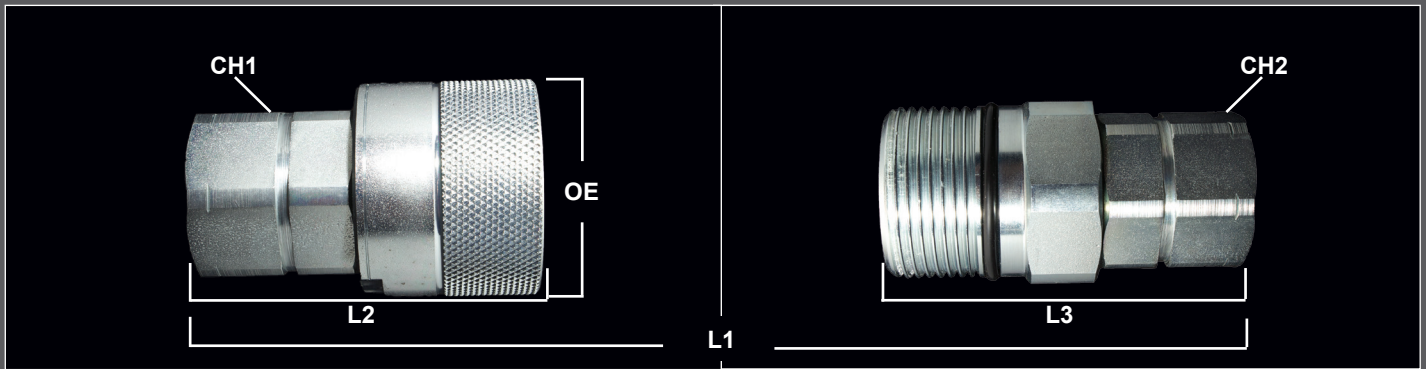


PVV3 SERIES QUICK COUPLINGS

Screw To Connect - Connect Under Pressure

Sizes: 1/4" thru 1-1/4"



Features and Benefits

- Widely used in German market
- Screw type with poppet valve
- Connect under residual pressure
- Low cost

Applications

- PVV3 is ideal for systems with high impulses and systems experiencing trapped pressure in hydraulic lines
- Cranes, Hammers, Rock Crushers, Shears, Micro-tunneling, Mining & Pile Driving

MATERIALS

Body: Carbon Steel
 Finishing: ZN-Fe (CRIII) Plating
 Seals: NBR standard seals
 Threads: NPT, BSPP, DIN

MAJOR INTERCHANGES

Faster CVV Voswinkel HS
 TCH Germany 65 Argus HDK

DIMENSIONAL & PRESSURE RATING DATA

| Body Size | CH1 | CH2 | OE | L1 | L2 | L3 | Flow Rate @ 14.7 PSI (GPM) | Max Flow Rate (GPM) | Max Working (PSI) |
|-----------|------|------|------|------|------|------|----------------------------|---------------------|-------------------|
| 04 | .75 | .75 | 1.35 | 3.66 | 2.32 | 2.28 | 3.17 | 4.49 | 5,075 |
| 06 | .87 | .87 | 1.34 | 3.86 | 2.52 | 1.93 | 6.10 | 12.15 | 4,788 |
| 08 | 1.42 | 1.42 | 1.65 | 4.29 | 2.76 | 2.20 | 11.89 | 23.78 | 4,410 |
| 12 | 1.61 | 1.61 | 1.87 | 5.08 | 3.31 | 2.60 | 28.00 | 50.19 | 3,675 |
| 16 | 1.97 | 1.97 | 2.17 | 5.98 | 3.94 | 3.07 | 49.93 | 73.97 | 3,675 |
| 20 | 2.17 | 2.17 | 3.15 | 8.27 | 4.96 | 5.16 | 76.00 | 126.80 | 2,940 |

units: inches

ORDERING INFORMATION

QUICK COUPLING PART NUMBERING SYSTEM:

PVV3 - 12 - 12 - C - NPT

| PVV3 SERIES | Body Size | | Body Size | | Thread Size | | Thread Size | | Coupler / Nipple | | Thread Type | |
|---|-----------|------|-----------|--------|-------------|------|-------------|--------|------------------|---------|-------------|---------------------------|
| Connect Under Pressure Screw Together Couplings | 04 | 1/4" | 12 | 3/4" | 04 | 1/4" | 12 | 3/4" | C | Coupler | NPT | NPT |
| | 06 | 3/8" | 16 | 1" | 06 | 3/8" | 16 | 1" | N | Nipple | BSP | British Standard Parallel |
| | 08 | 1/2" | 20 | 1-1/4" | 08 | 1/2" | 20 | 1-1/4" | | | DIN | Metric |