

# Valves series A1

## 1/8", 3/2 - 5/2, Mechanically operated



### Standard executions

| Version              | Symbol | Code   | Item       |
|----------------------|--------|--------|------------|
| 3/2 NC spring return |        | 034201 | A1ME130ANT |
| 5/2 spring return    |        | 034202 | A1ME150ANT |



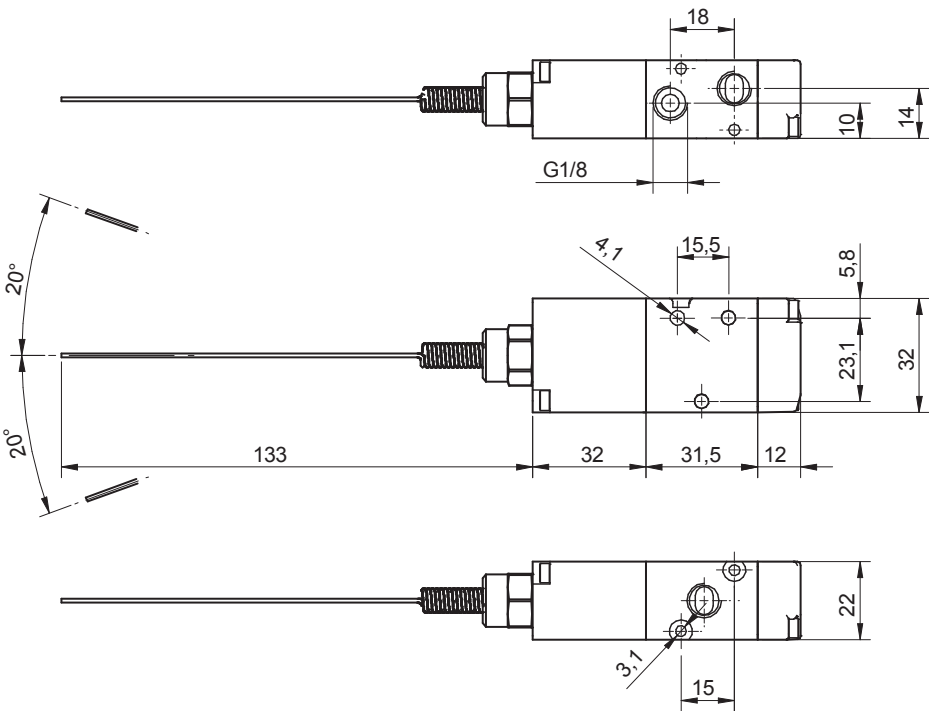
Servo-assisted sensitive aerial spool valves, with static seals, high flow.

### Code key

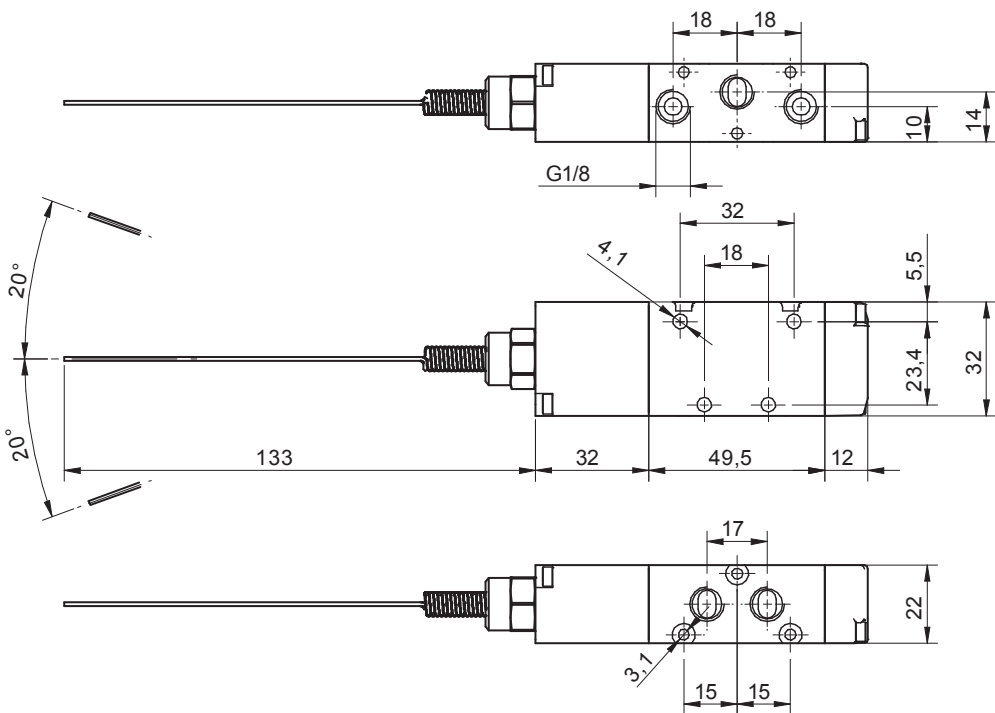
| Series | Actuation       | Size     | Function                                            | Actuation              |
|--------|-----------------|----------|-----------------------------------------------------|------------------------|
| A1     | ME=Mechanically | 1 = 1/8" | 30 = 3/2 NC spring return<br>50 = 5/2 spring return | ANT = sensitive aerial |

### Technical data

|                           |                                                                                                  |                                              |  |
|---------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------|--|
| Fluid                     | Compressed filtered air with or without lubrication. Lubrication, if started, must be continued. |                                              |  |
| Pressure range            | 1 ÷ 10 bar                                                                                       |                                              |  |
| Temperature range         | -10 °C ÷ + 60°C                                                                                  |                                              |  |
| Orifice                   | 6,5 mm                                                                                           |                                              |  |
| Flow                      | 650 NI/min a 6 bar at ΔP 1 bar                                                                   |                                              |  |
| Minimum piloting pressure | 1 bar                                                                                            |                                              |  |
| Mounting                  | In any position                                                                                  |                                              |  |
| Materials                 | Body:                                                                                            | Anodised aluminium                           |  |
|                           | Covers:                                                                                          | Delrin 500                                   |  |
|                           | Spool:                                                                                           | Hard aluminium anodized                      |  |
|                           | Distancers:                                                                                      | Fortron 1140 L4                              |  |
|                           | Spring:                                                                                          | Stainless steel AISI 304                     |  |
|                           | Seals:                                                                                           | Hydrogenated Nitrile Butadiene Rubber (HNBR) |  |



| Version              | Symbol | Code   | Item       |
|----------------------|--------|--------|------------|
| 3/2 NC spring return |        | 034201 | A1ME130ANT |



| Version           | Symbol | Code   | Item       |
|-------------------|--------|--------|------------|
| 5/2 spring return |        | 034202 | A1ME150ANT |