

## Pneumatic Quick Couplings

## General Purpose – Push-To-Connect 30 Series Industrial Interchange



### Features

- Parker 30 Series couplers are designed for rigid mounting that allows a simple push-to-connect operation.
- Constructed of a solid brass body and a steel valve, 30 Series couplers are noted for their high flow capability, reliability and rugged design.
- Parker 30 Series couplers accept industrial interchange nipples manufactured by Parker and other manufacturers.
- Standard seal material is Buna-N (Nitrile). See Ordering Information at the end of Section A and the Fluid Compatibility Chart at the end of this catalog for optional materials.

### Specifications

Body Size (in.)	1/4	3/8	1/2	3/4
Rated Pressure (PSI)	300	300	300	300
Temperature Range (Std. seals)*	-40° to +250° F.			
Locking Device	3 pawls	4 pawls	5 pawls	6 pawls
Vacuum Data (inches Hg)	<b>Not recommended</b>			
Disconnected (coupler only)	<b>Not recommended</b>			
Connected	27.4	27.4	27.4	27.4

\* See Coupling Selection and Ordering Guide for Optional Seals.

### Repair Kits

Body Size	Seal Material	Part No.
1/4	Buna-N	21K
1/4	Ethylene Propylene	21KW
1/4	Fluorocarbon	21KY
3/8	Buna-N	14K
3/8	Ethylene Propylene	14KW
3/8	Fluorocarbon	14KY
1/2	Buna-N	16K
1/2	Ethylene Propylene	16KW
1/2	Fluorocarbon	16KY
3/4	Buna-N	38K
3/4	Ethylene Propylene	38KW
3/4	Fluorocarbon	38KY

### How to Order Information

Available with Sleeve-Lok (See Coupler Options Section). To order, add the suffix “-SL” to the part number, Example: B33-SL.

Brass valves are available for extra corrosion resistance. To specify a brass valve, add the suffix “N” to the regular part number. Example: B33N. A brass valve should be used for corrosive applications where steel parts are not suitable. Consult the factory for specific recommendations.

### Operation

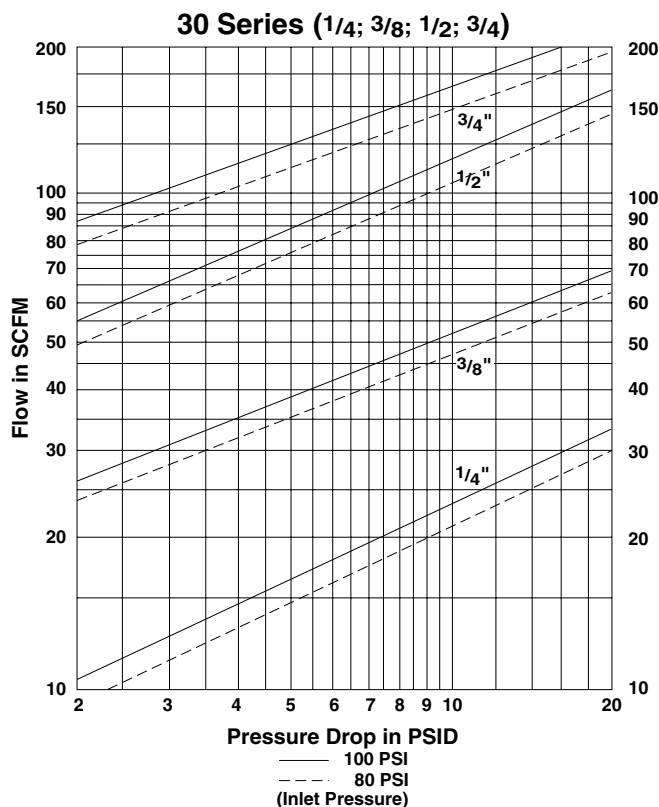
Push type couplings feature one handed “automatic” connection by pushing the nipple into the coupler—provided the coupler half is firmly mounted.

The locking mechanism of Parker 30 Series couplers consists of pawls (or pins) which act directly on the sleeve, thereby causing the sleeve to automatically retract when the mating nipple is inserted.

The sleeve must be manually retracted in order to remove the nipple.

Parker 30 Series couplings are push type Single Shut-Off couplings.

### Performance



Quick Coupling Division