

Datasheet

- Positions Indicator wit analogue scale
- With torque support (IF50; IF80)
- With positioning knob -> (on request)
- Window of shock-proof polycarbonate
- Integrated in a hand wheels
- IP-Rating: IP65



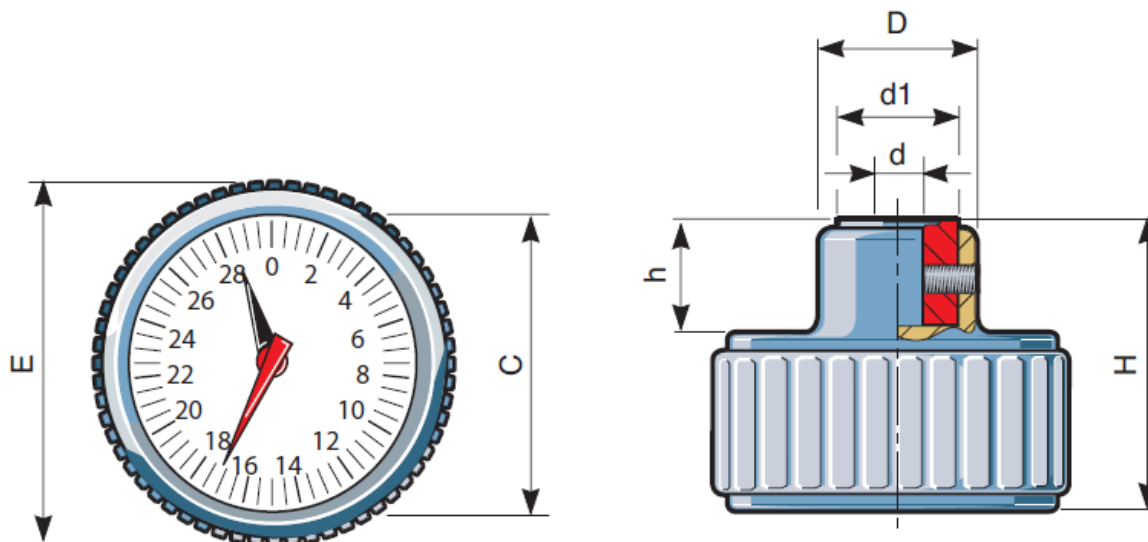
Mechanical Data

In General	
Material	
Case	Metal or Techno polymer
Window	shock-proof Polycarbonate
Hub	Aluminium
Indication	analogue dial scale
Counting Direction	DX clockwise SX anti-clockwise
Hand	
Big Hand	1:1 ratio with hand wheel
Little Hand	Transmission Ratio depending on the required shaft revolution
Transmission Ratio	2:1; 4:1; 6:1; 10:1; 12:1; 20:1; 24:1; 30:1; 36:1
Dial Scale	0-2; 0-4; 0-6; 0-10; 0-12; 0-20; 0-24; 0-30; 0-36
Operating Temperature	< 80°C
IP-Rating	IP65
Accessories	-> Hub with holes Ø8 or Ø10 mm in H7 -> Transversal screw M5 for fixing to the shaft -> With positioning knob -> (on request)
IP50 and IP80	
Applications	horizontal with up to 30° inclined position of shaft
IF50 and IF80 (with torque support)	
Applications	Shafts with any position

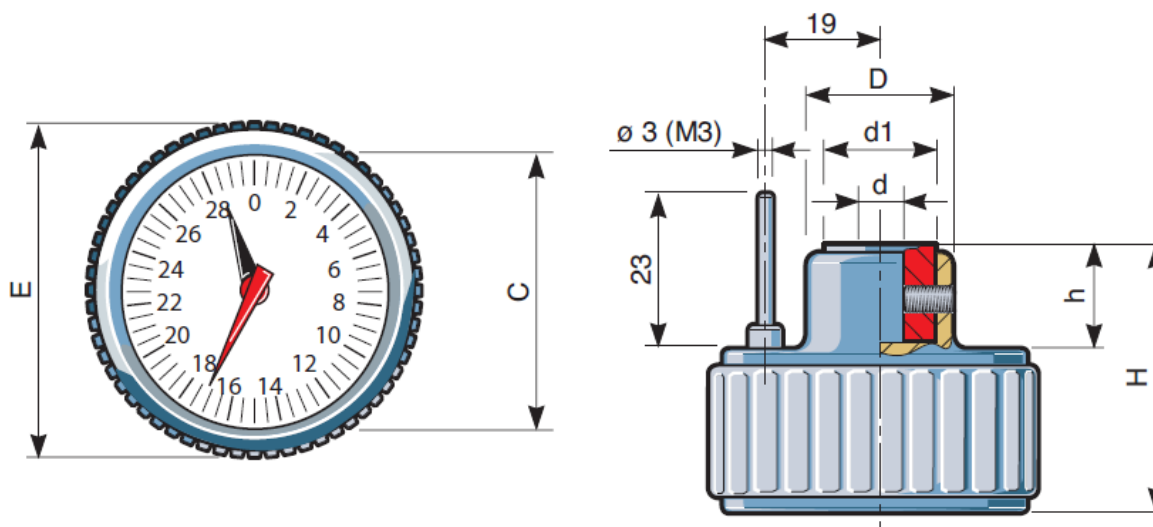
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Dimensions

IP50 – IP80



IF50 – IF80 (with torque support)



Type	E	H	h	D	D1	d	C
IP50 – IF50	52	47	18	24	18	8-10-12	44
IP80 – IF80	80	50	18	28	10	8-10-12	68

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Ordering Example

Type IP50 - 30 - DX - 1Z - 0-30

IP50

IP80

IF50 = with torque support

IF80 = with torque support

Transmission Ratio

30 = 30:1

For further Information, see table

Counting Direction

DX = clockwise

SX = anti clockwise

Number of Hands

1Z = 1 hand

2Z = 2 hands

Dial Scale

0-30 = 0-30

For further Information, see table

Assembling

- Set the drive shaft on the initial adjusting position
- Fix the hand wheel with the pressure screw on the shaft and take care that the instrument is set at the zero (initial) position of the pointers
- Concerning the fixed reaction indicator bear in mind that the lock pin is adjusted on zero at 12 hour.
- Carry out the assembling as described and fix the pin with a bracket.