



Schema idraulico - Hydraulic circuit

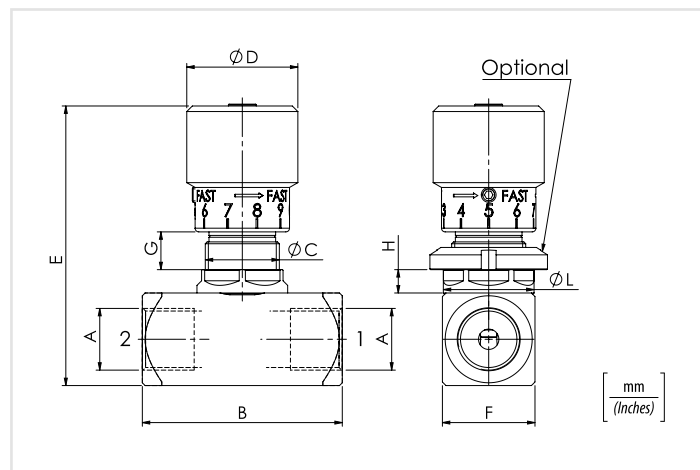


## Dati tecnici - Technical data

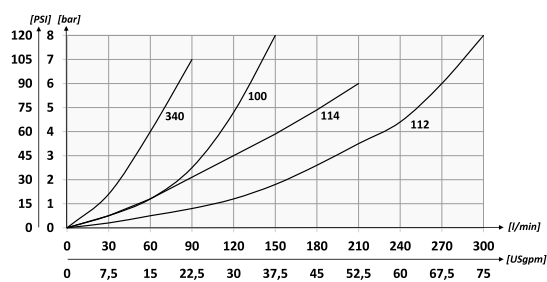
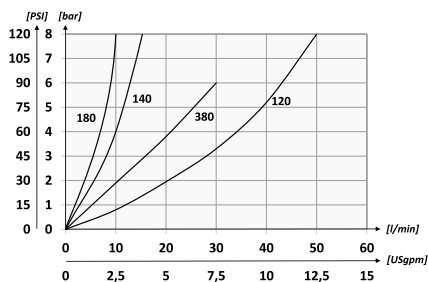
|                                                                                                                                                                                                  |                                                |                     |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------|--|
| <b>Olio idraulico/Mineral oil</b>                                                                                                                                                                | <b>ISO 6743/4 (DIN 51524)</b>                  |                     |  |
| <b>Viscosità olio/Oil viscosity</b>                                                                                                                                                              | <b>15-250 mm<sup>2</sup>/s (15 to 250 cSt)</b> |                     |  |
| <b>Classe di contaminazione max con filtro</b><br><i>Max contamination index with filter</i>                                                                                                     | <b>ISO 4406:1999 Classe 19/17/14</b>           |                     |  |
| <b>Temperatura dell'olio/Oil temperature</b>                                                                                                                                                     | <b>-20°C +80°C</b>                             | <b>-4°F + 176°F</b> |  |
| <b>Temperatura ambiente/Ambient temperature</b>                                                                                                                                                  | <b>-20°C +50°C</b>                             | <b>-4°F + 122°F</b> |  |
| <b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b><br><i>It is necessary a filter use to protect the valve (advised filtration 15 µm)</i> |                                                |                     |  |

|                                     |      |    |
|-------------------------------------|------|----|
| Codice ordinazione<br>Ordering code | 01   | 02 |
|                                     | STBF |    |

| 01 | Valvole di controllo flusso bidirezionali (Bidirectional flow control valves) | STBF       |
|----|-------------------------------------------------------------------------------|------------|
| 02 | Dimensione (Size)                                                             | BSPP 1/8   |
|    |                                                                               | 180        |
|    |                                                                               | BSPP 1/4   |
|    |                                                                               | 140        |
|    |                                                                               | BSPP 3/8   |
|    |                                                                               | 380        |
|    |                                                                               | BSPP 1/2   |
|    |                                                                               | 120        |
|    |                                                                               | BSPP 3/4   |
|    |                                                                               | 340        |
|    |                                                                               | BSPP 1     |
|    |                                                                               | 100        |
|    |                                                                               | BSPP 1-1/4 |
|    |                                                                               | 114        |
|    |                                                                               | BSPP 1-1/2 |
|    |                                                                               | 112        |



## Performances



## Caratteristiche tecniche - Technical characteristics

| Tipo<br>Type | A          | Portata max (l/min)<br>Max flow (USgpm) | Pressione max (bar)<br>Max pressure (PSI) | B          | C       | D         | E           | F         | G           | H          | L           | Optional<br>Type | Peso approssimativo (kg)<br>Approx weight (lb) |
|--------------|------------|-----------------------------------------|-------------------------------------------|------------|---------|-----------|-------------|-----------|-------------|------------|-------------|------------------|------------------------------------------------|
| STBF180      | BSPP 1/8   | 10 (2.6)                                | 400 (5800)                                | 44 (1.73)  | M15x1   | 20 (0.79) | 60,5 (2.38) | 20 (0.79) | 8 (0.31)    | 5,5 (0.22) | 19,5 (0.77) | 84100031         | 0,16 (0.36)                                    |
| STBF140      | BSPP 1/4   | 15 (4)                                  |                                           | 54 (2.13)  | M20x1   | 33 (1.30) | 75 (2.95)   | 25 (0.98) | 7,5 (0.30)  | 6 (0.24)   | 24,5 (0.96) | 84100022         | 0,31 (0.68)                                    |
| STBF380      | BSPP 3/8   | 30 (7.9)                                |                                           | 64 (2.52)  | M25x1,5 |           | 81 (3.19)   | 30 (1.18) | 9 (0.35)    | 7 (0.28)   | 29,5 (1.16) | 84100023         | 0,28 (0.62)                                    |
| STBF120      | BSPP 1/2   | 50 (13.2)                               |                                           | 81 (3.19)  | M35x1,5 | 42 (1.65) | 110 (4.33)  | 40 (1.57) | 15,5 (0.61) | 8 (0.31)   | 39,5 (1.56) | 84100024         | 0,48 (1.06)                                    |
| STBF340      | BSPP 3/4   | 80 (21.1)                               |                                           | 102 (4.01) | M45x1,5 | 53 (2.09) | 115 (4.53)  | 45 (1.77) | 13,5 (0.53) | 10 (0.39)  | 50 (1.97)   | 84100030         | 1,13 (2.50)                                    |
| STBF100      | BSPP 1     | 150 (39.6)                              | 350 (5075)                                | 102 (4.01) | M45x1,5 | 53 (2.09) | 137 (5.39)  | 55 (2.17) | 13,5 (0.53) | 10 (0.39)  | 50 (1.97)   | 84100030         | 1,50 (3.3)                                     |
| STBF114      | BSPP 1-1/4 | 200 (52.8)                              |                                           |            |         |           | 147 (5.79)  | 65 (2.56) |             |            |             |                  | 2,37 (5.21)                                    |
| STBF112      | BSPP 1-1/2 | 300 (79.2)                              |                                           |            |         |           |             |           |             |            |             |                  | 3,17 (7)                                       |