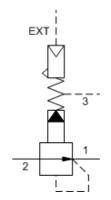
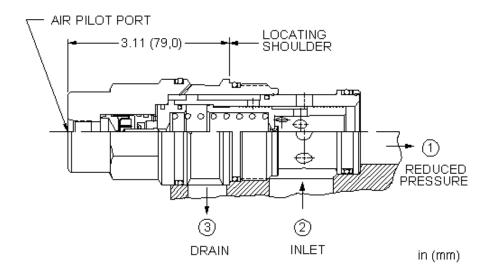




snhy.com/PBJC



un hydraulics



Air-controlled, pilot-operated pressure reducing cartridges use compressed air over a diaphragm instead of an adjustable spring as the setting to reduce a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1. The air signal is supplied through a port in the hex-end of the cartridge and the hydraulic setting is directly proportional to the air setting at a ratio of 20:1 (hydraulic:air).

## **TECHNICAL DATA**

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

| Pilot Ratio                | 20:1                    |
|----------------------------|-------------------------|
| Maximum Operating Pressure | 140 bar                 |
| Control Pilot Flow         | 0,25 - 0,33 L/min.      |
| Maximum Air Pressure       | 10,5 bar                |
| Locknut Hex Size           | 15 mm                   |
| Locknut Torque             | 9 - 10 Nm               |
| Seal kit - Cartridge       | Buna: 990019007         |
| Seal kit - Cartridge       | Polyurethane: 990019002 |
| Seal kit - Cartridge       | Viton: 990019006        |

## **CONFIGURATION OPTIONS**

## Model Code Example: PBJCBBN

| CONTROL               | (B) | OPERATING RANGE                        | (B) | SEAL MATERIAL | (N) |
|-----------------------|-----|--|-----|---------------|-----|
| B External 4-SAE Port |     | <b>B</b> 50 - 1500 psi (3,5 - 105 bar) |     | N Buna-N      |     |
|                       |     |  |     | V Viton       |     |