

- ▶ Two stainless safety screws per actuator
- ▶ Increased overtravel optional
- ▶ Packaging unit 25 pieces optional

The straight actuator is used on sliding doors or hinged doors with door radii greater than 1000 mm. Safety screws prevent unscrewing of the actuator. The safety screws included can be inserted with a normal tool, but cannot be removed again.

- ▶ **4 mm** for doors with normal play
- ▶ **16 mm** for doors with large play (optional)

Technical drawing of a mechanical part, showing front and side views with dimensions in millimeters (mm).

Front View Dimensions:

- Overall width: 15 mm
- Overall height: 100 mm
- Top section height: 70 mm
- Bottom section height: 20 mm
- Bottom section width: 6 mm
- Bottom section thickness: 15 mm
- Internal hole diameter: $\varnothing 5.5$ mm

Side View Dimensions:

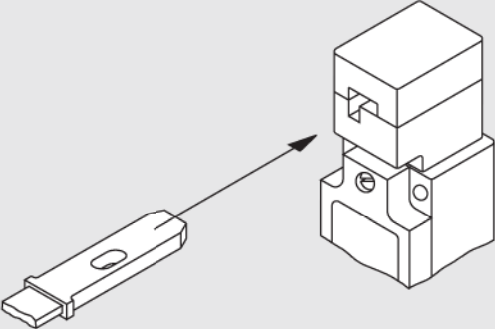
- Overall width: 6 mm
- Overall height: 3 mm

Technical drawing of a mechanical part showing front and side views with dimensions:

- Front View (Left):**
 - Overall width: 15
 - Overall height: 100
 - Top section height: 70
 - Bottom section height: 20
 - Bottom section width: 6
 - Internal hole diameter: $\varnothing 5.5$
 - Internal hole spacing: 15
- Side View (Right):**
 - Overall width: 6

Selection table for actuators

Actuator					
Actuator straight Z-G 016 849 overtravel 4 mm					
		TZ-LE	NZ	TZ-RE	
Actuator straight Z-GME 097 436 overtravel 4 mm					
		TZ-LE	NZ	TZ-RE	
Actuator straight Z-GN 072 251 overtravel 16 mm					
		TZ-LE	NZ	TZ-RE	



Straight actuator
Z-G 016 849
Z-GME 097 436
Z-GN 072 251

Ordering table

Designation	Version	Min. door radius r [mm]	Packaging unit	Order No.
Actuator straight	Z-G 4 mm overtravel incl. 2 safety screws M5 x 10	≥ 1000	1 ea.	016 849 ACTUATOR-Z-G
			25 ea.	074 411 ACTUATOR-Z-G/V25
	Z-GME 4 mm overtravel, made of solid stainless steel incl. 2 safety screws M5x10	≥ 1000	1 ea.	097 436 ACTUATOR-Z-GME
	Z-GN 16 mm overtravel incl. 2 safety screws M5x10	≥ 1000	1 ea.	072 251 ACTUATOR-Z-GN



Actuators for safety switches NZ.VZ, NZ.VZ.VS and TZ

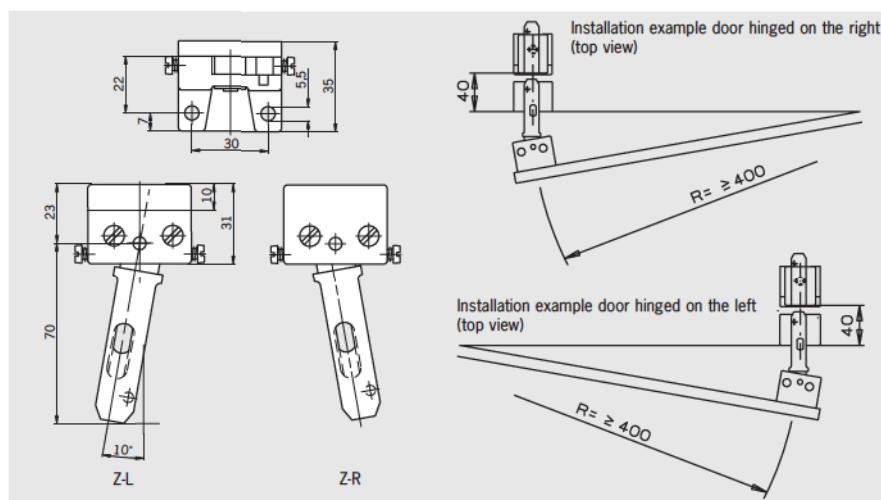
- Two stainless safety screws per actuator
- Smaller door radii optional
- Packaging unit 25 pieces optional

Hinged actuator

For door radii less than 1000 mm a hinged actuator should be used. The spring action movement of the actuator prevents damage due to the actuator jamming in the actuating head. Depending on the movement of the safety guard, the actuator must be selected for left/right or top/bottom.

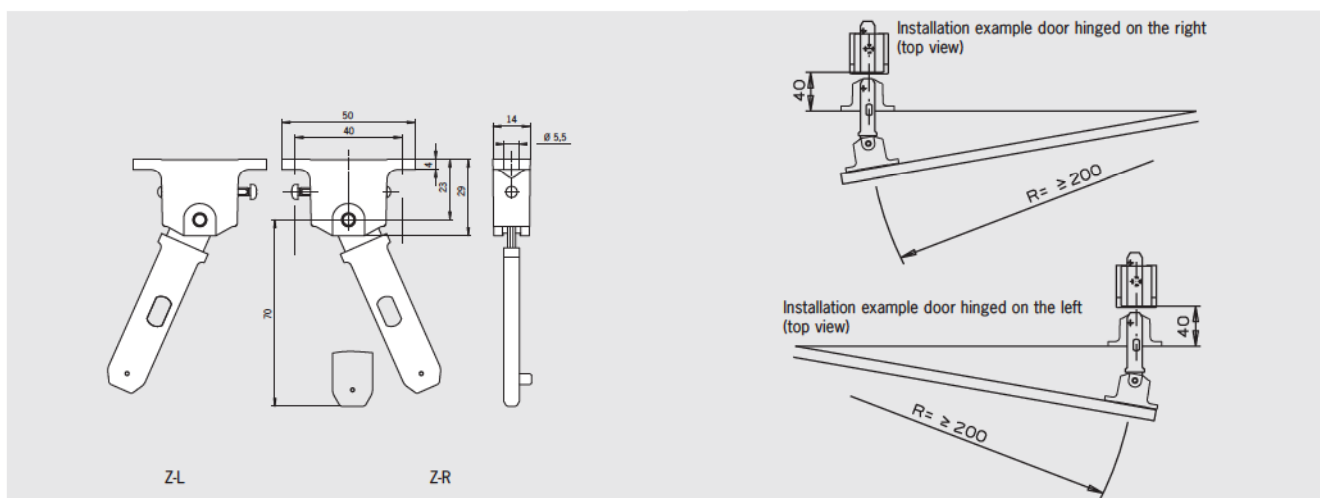
Hinged actuator Z-R/Z-L

Hinged ≥ 400 mm, safety guard hinged on the right/left



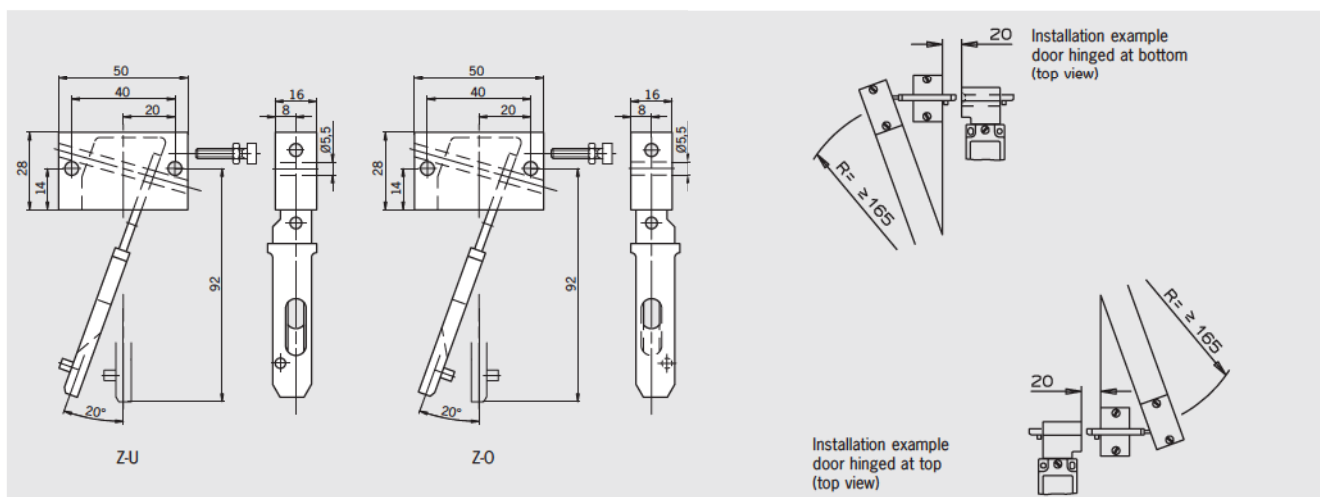
Hinged actuator Z-R-C2194/Z-L-C2194

Hinged ≥ 200 mm, safety guard hinged on the right/left



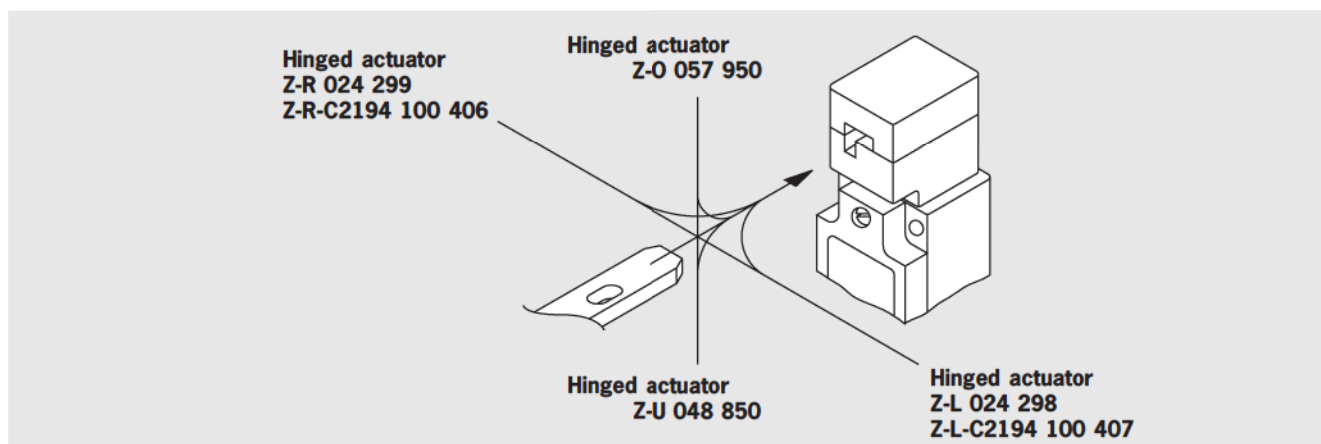
Hinged actuator Z-U/Z-O

Hinged ≥ 165 mm, safety guard hinged at bottom/top



Selection table for actuators

Actuator					
Hinged actuator Z-L 024 298 Z-L-C2194 100 407					
Hinged actuator Z-R 024 299 Z-R-C2194 100 406					
Hinged actuator Z-U 048 850					
Hinged actuator Z-O 057 950					



Ordering table

Designation	Version	Min. door radius r [mm]	Packaging unit	Order No.
Hinged actuator	Z-R Safety guard hinged on the left incl. 2 safety screws M5 x 16	≥ 400	1 ea.	024 299 HINGED ACTUATOR-Z-R
			25 ea.	074 412 HINGED ACTUATOR-Z-R/V25
	Z-L Safety guard hinged on the right incl. 2 safety screws M5 x 16	≥ 400	1 ea.	024 298 HINGED ACTUATOR-Z-L
			25 ea.	074 413 HINGED ACTUATOR-Z-L/V25
	Z-R-C2194 Safety guard hinged on the left incl. 2 safety screws M5 x 10	≥ 200	1 ea.	100 406 HINGED ACTUATOR-Z-R-C2194
			1 ea.	100 407 HINGED ACTUATOR-Z-L-C2194
	Z-L-C2194 Safety guard hinged on the right incl. 2 safety screws M5 x 10	≥ 200	1 ea.	100 407 HINGED ACTUATOR-Z-L-C2194
			1 ea.	100 407 HINGED ACTUATOR-Z-L-C2194
	Z-U Safety guard hinged at bottom incl. 2 safety screws M5 x 25	≥ 165	1 ea.	048 850 HINGED ACTUATOR-Z-U
			25 ea.	074 414 HINGED ACTUATOR-Z-U/V25
	Z-O Safety guard hinged at top incl. 2 safety screws M5 x 25	≥ 165	1 ea.	057 950 HINGED ACTUATOR-Z-O
			25 ea.	074 415 HINGED ACTUATOR-Z-O/V25