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: 1700KAIW17SPN
COUPLING HALF: Coupler
CONNECTION SIZE: G 3/8
FUNCTION: Single Shut-Off
BODY MATERIAL: Steel
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 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

APPLICATION	Energy Management
APPLICATION	Electronics
FUNCTION	Single Shut-Off
COUPLING HALF	Coupler
CONNECTION TYPE	BSPP
LENGTH	64.5 mm
TECHNOLOGY	Pneumatics
BODY MATERIAL	Brass
PRODUCT STYLE	Quick Connect
MINIMUM OPERATING TEMPERATURE	-20 °C
REGION OF ORIGIN	Germany
OUTSIDE DIAMETER	27 mm
HEX SIZE	24 mm
SLEEVE MATERIAL	Steel
MINIMUM OPERATING TEMPERATURE	-4 °F
PRODUCT TYPE	Pneumatic Quick Couplings
OPERATION TYPE	Sleeve
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Air & Gas Compressor
DIVISION	Low Pressure Connectors Europe Division
SEAL MATERIAL	NBR
MAXIMUM OPERATING PRESSURE	35 bar
CONNECTION TYPE	Female
PLATING TYPE	Nickel-Plated
QUANTITY PER BOX	10

COMPATIBLE FITTING	Series 27 Plug
APPLICATION	Industrial Machinery
VALVE TYPE	Ultra High Flow Valve
BRAND	Rectus
MAXIMUM OPERATING TEMPERATURE	100 °C
CONNECTION SIZE	G 3/8
MAXIMUM OPERATING TEMPERATURE	212 °F
WEIGHT	0.16 kg
VALVE INCLUDED	Yes
FLOW RATE	3580 L/min (air)
INTERCHANGE TYPE	European Profile
FOR FLUID TYPE	Air & Neutral Gases
INDUSTRY	Electronics
PRODUCT SERIES	Series 1700
INDUSTRY	General Industrial
DIAMETER	10 mm (nominal)
BRAND	Parker
DIVISION	Low Pressure Connectors Europe Division