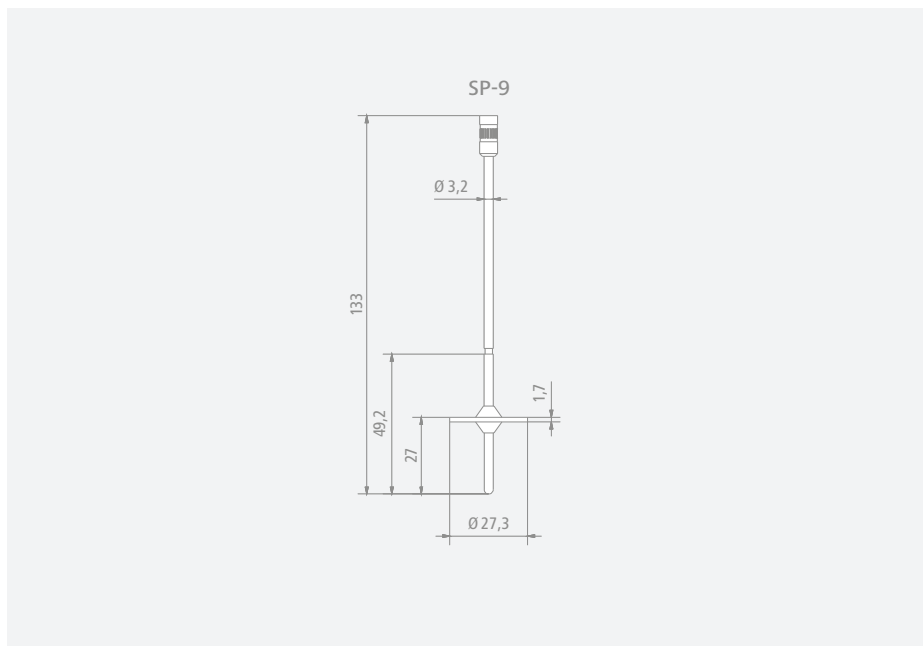


# IKA

designed for scientists

**SP-9**

/// Spindle dimensions (mm)



/// Full-scale range based on speed: 1... 200 rpm

| Spindle    | lo-vi      |            | me-vi      |            | hi-vi I    |            | hi-vi II   |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|            | <i>M%</i>  |            | <i>M%</i>  |            | <i>M%</i>  |            | <i>M%</i>  |            |
|            | <u>100</u> | <u>100</u> | <u>100</u> | <u>100</u> | <u>100</u> | <u>100</u> | <u>100</u> | <u>100</u> |
|            | Min.       | Max.       | Min.       | Max.       | Min.       | Max.       | Min.       | Max.       |
| SP-9       | 93.7       | 18746      | 1000.0     | 200000.0   | 2000.0     | 400000     | 8000       | 1600000    |
| <i>rpm</i> | <u>200</u> | <u>1</u>   | <u>200</u> | <u>1</u>   | <u>200</u> | <u>1</u>   | <u>200</u> | <u>1</u>   |

/// Measuring range base on speed: 0.1... 100 rpm

| Spindle    | lo-vi      |            | me-vi      |            | hi-vi I    |            | hi-vi II   |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|            | <i>M%</i>  |            | <i>M%</i>  |            | <i>M%</i>  |            | <i>M%</i>  |            |
|            | <u>10</u>  | <u>100</u> | <u>10</u>  | <u>100</u> | <u>10</u>  | <u>100</u> | <u>10</u>  | <u>100</u> |
|            | Min.       | Max.       | Min.       | Max.       | Min.       | Max.       | Min.       | Max.       |
| SP-9       | 18.7       | 187460     | 200.0      | 2000000.0  | 400.0      | 4000000    | 1600       | 16000000   |
| <i>rpm</i> | <u>100</u> | <u>0.1</u> | <u>100</u> | <u>0.1</u> | <u>100</u> | <u>0.1</u> | <u>100</u> | <u>0.1</u> |