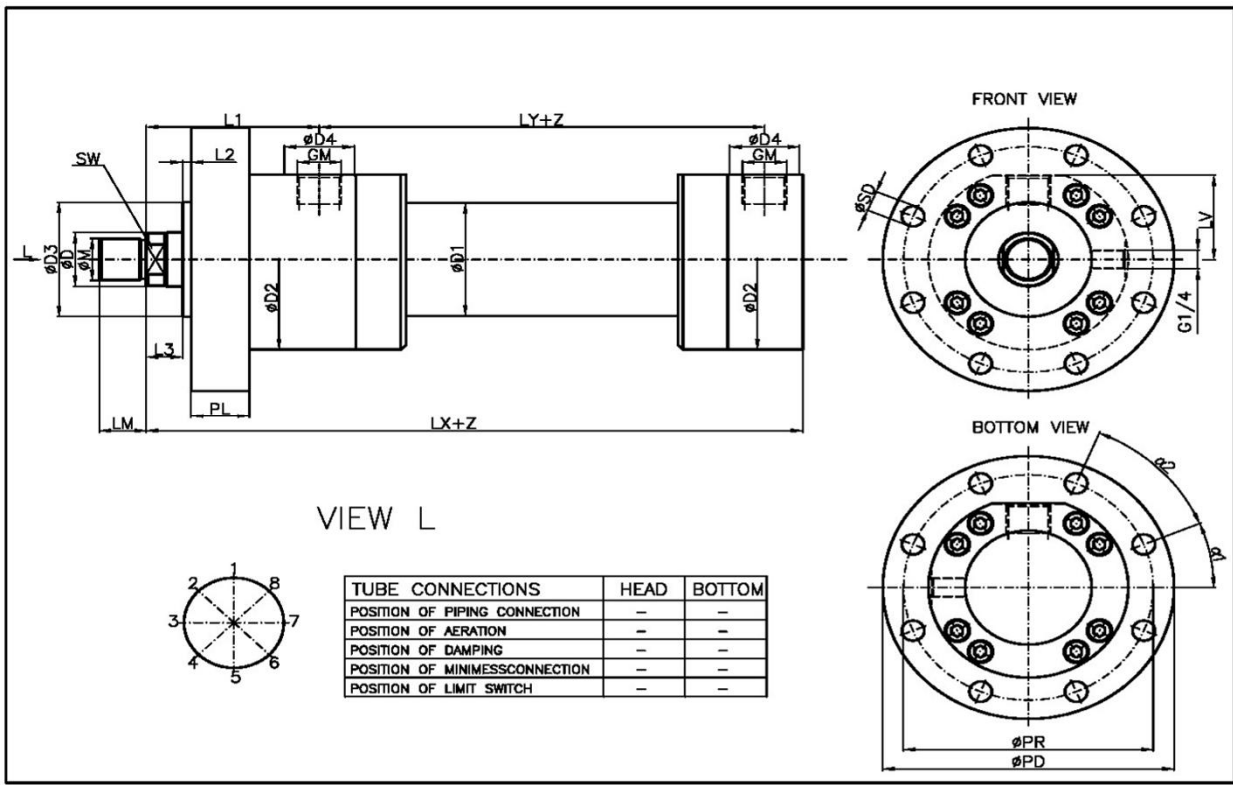


# AVA01/FLF



| $\phi D$ | $\phi d$ | $LX$ | $LY$ | $M$       | $LM$             | $M$            | $LM$            | $SW$       | $\phi D1$  | $\phi D2$ | $\phi D3$<br>f8 | $\phi D4$ max.<br>0.5mm<br>deep | $GM$   | $GM$    | $L1$ |  |
|----------|----------|------|------|-----------|------------------|----------------|-----------------|------------|------------|-----------|-----------------|---------------------------------|--------|---------|------|--|
| 40       | 22/28    | 226  | 120  | M16x1.5   | 16               | M18x2          | 30              | 17/22      | 50         | 88        | 51              | 34                              | G1/2   | M22x1.5 | 70   |  |
| 50       | 28/36    | 233  | 120  | M22x1.5   | 22               | M24x2          | 35              | 22/30      | 65         | 102       | 64              | 34                              | G1/2   | M22x1.5 | 99   |  |
| 63       | 36/45    | 262  | 133  | M28x1.5   | 28               | M30x2          | 45              | 30/36      | 75         | 120       | 76              | 42                              | G3/4   | M27x2   | 104  |  |
| 80       | 45/56    | 280  | 146  | M35x1.5   | 35               | M39x2          | 55              | 36/46      | 95         | 140       | 92              | 42                              | G3/4   | M27x2   | 121  |  |
| 100      | 56/70    | 330  | 171  | M45x1.5   | 45               | M50x3          | 75              | 46/60      | 115        | 170       | 119             | 47                              | G1     | M33x2   | 125  |  |
| 125      | 70/90    | 382  | 205  | M58x1.5   | 58               | M64x3          | 95              | 60/75      | 145        | 206       | 134             | 58                              | G1 1/4 | M42x2   | 154  |  |
| 140      | 90/100   | 420  | 219  | M65x1.5   | 65               | M80x3          | 110             | 75/85      | 170        | 226       | 156             | 58                              | G1 1/4 | M42x2   | 157  |  |
| 160      | 100/110  | 475  | 240  | M80x2     | 80               | M90x3          | 120             | 85/95      | 185        | 265       | 180             | 65                              | G1 1/2 | M48x2   | 204  |  |
| 180      | 110/125  | 515  | 264  | M100x2    | 100              | M100x3         | 140             | 95/110     | 210        | 292       | 185             | 65                              | G1 1/2 | M48x2   | 195  |  |
| 200      | 125/140  | 535  | 278  | M110x2    | 110              | M110x4         | 150             | 110/120    | 235        | 310       | 228             | 65                              | G1 1/2 | M48x2   | 195  |  |
| $\phi D$ | $\phi d$ | $L2$ | $L3$ | $\phi PL$ | $\phi SD$<br>H13 | $\phi PR$ js13 | $\phi PD$<br>-1 | $\alpha 1$ | $\alpha 2$ |           |                 |                                 |        |         |      |  |
| 40       | 22/28    | 5    | 19   | 30        | 9                | 110            | 130             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |
| 50       | 28/36    | 5    | 23   | 30        | 11               | 132            | 155             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |
| 63       | 36/45    | 5    | 27   | 35        | 13,5             | 150            | 175             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |
| 80       | 45/56    | 5    | 25   | 35        | 13,5             | 180            | 220             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |
| 100      | 56/70    | 5    | 35   | 45        | 17,5             | 212            | 260             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |
| 125      | 70/90    | 5    | 37   | 50        | 22               | 250            | 295             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |
| 140      | 90/100   | 5    | 40   | 50        | 22               | 300            | 340             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |
| 160      | 100/110  | 5    | 45   | 60        | 30               | 315            | 370             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |
| 180      | 110/125  | 5    | 45   | 70        | 30               | 365            | 420             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |
| 200      | 125/140  | 5    | 45   | 75        | 33               | 385            | 460             | 22.5°      | 45°        |           |                 |                                 |        |         |      |  |

$\phi D$ =Piston  $\phi$ (mm)  
 $\phi d$ =Piston rod  $\phi$ (mm)  
 $Z$ = Stroke length