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: 74KBIW21MVX
COUPLING HALF: Coupler
CONNECTION SIZE: G 1/2
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female BSPP

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

PRODUCT SERIES	Series 74
INDUSTRY	Industrial manufacturing equipment
BRAND	Parker
INDUSTRY	Fluid & Gas Handling
DIVISION	Low Pressure Connectors Europe Division
INTERCHANGE TYPE	ISO 7241-1 B Profile
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
BRAND	Rectus
WEIGHT	0.6717 kg
DIAMETER	11 mm (nominal)
MINIMUM OPERATING TEMPERATURE	-40 °F
CONNECTION TYPE	Female
PLATING TYPE	Without Surface Treatment
QUANTITY PER BOX	5.0
MAXIMUM OPERATING TEMPERATURE	150 °C

PRODUCT TYPE	Application Based Quick Couplings
REGION OF ORIGIN	Germany
OUTSIDE DIAMETER	44.5 mm
BODY MATERIAL	Brass
MINIMUM OPERATING TEMPERATURE	-40 °C
VALVE INCLUDED	Yes
PRODUCT STYLE	Quick Connect
COMPATIBLE FITTING	Plug
APPLICATION	HVAC
TECHNOLOGY	Fluid & Gas Handling
COUPLING HALF	Coupler
LENGTH	76 mm
APPLICATION	Packaging machinery
DIVISION	Low Pressure Connectors Europe Division
SEAL MATERIAL	FKM
MAXIMUM OPERATING PRESSURE	150 bar
APPLICATION	General Industrial
VALVE TYPE	Standard Valve
FUNCTION	Double Shut-Off
APPLICATION	Food Processing
MAXIMUM OPERATING PRESSURE	2175 psi
SLEEVE MATERIAL	Brass
CONNECTION TYPE	BSPP
HOSE INSIDE DIAMETER	n/a
OPERATION TYPE	Sleeve
HEX SIZE	27 mm

MAXIMUM OPERATING TEMPERATURE	302 °F
FLOW RATE	33 L/min (water)
CONNECTION SIZE	G 1/2