Parker Product Datasheet



Quick coupling system with nominal diameter 2.7 for pneumatic, liquids and gas applications up to 35 bar. Available in nickel-plated brass or stainless steel.

PART NUMBER: 20SBIM05MPN
COUPLING HALF: Plug
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off
CONNECTION SIZE: M5
CONNECTION TYPE: Female Metric

PRODUCT OVERVIEW

Parker’s Series 20 is a mini-industrial coupling with European profile. Coupling system with single-hand operation. High flow rate despite small dimensions.

Markets:
- Industrial
- Life Sciences
- Medical technology
- Chemistry pharmacybr/>- Electronics and energy management
- Transportation
- Machinery construction
- Automotive
- Process

Features/Benefits:

- Mini Industrial coupling
- Single hand operation for easy and fast connection
- European profile is the most representative profile worldwide

TECH SPECIFICATIONS

TECHNOLOGY	Pneumatics
PRODUCT SERIES	Series 20
BRAND	Parker
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	Industrial Machinery
PLATING TYPE	Nickel-Plated
COUPLING HALF	Plug
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
CONNECTION SIZE	M5
MINIMUM OPERATING TEMPERATURE	-20 °C
COMPATIBLE FITTING	Series 20 Coupler
VALVE TYPE	Standard Valve
WEIGHT	0.007 kg
INTERCHANGE TYPE	European Profile
MAXIMUM OPERATING TEMPERATURE	212 °F
APPLICATION	Medical
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	10.0
FOR FLUID TYPE	Water (Industrial, drinking, treated water)

BRAND	Rectus
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Food & Beverages
SLEEVE MATERIAL	Without Sleeve
SEAL MATERIAL	NBR
INDUSTRY	Healthcare & Life Sciences
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Pharma
VALVE INCLUDED	Yes
PRODUCT STYLE	Quick Connect
DIAMETER	2.7 mm (nominal)
MAXIMUM OPERATING PRESSURE	35 bar
CONNECTION TYPE	Female
FLOW RATE	130 L/min (air)
TECHNOLOGY	Fluid & Gas Handling
BODY MATERIAL	Brass
DIVISION	Low Pressure Connectors Europe Division
FLOW RATE	1.2 L/min (water)
LENGTH	26 mm
PRODUCT TYPE	Pneumatic Quick Couplings
FUNCTION	Double Shut-Off
OPERATION TYPE	No Sleeve
INDUSTRY	General Industrial
HEX SIZE	9 mm (external)
CONNECTION TYPE	Metric DIN 13
REGION OF ORIGIN	Germany