

Parker Product Datasheet



Quick coupling system with nominal diameter 4.3 up to 20 mm for fluid handling applications up to 250 bar. Coupling system with a worldwide used ISO 7241-1B profile. Available made of brass or stainless steel.

PART NUMBER: 76SBIW33EVX
CONNECTION TYPE: Female BSPP
CONNECTION SIZE: G 1
BODY MATERIAL: Stainless Steel 316L
FUNCTION: Double Shut-Off
COUPLING HALF: Plug

PRODUCT OVERVIEW

Parker's Quick Coupling Series 70 in sizes from 1/8" up to 1" with plug profile compliant with ISO 7241-1B. It's particularly suited to use with liquid media. The coupling system is developed for two-hand operation, i. e. both hands are required when coupling/uncoupling. The coupling series stands out for its high flow rates against a low pressure drop.

Markets:

- Machinery Construction
- Life Science
- Process
- Food & Beverage
- Defense
- Industrial
- Transportation

Features/Benefits:

- Coupling system according to ISO 7241-1B
- High flow rates against a low pressure drop
- Two-hand operation

Applications:

- Industrial lines
- Food and chemical processing
- Water and coolant lines
- Cleaning equipment
- Steam and some gases

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	200 °C
MAXIMUM OPERATING TEMPERATURE	392 °F
DIVISION	Low Pressure Connectors Europe Division
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MAXIMUM OPERATING PRESSURE	1450 psi
MAXIMUM OPERATING PRESSURE	100 bar
FLOW RATE	117 L/min (water)
MINIMUM OPERATING TEMPERATURE	5 °F
MINIMUM OPERATING TEMPERATURE	-15 °C
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
INDUSTRY	Fluid & Gas Handling
INDUSTRY	Industrial manufacturing equipment
REGION OF ORIGIN	Germany

HOSE INSIDE DIAMETER	n/a
CONNECTION TYPE	Female
CONNECTION TYPE	BSPP
APPLICATION	Packaging machinery
APPLICATION	HVAC
APPLICATION	Food Processing
APPLICATION	General Industrial
BRAND	Parker
BRAND	Rectus
TECHNOLOGY	Fluid & Gas Handling
CONNECTION SIZE	G 1
LENGTH	65 mm
PRODUCT STYLE	Quick Connect
BODY MATERIAL	Stainless Steel 316L
PRODUCT SERIES	Series 76
PRODUCT TYPE	Application Based Quick Couplings
PLATING TYPE	Without Surface Treatment
SLEEVE MATERIAL	Without Sleeve
HEX SIZE	41 mm
SEAL MATERIAL	FKM
OUTSIDE DIAMETER	n/a mm
WEIGHT	0.345 kg
COMPATIBLE FITTING	Coupler
FUNCTION	Double Shut-Off
VALVE TYPE	Standard Valve
OPERATION TYPE	No Sleeve
QUANTITY PER BOX	1.0

COUPLING HALF	Plug
DIAMETER	20 mm (nominal)
INTERCHANGE TYPE	ISO 7441-1 B Profile
VALVE INCLUDED	Yes