Parker Product Datasheet



Quick coupling system with nominal diameter 7 for fluid handling applications up to 10 bar. Coupling system with Parker profile. Available made of thermoplastic - POM, PVDF or PVDF with peek spring.

PART NUMBER: 48KBIW17DPX
COUPLING HALF: Coupler
CONNECTION SIZE: G 3/8
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female BSPP
BODY MATERIAL: POM black
COLOR: Standard

PRODUCT OVERVIEW

Parker's Quick Coupling Series 48 made of POM and PVDF has been developed for use in the medical, chemical, food handling, pharmaceutical and laboratory technology industries. The system is also available in a solid plastic design (RectuChem+). Here the metal springs are replaced by springs made of PEEK, an extremely resistant synthetic material.

The coupling system is developed for single-hand operation. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. The coupling is also available with no valve for a straight-through system.

Markets:

- Machinery Construction

- Automotive

- Process

- Life Science

- Industrial

Features/Benefits:

- Splash proof design - Plug is sealing prior to opening the valve.

- Only provider of a complete thermoplastic coupling (with PEEK spring)

- No mix-ups between media due to the color coding of coupling and plug

- Single-hand operation for easy and fast connection

Applications:

- Food and chemical processing

- Bio fluid transfer

- Thermal Management

TECH SPECIFICATIONS

MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM OPERATING PRESSURE	10 bar VLOOKUP(A2202,[1]Feuil7!$A:$D,4,FALSE)
HEX SIZE	21 mm
PRODUCT STYLE	Quick Connect
WEIGHT	0.027 kg
DIVISION	Low Pressure Connectors Europe Division
PRODUCT TYPE	Application Based Quick Couplings

FLOW RATE	12 L/min (water)
CONNECTION TYPE	BSPP
PRODUCT SERIES	Series 48 Thermoplastic
SLEEVE MATERIAL	POM
DIAMETER	7 mm (nominal)
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
FLOW RATE	770 L/min (air)
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
FOR FLUID TYPE	Technical Gases (Medical, analytical, anesthesic gases)
COUPLING HALF	Coupler
OPERATION TYPE	Sleeve
FUNCTION	Double Shut-Off
COMPATIBLE FITTING	Series 48 Plug
INTERCHANGE TYPE	Parker Profile
HOSE INSIDE DIAMETER	n/a
BODY MATERIAL	POM Black
VALVE TYPE	Standard Valve
APPLICATION	Media Transfer
INDUSTRY	Industrial manufacturing equipment
OUTSIDE DIAMETER	26 mm
COLOR	Standard
MINIMUM OPERATING TEMPERATURE	-4 °F
MAXIMUM OPERATING TEMPERATURE	80 °C
SEAL MATERIAL	NBR

PLATING TYPE	Without Surface Treatment
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Pneumatic
BRAND	Parker
QUANTITY PER BOX	10.0
PRODUCT TYPE	Pneumatic Quick Couplings
LENGTH	63.5 mm
CONNECTION SIZE	G 3/8
REGION OF ORIGIN	Germany
CONNECTION TYPE	Female
MAXIMUM OPERATING TEMPERATURE	176 °F
MAXIMUM OPERATING PRESSURE	145 psi VLOOKUP(A2203,[1]Feuil7!$A:$D,4,FALSE)
DIVISION	Low Pressure Connectors Europe Division
VALVE INCLUDED	Yes
APPLICATION	Suction / Vacuum
BRAND	Rectus