

Parker Product Datasheet



Quick coupling system with nominal diameter 4.3 up to 30 for pneumatic and fluid handling applications up to 15 bar. Coupling system with ISO 7241-1 series B profile. Available made of thermoplastic - POM.

PART NUMBER: 74KBIW21DPX
CONNECTION THREAD SIZE (INCH): G 1/2
CONNECTION TYPE: Female BSPP
VERSION: Double Shut-Off
TYPE: Coupler
BODY MATERIAL: POM

PRODUCT OVERVIEW

Parker's Series 70 made of thermoplastic is a coupling range in sizes from 1/8' to 1 1/2' with plug profile in accordance with ISO 7241-1 series B. It's particularly suitable for use with liquid media.

The coupling system is developed for two-hand operation, i.e. the locking sleeve must be pushed back manually when coupling. The coupling range stands out for its high flow rates against a low pressure drop. 1 1/2' design (series 77) with locking pin and EPDM seal.

Markets:

- Life Science
- Process
- Food & Beverage

Features/Benefits:

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

Applications:

- Food and chemical processing
- Cleaning equipment
- Thermal Management

TECH SPECIFICATIONS

INDUSTRY	Industrial manufacturing equipment
MAXIMUM OPERATING PRESSURE	10 bar
TECHNOLOGY	Fluid & Gas Handling
REGION OF ORIGIN	Germany
COUPLING HALF	Coupler
PRODUCT SERIES	Series 70 Thermoplastic
CONNECTION SIZE	G 1/2
MINIMUM OPERATING TEMPERATURE	-4 °F
CONNECTION TYPE	Female BSPP
OUTSIDE DIAMETER	27 mm
WEIGHT	0.098 kg
FLOW RATE	1950 L/min
LENGTH	76 mm

FUNCTION	Double Shut-Off
PRODUCT STYLE	Quick-Connect
SPECIFICATIONS MET	ISO B
DIAMETER	na nom
INTERCHANGE TYPE	ISO B
MINIMUM OPERATING TEMPERATURE	-20 °C
VALVE INCLUDED	Yes
HOSE INSIDE DIAMETER	na mm
SEAL MATERIAL	NBR
FOR FLUID TYPE	Gases
MAXIMUM OPERATING TEMPERATURE	up to 194 °F
COMPATIBLE FITTING	Plug
APPLICATION	Pneumatic
PLATING TYPE	na
BRAND	Parker
APPLICATION	Media Transfer
PRODUCT TYPE	Pneumatic Quick Couplings
DIVISION	Low Pressure Connectors Europe Division
BRAND	Rectus
APPLICATION	Suction / Vacuum
COLOR	Standard
VALVE TYPE	Poppet
FOR FLUID TYPE	Chemical Fluids
MAXIMUM OPERATING TEMPERATURE	up to 90 °C
DIVISION	Low Pressure Connectors Europe Division

MAXIMUM OPERATING PRESSURE 145 psi

HEX SIZE 44,5 mm

BODY MATERIAL POM