

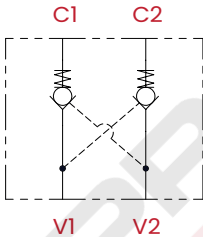
VBD CHECK VALVES BSPP



**DOUBLE ACTING PILOT CHECK VALVES**  
VBD pilot check valves are used to lock a double acting actuator in place in both directions, ensuring the load is locked



HYDRAULIC CIRCUIT

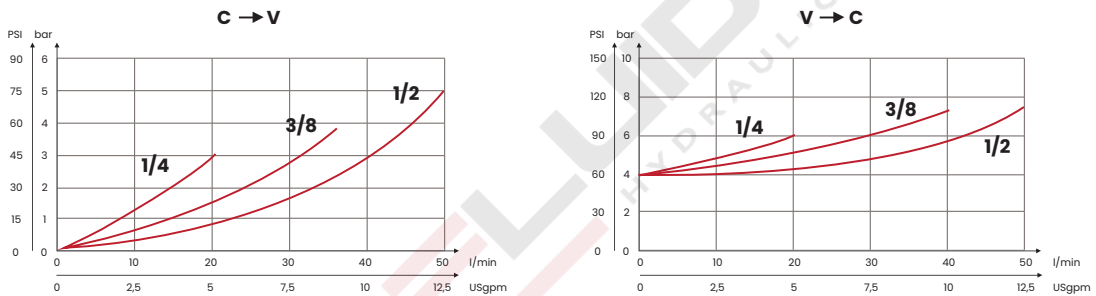


TECHNICAL CHARACTERISTICS

mm [Inches]

| F          | B         | H         | L         | M           | N           | P         | A           | C           | D           |
|------------|-----------|-----------|-----------|-------------|-------------|-----------|-------------|-------------|-------------|
| 1/4 BSPP   | 30 [1,18] | 40 [1,57] | 63 [2,5]  | 13,5 [0,53] | 49,5 [1,95] | 7 [0,28]  | 22,5 [0,65] | 85,5 [3,4]  | 31,5 [0,24] |
| 3/8 BSPP   |           |           |           | 14,5 [0,57] | 48,5 [1,90] |           |             |             |             |
| 1/2 BSPP   | 35 [1,38] | 50 [2,0]  | 82 [3,23] | 23 [0,90]   | 59 [2,32]   | 15 [0,59] | 31,5 [1,24] | 113,5 [4,5] | 41 [1,61]   |
| Steel body |           |           |           |             |             |           |             |             |             |

PERFORMANCES



ORDERING CODE

| CODE                               | TYPE  | F ports  | MAX FLOW<br>l/min [Usgpm] | MAX PRESSURE<br>bar [PSI] | PILOT RATIO | CRACKING<br>PRESSURE<br>bar [PSI] | WEIGHT<br>kg [lb] |
|------------------------------------|-------|----------|---------------------------|---------------------------|-------------|-----------------------------------|-------------------|
| FA5001                             | VBD1B | 1/4 BSPP | 20 [5,3]                  | 350<br>[5075]             | 1:5,5       | 4,5 [65]                          | 0,65 [1,43]       |
| FA5002                             | VBD2B | 3/8 BSPP | 35 [9,2]                  |                           |             |                                   | 0,6 [1,32]        |
| FA5003                             | VBD3B | 1/2 BSPP | 50 [13,2]                 |                           | 1:5         |                                   | 1,1 [2,43]        |
| Available with spring 3 bar, 6 bar |       |          |                           |                           |             |                                   |                   |

