



elesa  
Original design VHT. GXX

1

2

| d <sub>1</sub> | d <sub>2</sub> H7<br>Bore | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | b    | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | for position indicators<br>GN 000.8<br>Size | GN 000.3<br>Size |
|----------------|---------------------------|----------------|----------------|----------------|------|----------------|----------------|----------------|----------------|---|------------------|
| 85             | B 10                      | 18             | 24             | 58             | 17,5 | 17,5           | 51             | 6              | 18             | 42  | -                |
| 110            | B 12                      | 22             | 28             | 77             | 20   | 22             | 58             | 6              | 18             | 60  | 60               |

### Specification 3

#### Wheel body

- Plastic, Polyamide (PA)
- Glass fiber reinforced
- Operating temperature 0 °C to +100 °C
- Black, matte finish

#### Bushing

- Steel, blackened —
- Stainless steel AISI 303 NI

#### Grub screws

Steel / Stainless steel

RoHS

Handwheels GN 577.8 have a recess in the hub to accept a position indicator GN 000.8 / GN 000.3.

For applications where these handwheels are by choice being used without the position indicators, a hub cap is available to cover the empty recess.

#### Technical Information

|                                 | Page |
|---------------------------------|------|
| ISO Fundamental Tolerances      | QVX  |
| Plastic Characteristics         | QVX  |
| Stainless Steel Characteristics | QVX  |

#### Accessory

|  |     |
|--|-----|
| GN 000.8 Position Indicators (Pendulum System, Analog Indication)            | QVX |
| GN 000.3 Position Indicators (Pendulum System, Digital / Analog Indication)  | QVX |
| GN 576 Hub Caps (for Control Knobs / Handwheels without Position Indicators) | QVX |
| GN 826 Clamping Elements (for Adjustable Spindles)                           | QVX |

#### How to order

GN 577.8-110-B12

1 d<sub>1</sub>

2 d<sub>2</sub>



### Installation sequence

1. Install the handwheel to the spindle and fix it with the screw.
2. Turn the spindle to the starting point (0-position).
3. Move position indicator „by hand“ to the 0-position before mounting it.
4. Install the position indicator into the recess of the hub and fix it with a screw.  
Do not apply unnecessarily excessive torque to avoid deformation of the housing!
5. Rotate the handwheel and ascertain that the starting point of the spindle is aligned with the 0-position of the two pointers (GN 000.8) respectively pointer and counter (GN 000.3).  
Should that not be the case the screw has to be loosened and the position indicator adjusted. Tighten the screw again.