

Wiper Type EG1 for DIN 28120 Sight Glasses or Derivatives

Usage:

Designed for round sight glasses with a central bore, derived from DIN 8902 or DIN 7080 (see F.T. 00/03/...).

Suitable for sight glasses from DN 50 to DN 400, allowing manual cleaning of the glass surface.

- Maximum wiping diameter: 468 mm.

Operating Conditions:

- Vacuum-tight.
- Pressure resistance: 1 to 6 bar, depending on the glass diameter.
- Maximum operating temperature: 220°C (with borosilicate glass).

Possible Combinations:

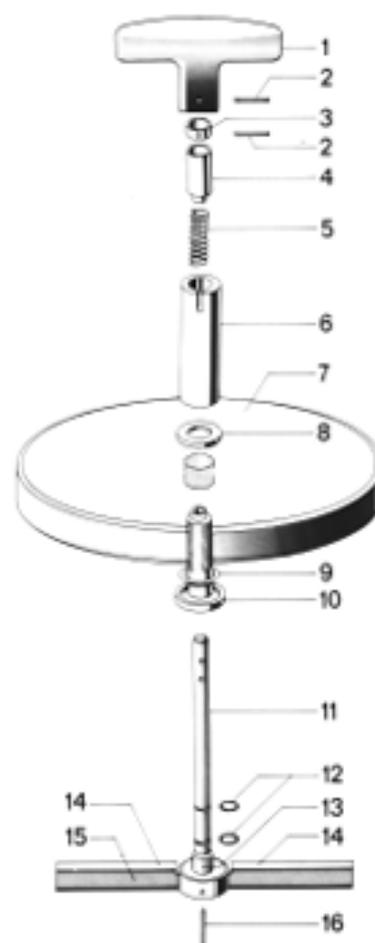
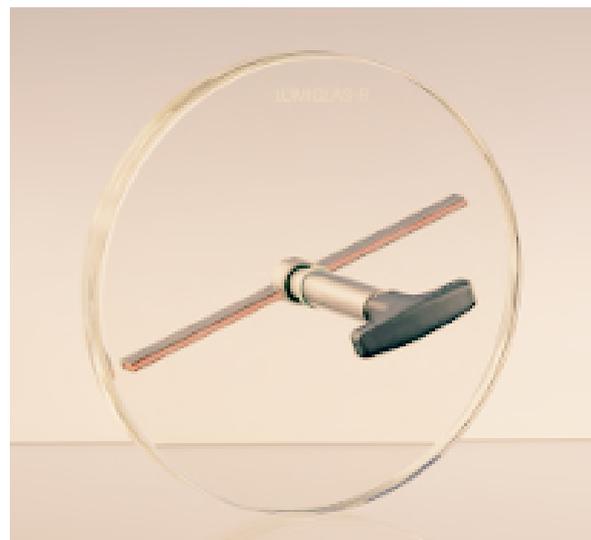
- Can be used with a washer system.
- Compatible with LUMISTAR projectors, starting from a viewing diameter of 125 mm (DIN 28120 - DN 100). See table on the reverse side.
- Also compatible with ATEX motorization.
- Adaptable to various sight glass types and projector systems.

Component List:

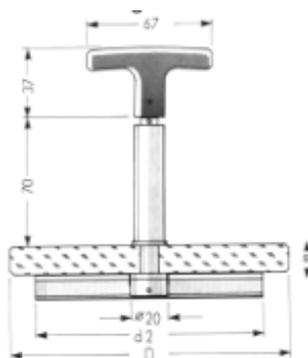
- Pos. 1: T-handle (or ratchet lever (L) or knurled knob (B)).
- Pos. 2: Pins.
- Pos. 3: Sleeve.
- Pos. 4: Sleeve.
- Pos. 5: Spring.
- Pos. 6: Threaded socket.
- Pos. 7: Glass.
- Pos. 8: Flat PTFE gasket.
- Pos. 9: O-ring (Viton or Viton/FEP).
- Pos. 10: Flanged, threaded sleeve.
- Pos. 11: Shaft.
- Pos. 12: O-rings (Viton or Chemraz).
- Pos. 13: Ring.
- Pos. 14: Wiper blade (PTFE, silicone, or EPDM).
- Pos. 15: Wiper blade holder.
- Pos. 16: Pin.

All parts in contact with the product are made of stainless steel 316 Ti, with an option for Hastelloy C276 or C22.

A detailed installation manual is available.



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Size		1	2	3*	4*	5*	6*
DN of the Hublot	DN	50	80	100	125	150	200
Field of view diameter	d1	80	100	125	150	175	225
Glass	D	100	125	150	175	200	250
	s	15	15	15/20	15/20	15/20	15/25
	PN maximum	6	6	4/6	4/6	2/4	1/6
Wiper	d2	77	97	122	147	172	222

* Potential combination with LUMISTAR projector (as standard)

Scores:

Materials: Silicone, Polytetrafluoroethylene.

Available sizes: 3, 4, 5, 6, 7, 8, 9 through 12.

Corresponding lengths: 28.5 mm, 38.5 mm, 51 mm, 63.5 mm, 76 mm, 101 mm.

Sizes 9 to 12 are adjusted based on the glass diameter and the internal diameter of the flange.

Joints:

Viton O-ring:

Ø 12.37 mm, thickness 2.62 mm (as per diagram, position 8).

Ø 4 mm, thickness 1 mm (as per diagram, position 12).

VARIANT:



T-handle (T)



Ratchet lever (L)



Knurled knob (B)

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