

AVA

A11-25 full lug butterfly valve

Valve Size: 2 -24 inches (50-600mm)

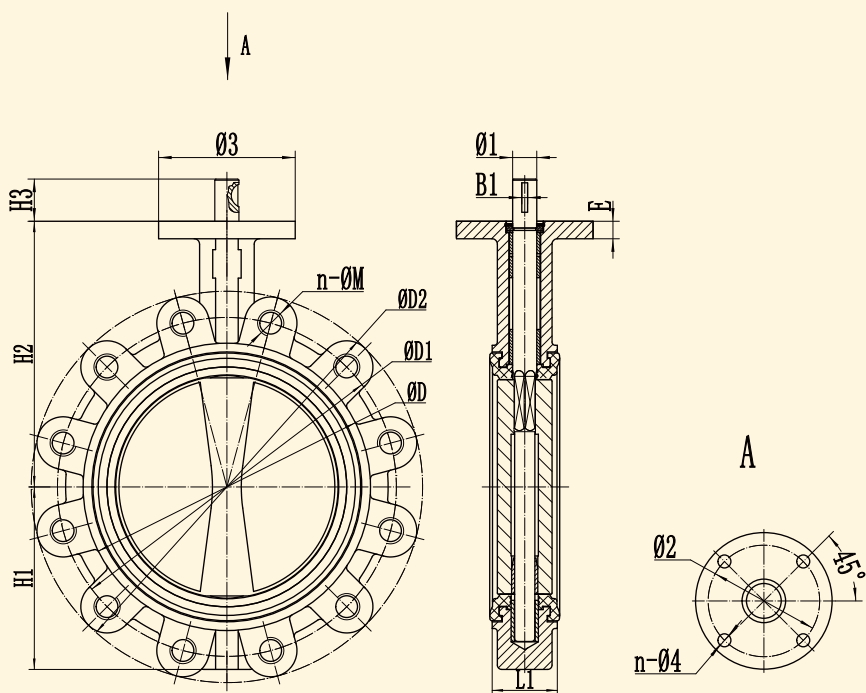
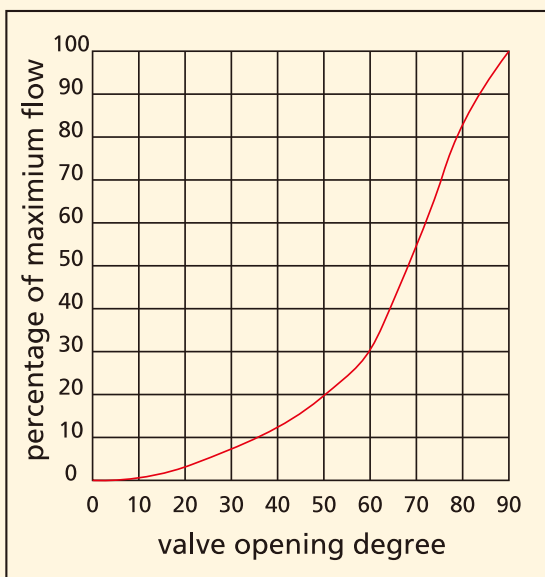
Pressure Ratings: 25 bar



TECHNICAL SPECIFICATIONS

A11-25 full lug DIMENSIONS

| Size | | H1 | H2 | H3 | E | Ø3 | ØD | ØD1 | N-M | ØD2 | L1 | B1 | Ø1 | Ø2 | N-Ø4 | Torques Nm | Weights Kg |
|------|-----|-----|-----|----|----|-----|-----|-----|--------|-----|-----|----|------|-----|-------|------------|------------|
| ins | mm | | | | | | | | | | | | | | | | |
| 2 | 50 | 70 | 130 | 30 | 9 | 65 | 96 | 125 | 4-M16 | 155 | 43 | 3 | 12.6 | 50 | 4-Ø7 | 27 | 3.2 |
| 2.5 | 65 | 76 | 143 | 30 | 9 | 65 | 110 | 145 | 8-M16 | 175 | 46 | 3 | 12.6 | 50 | 4-Ø7 | 34 | 4.6 |
| 3 | 80 | 89 | 155 | 30 | 9 | 65 | 124 | 160 | 8-M16 | 190 | 46 | 3 | 12.6 | 50 | 4-Ø7 | 39 | 4.7 |
| 4 | 100 | 104 | 170 | 30 | 11 | 90 | 158 | 190 | 8-M20 | 230 | 52 | 5 | 15.7 | 70 | 4-Ø10 | 96 | 8.3 |
| 5 | 125 | 120 | 190 | 30 | 13 | 90 | 183 | 220 | 8-M24 | 264 | 56 | 5 | 18.9 | 70 | 4-Ø10 | 126 | 10.9 |
| 6 | 150 | 132 | 210 | 30 | 13 | 90 | 213 | 250 | 8-M24 | 298 | 56 | 5 | 18.9 | 70 | 4-Ø10 | 267 | 16.1 |
| 8 | 200 | 167 | 243 | 39 | 16 | 125 | 263 | 310 | 12-M24 | 358 | 60 | 5 | 22.1 | 102 | 4-Ø12 | 412 | 26.1 |
| 10 | 250 | 202 | 282 | 39 | 17 | 125 | 320 | 370 | 12-M27 | 420 | 68 | 8 | 28.4 | 102 | 4-Ø12 | 709 | 36.7 |
| 12 | 300 | 239 | 310 | 39 | 17 | 150 | 375 | 430 | 16-M27 | 482 | 78 | 8 | 31.7 | 125 | 4-Ø12 | 1308 | 55.9 |
| 14 | 350 | 265 | 368 | 72 | 20 | 150 | 416 | 490 | 16-M30 | 538 | 78 | 10 | 38.0 | 125 | 4-Ø12 | 2434 | 62.4 |
| 16 | 400 | 297 | 400 | 72 | 20 | 210 | 482 | 550 | 16-M33 | 604 | 102 | 14 | 44.5 | 165 | 4-Ø22 | 3030 | 98.8 |
| 18 | 450 | 333 | 422 | 72 | 20 | 210 | 538 | 600 | 20-M33 | 654 | 114 | 16 | 50.7 | 165 | 4-Ø22 | 3845 | 132.1 |
| 20 | 500 | 361 | 480 | 82 | 22 | 300 | 587 | 660 | 20-M33 | 720 | 127 | 16 | 57.0 | 254 | 8-Ø18 | 5924 | 213.3 |
| 24 | 600 | 444 | 562 | 82 | 27 | 300 | 694 | 770 | 20-M36 | 799 | 154 | 18 | 63.3 | 254 | 8-Ø18 | 9230 | 275.6 |



Materials Selection

- BODY : Ductile Iron
- DISC : Nylon coated Ductile Iron
316 Stainless Steel
- STEM : 416 Stainless Steel
- SEAT : EPDM
NBR

A11-25 valves are designed to comply with ISO standards. The valves are designed to comply with ISO 5752 face-to-face and ISO 5211 actuator mounting flanges.
All AVA valves are tested in accordance with BS5155, bodies are tested to 150% and seats are tested 110% of full pressure rating.
A11-25 valves are flanged to BS4504 PN25.

The data presented in this bulletin is for general use only.

Consult AVA Controls representatives or factory for the specific performance data and material selection for your particular applications.



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