

Quick couplings without valve for low to medium pressure fluids. On the disconnect are required when there is no restriction and more flow are the key, VOTH's No check coupling series are easy to install because of the valveless design, allow for an unrestricted high-flow. These couplers will not produce any pressure drop due to its design. Reliable couplers last long on fluids.

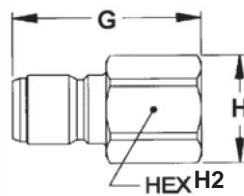
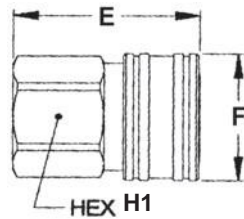
Design

Viton (V) as standard seal NBR (N) & EPDM (E) are also available
 Mildsteel (FFC series) with electro nickel plating
 Various material of construction available SS304L (FFD series),
 SS316L (FFA series)



Industry

Petrochemical
 Aggressive liquids
 Water
 Hydraulics



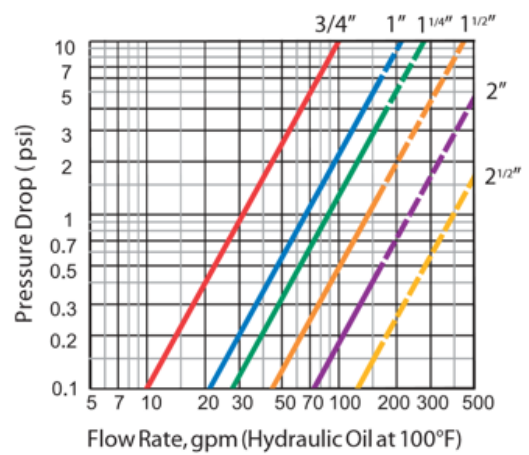
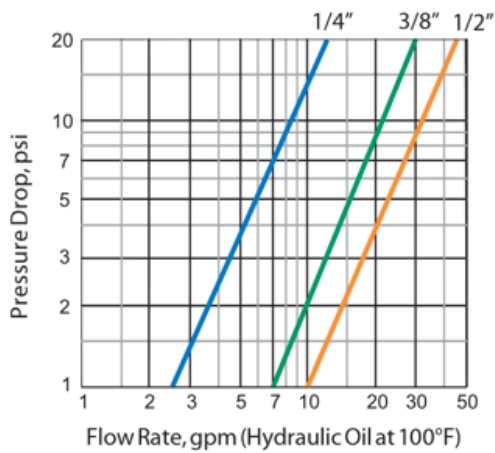
| TYPE | MODEL NO | Seal | Nominal | Thread | A | B | C | D | E | F | G | H | H1 | H2 |
|------|-------------|-------|---------|--------|----|------|------|------|------|------|------|----|------|------|
| # | # | | Size dn | in | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm |
| FFC | FFC-C-14-V | Viton | DN6 | G1/4 | 44 | 24.6 | 39.6 | 16.5 | 38.1 | 24.6 | 36.8 | 20 | 20.6 | 17.5 |
| FFC | FFC-C-38-V | Viton | DN8 | G3/8 | 45 | 29.5 | 42.9 | 20.1 | 40.4 | 29.5 | 41.4 | 24 | 25.4 | 20.6 |
| FFC | FFC-C-12-V | Viton | DN13 | G1/2 | 52 | 34 | 51.1 | 25.7 | 48.5 | 34 | 48.8 | 29 | 28.7 | 25.4 |
| FFC | FFC-C-13-V | Viton | DN20 | G3/4 | 56 | 43.7 | 55.9 | 31.2 | 52.3 | 43.7 | 51.1 | 35 | 36.6 | 30.2 |
| FFC | FFC-C-10-V | Viton | DN25 | G1 | 64 | 51.6 | 63.2 | 40.4 | 59.2 | 51.6 | 56.1 | 46 | 44.5 | 39.6 |
| FFC | FFC-C-114-V | Viton | DN32 | G1.1/4 | | | 69.1 | 51.3 | 62 | 63.5 | 59.4 | 59 | 50.8 | 50.8 |
| FFC | FFC-C-112-V | Viton | DN40 | G1.1/2 | | | 84.1 | 66 | 73.2 | 79.5 | 73.2 | 66 | 66 | 57.2 |
| FFC | FFC-C-200-V | Viton | DN50 | G2 | | | 88.9 | 80.8 | 78.5 | 95.3 | 77 | 81 | 76.2 | 69.9 |
| FFC | FFC-C-14-N | NBR | DN6 | G1/4 | 44 | 24.6 | 39.6 | 16.5 | 38.1 | 24.6 | 36.8 | 20 | 20.6 | 17.5 |
| FFC | FFC-C-38-N | NBR | DN8 | G3/8 | 45 | 29.5 | 42.9 | 20.1 | 40.4 | 29.5 | 41.4 | 24 | 25.4 | 20.6 |
| FFC | FFC-C-12-N | NBR | DN13 | G1/2 | 52 | 34 | 51.1 | 25.7 | 48.5 | 34 | 48.8 | 29 | 28.7 | 25.4 |
| FFC | FFC-C-13-N | NBR | DN20 | G3/4 | 56 | 43.7 | 55.9 | 31.2 | 52.3 | 43.7 | 51.1 | 35 | 36.6 | 30.2 |
| FFC | FFC-C-10-N | NBR | DN25 | G1 | 64 | 51.6 | 63.2 | 40.4 | 59.2 | 51.6 | 56.1 | 46 | 44.5 | 39.6 |
| FFC | FFC-C-114-N | NBR | DN32 | G1.1/4 | | | 69.1 | 51.3 | 62 | 63.5 | 59.4 | 59 | 50.8 | 50.8 |
| FFC | FFC-C-112-N | NBR | DN40 | G1.1/2 | | | 84.1 | 66 | 73.2 | 79.5 | 73.2 | 66 | 66 | 57.2 |
| FFC | FFC-C-200-N | NBR | DN50 | G2 | | | 88.9 | 80.8 | 78.5 | 95.3 | 77 | 81 | 76.2 | 69.9 |
| FFC | FFC-C-14-E | EPDM | DE6 | G1/4 | 44 | 24.6 | 39.6 | 16.5 | 38.1 | 24.6 | 36.8 | 20 | 20.6 | 17.5 |
| FFC | FFC-C-38-E | EPDM | DE8 | G3/8 | 45 | 29.5 | 42.9 | 20.1 | 40.4 | 29.5 | 41.4 | 24 | 25.4 | 20.6 |
| FFC | FFC-C-12-E | EPDM | DE13 | G1/2 | 52 | 34 | 51.1 | 25.7 | 48.5 | 34 | 48.8 | 29 | 28.7 | 25.4 |
| FFC | FFC-C-13-E | EPDM | DE20 | G3/4 | 56 | 43.7 | 55.9 | 31.2 | 52.3 | 43.7 | 51.1 | 35 | 36.6 | 30.2 |
| FFC | FFC-C-10-E | EPDM | DE25 | G1 | 64 | 51.6 | 63.2 | 40.4 | 59.2 | 51.6 | 56.1 | 46 | 44.5 | 39.6 |
| FFC | FFC-C-114-E | EPDM | DE32 | G1.1/4 | | | 69.1 | 51.3 | 62 | 63.5 | 59.4 | 59 | 50.8 | 50.8 |
| FFC | FFC-C-112-E | EPDM | DE40 | G1.1/2 | | | 84.1 | 66 | 73.2 | 79.5 | 73.2 | 66 | 66 | 57.2 |
| FFC | FFC-C-200-E | EPDM | DE50 | G2 | | | 88.9 | 80.8 | 78.5 | 95.3 | 77 | 81 | 76.2 | 69.9 |

Looking for other MOC?

SS304L: use ordering code FFD : example [FFD-C-200-E G2" BSP Stainless steel 304L –EPDM seal]

SS316L: use ordering code FFA : example [FFA-C-200-E G2" BSP Stainless steel 316L–EPDM seal]

Pressure drop



Specifications

| Nominal Size | Stainless steel | | Brass | |
|--------------|------------------|----------------|------------------|----------------|
| | Working pressure | Burst Pressure | Working pressure | Burst Pressure |
| dn | bar | bar | bar | bar |
| DN6 | 66 | 139 | 53 | 111 |
| DN8 | 58 | 122 | 49 | 103 |
| DN13 | 55 | 116 | 44 | 92 |
| DN20 | 45 | 95 | 38 | 80 |
| DN25 | 35 | 74 | 30 | 63 |
| DN32 | 28 | 59 | 22 | 46 |
| DN40 | 16 | 34 | 14 | 29 |
| DN50 | 11 | 23 | 8 | 17 |



Contact us for customized couplings for your needs today.