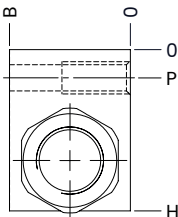
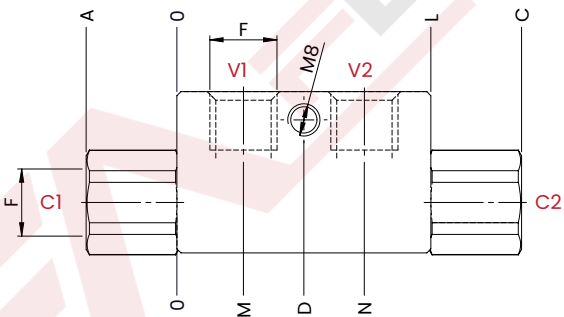
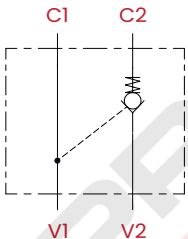


**SINGLE ACTING PILOT CHECK VALVES**  
The VBS pilot check valves are used to lock a single acting actuator in position, ensuring that the load is locked.



HYDRAULIC CIRCUIT



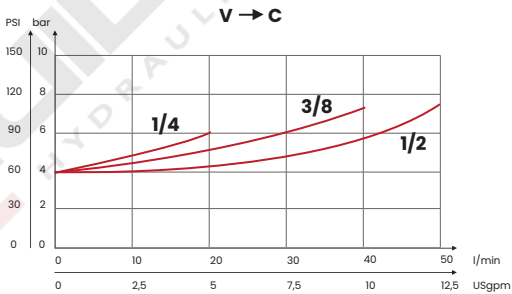
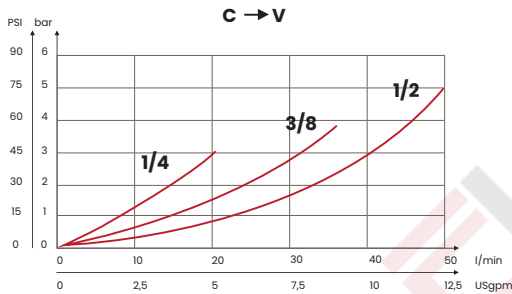
mm [Inches]

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] |
|------------------------------------|-------|----------|---------------------------|---------------------------|-------------|-----------------------------------|-------------------|
| FA5004                             | VBS1B | 1/4 BSPP | 20 [5,3]                  | 350<br>[5075]             | 1:5,5       | 4,5 [65]                          | 0,61 [1,34]       |
| FA5005                             | VBS2B | 3/8 BSPP | 35 [9,2]                  |                           |             |                                   | 0,58 [1,28]       |
| FA5006                             | VBS3B | 1/2 BSPP | 50 [13,2]                 |                           | 1:5         |                                   | 1,04 [2,29]       |
| Available with spring 3 bar, 6 bar |       |          |                           |                           |             |                                   |                   |