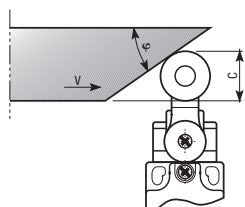


Operating features

A



Lever with roller

Drives: E-I-F-FR/50-Q-IS-FR-F/50

Drive cam operating parameters

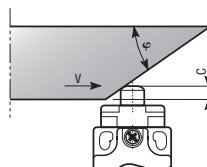
φ	V max (m/s)	c (% of total travel)
30°	1,5	
45°	1	80
60°	0,75	
60°-90°	0,25	

Drive forces (E102-E202-E302)

Minimum command force	15 Ncm
Minimum forced opening force	35 Ncm

Drive force (E402)

Minimum command force	25 Ncm
Minimum forced opening force	45 Ncm



Lateral action piston

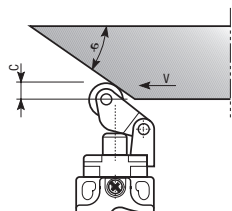
Drive: A

Drive cam operating parameters

φ	V max (m/s)	c (% of total travel)
30°	0,5	60 to 80
20°	1	50 to 70

Drive force

Minimum command force	9 N
Minimum forced opening force	26 N



Lever with side action roller

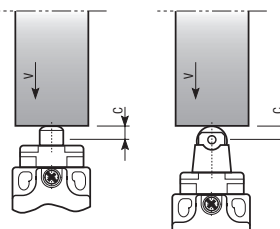
Drives: C-R

Drive cam operating parameters

φ	V max (m/s)	c (% of total travel)
30°	1	80
20°	1	

Drive force

Minimum command force	9 N
Minimum forced opening force	26 N

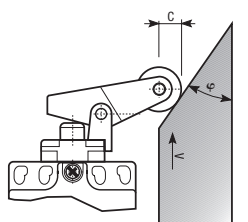


Piston, piston with vertical action roller

Drives: A-B

Drive cam operating parameters

V max (m/s)	c (% of total travel)
1	80



Lever with vertical action roller

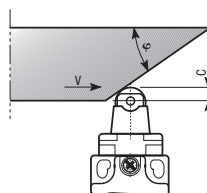
Drives: D-R

Drive cam operating parameters

φ	V max (m/s)	c (% of total travel)
30°	1	80
20°	1	

Drive force

Minimum command force	8 N
Minimum forced opening force	26 N



Piston with side action roller

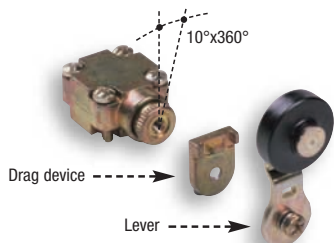
Drive: B

Drive cam operating parameters

φ	V max (m/s)	c (% of total travel)
30°	0,5	60 to 80
20°	1	50 to 70

Drive force

Minimum command force	9 N
Minimum forced opening force	28 N

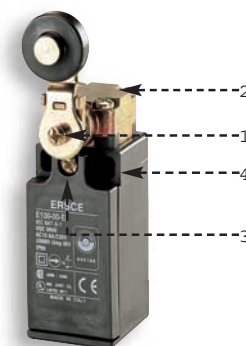
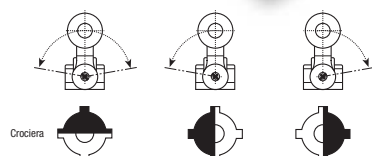


Screw tightening torque

1. Tighten the lever holding screws with a torque of 1.2 to 1.5 Nm
2. Tighten the head holding screws with a torque of 0.7 to 0.8 Nm (plastic) and 0,8÷1 Nm (metal)
3. Tighten the cover holding screws with a torque of 0.7 to 0.8 Nm (plastic) and 0,8÷1 Nm (metal)
4. Tighten the fixing screws of the unit with a torque of 2 to 2.5 Nm

Lever drive heads

- The lever can be adjusted by shifting the **lever** and **drag device**
- The lever can be activated to the left or right only or in both directions by adjusting the **cross joint**

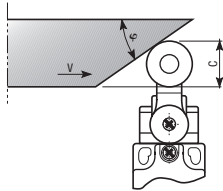


Operating features

A

Lever with roller

Drive: E



Drive cam operating parameters

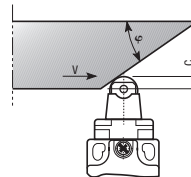
φ	V max (m/s)	C (% of total travel)
30°	1,5	80
45°	1	
60°	0,75	
60°-90°	0,25	

Drive force

Minimum command force	4 Ncm
Minimum forced opening force	8 Ncm

Lateral action piston with roller

Drive: B-B/90°-BL-BL/90°



Drive cam operating parameters

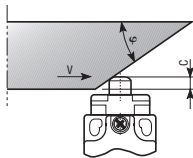
φ	V max (m/s)	C (% of total travel)
30°	0,5	60 to 80
20°	1	50 to 70

Drive force

Minimum command force	8 N
Minimum forced opening force	18 N

Piston with side action

Drive: A-AS-AL



Drive cam operating parameters

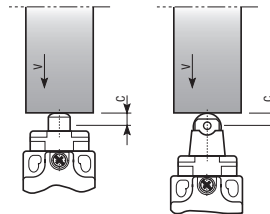
φ	V max (m/s)	C (% of total travel)
30°	0,5	60 to 80
20°	1	50 to 70

Drive force

Minimum command force	8 N
Minimum forced opening force	18 N

Piston with vertical action roller

Drive: A-AS-AL-B-B/90°-BL-BL/90°



Drive cam operating parameters

V max (m/s)	C (% of total travel)
1	80