ultra High Flow Valve
QUANTITY PER BOX	10
WEIGHT	0.16 kg
CONNECTION TYPE	Hose Barb
LENGTH	80 mm
BRAND	Rectus
FLOW RATE	3580 L/min (air)
HEX SIZE	24 mm
APPLICATION	Industrial Machinery
MAXIMUM OPERATING TEMPERATURE	100 °C
TECHNOLOGY	Pneumatics
MINIMUM OPERATING TEMPERATURE	-4 °F
BRAND	Parker
INDUSTRY	General Industrial