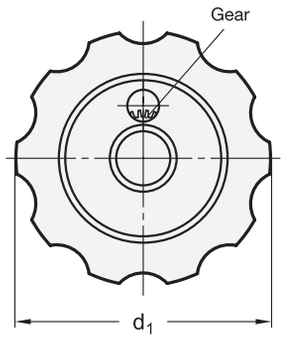

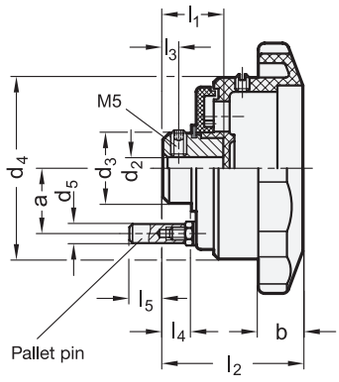

Metric

elesa
Original design VHT-PXX

Metric table

Dimensions in: millimeters - *inches*

1 d_1	2 d_2 H7 Bore	d_3	d_4	d_5 –0.1	a	b	l_1	l_2	l_3	l_4	l_5	For position indicators EN 000.9 Size	For position indicators EN 000.13 Size
85 *3.35*	B 10	18 *0.71*	58 *2.28*	6 *0.24*	19 *0.75*	18.5 *0.73*	20.5 *0.81*	55 *2.17*	5 *0.20*	10.5 *0.41*	14.5 *0.57*	42 *1.65*	-
110 *4.33*	B 12	30 *1.18*	77 *3.03*	6 *0.24*	28.5 *1.12*	20 *0.79*	22 *0.87*	58 *2.28*	6 *0.24*	12 *0.47*	13 *0.51*	60 *2.36*	60 *2.36*

Specification

- Handwheel body
  Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 212 °F (100 °C)
  - Black, matte finish
- Bushing and pallet pin
  Steel, blackened finish
- Screw for pallet pin injected
- Set screw DIN 916
  With internal hex and serrated point
- *ISO Fundamental Tolerances → page 2129*
- *Plastic Characteristics → page 2135*
- RoHS compliant

Accessory

- Position indicators EN 000.9 / EN 000.13 are to be ordered separately

Information

These EN 577.9 multi-lobed handwheels have a recess in the hub to accept EN 000.9 or EN 000.13 position indicators.

The screw is screwed into the pallet pin and secured into position with the hex lock nut. The pallet depth can still be adjusted to a certain extent.

Resistant to solvents, oil, greases and other chemical agents.

If application requires occasional removal of position indicator, handwheel may be ordered upon request with a cover cap to shroud the empty recess.

see also...

- *Cover Disks EN 576 (for Handwheel Applications without Position Indicator) → www.jwwinco.com*
- *Position Indicators EN 000.9 (Positive Drive, with Analog Display) → page 366*
- *Position Indicators EN 000.13 (Positive Drive, with Digital / Analog Display) → page 367*
- *Control Knob Flanges GN 826 (for Adjustable Spindles) → www.jwwinco.com*

How to order		
EN 577.9-85-B10 (1 2)	1	Outside diameter d_1
	2	Bore d_2

Installation instructions

1. Turn spindle into the starting position (0 position).
2. Set the length of the pallet pin and lock in place with hex nut. Make sure that the pin does not sit on the drill hole base after mounting the handwheel.
3. Move the position indicator to the 0 position by turning the outer gear wheel.
4. Hold the (unmounted) handwheel such that the hole for the gear pinion is in the “12 o‘clock“ position and turn the crown wheel until the pallet pin is in the recess bore at the machine body.
5. Carefully insert the position indicator into the hand knob, making sure that the gear pinion engages in the crown wheel. The crown wheel may need to be readjusted slightly during this step. Secure the position indicator with the set screw, avoiding excessive tightening torque to prevent the housing from deforming.
6. Place the handwheel onto the spindle and fix in place with the set screw.
7. Check by turning the handwheel to ensure that the starting position of the spindle and the 0 position of both pointers coincide. If necessary, take out and readjust the position indicator.