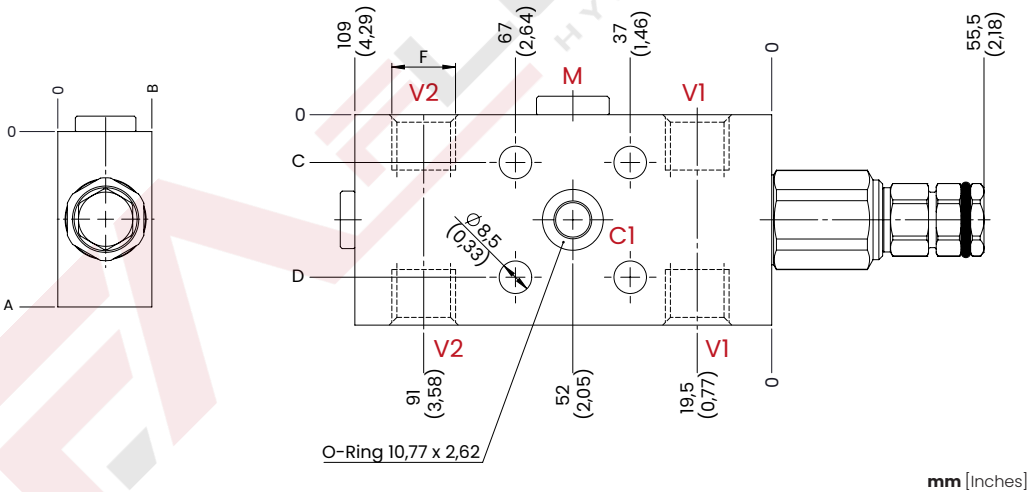
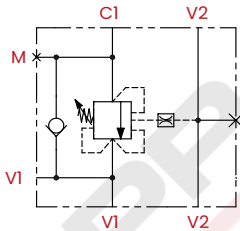


SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER, SINGLE FLANGED VERSION

The BSL counterbalance valves (Gas thread) allow you to keep a load locked, the built-in relief valve protects the system from overpressure in the cylinder by sending the oil to drain.

HYDRAULIC CIRCUIT

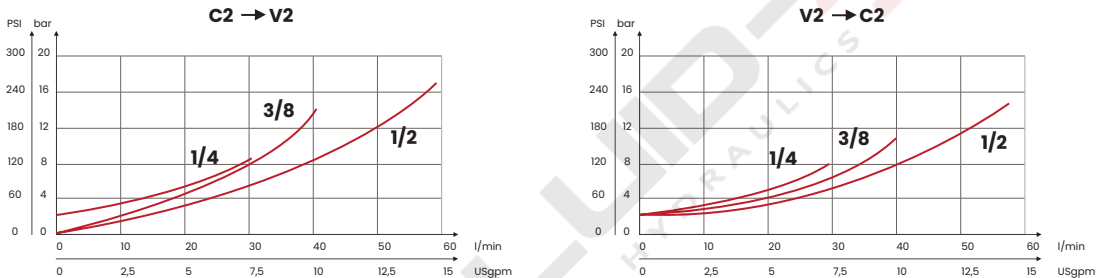


TECHNICAL CHARACTERISTICS

mm [Inches]

| F                                                      | A         | B           | C           | D           |
|--------------------------------------------------------|-----------|-------------|-------------|-------------|
| 1/4 BSPP                                               | 55 [2,16] | 29,5 [1,16] | 12,5 [0,49] | 42,5 [1,67] |
| 3/8 BSPP                                               |           |             |             |             |
| 1/2 BSPP                                               | 65 [2,56] | 34,5 [1,36] | 17,5 [0,68] | 47,5 [1,87] |
| Steel body (on request stainless steel AISI 316L body) |           |             |             |             |

PERFORMANCES



ORDERING CODE

| CODE   | TYPE    | F<br>ports | MAX FLOW<br>l/min<br>[USgpm] | STANDARD<br>SETTING<br>bar [PSI] | RANGE<br>SPRING<br>bar [PSI] | INCREASE TO<br>TURN<br>bar [PSI] | PILOT<br>RATIO                    | MAX<br>PRESSURE<br>bar [PSI] | WEIGHT<br>kg [lb] |
|--------|---------|------------|------------------------------|----------------------------------|------------------------------|----------------------------------|-----------------------------------|------------------------------|-------------------|
| FA1033 | BSL1B21 | 1/4 BSPP   | 30<br>[7,9]                  | 210<br>[3045]                    | 30/210<br>[435/3045]         | 80<br>[1160]                     | 1:4,25<br><br>On request<br>1:8,1 | 350<br>[5075]                | 0,9<br>[1,98]     |
| FA1034 | BSL1B35 |            |                              | 350<br>[5075]                    | 60/350<br>[870/5075]         | 135<br>[1960]                    |                                   |                              |                   |
| FA1035 | BSL2B21 | 3/8 BSPP   | 40<br>[10,6]                 | 210<br>[3045]                    | 30/210<br>[435/3045]         | 80<br>[1160]                     |                                   |                              | 0,85<br>[1,87]    |
| FA1036 | BSL2B35 |            |                              | 350<br>[5075]                    | 60/350<br>[870/5075]         | 135<br>[1960]                    |                                   |                              |                   |
| FA1037 | BSL3B21 | 1/2 BSPP   | 60<br>[15,9]                 | 210<br>[3045]                    | 30/210<br>[435/3045]         | 80<br>[1160]                     |                                   |                              | 0,75<br>[1,65]    |
| FA1038 | BSL3B35 |            |                              | 350<br>[5075]                    | 60/350<br>[870/5075]         | 135<br>[1960]                    |                                   |                              |                   |

Standard setting 350 bar [5075 PSI] to 5 l/m [1,32 USgpm]

Standard setting 210 bar [3045 PSI] to 5 l/m [1,32 USgpm]

UPDATE Jan. 2025 (v.03)