

Spring hinges aluminium profile with damping

Item description/product images



Description

Material:

Aluminium 6082 T5.

Version:

Aluminium, transparent anodised.

Note:

These hinges have integrated damping. This enables doors and hatches to be gently opened (Form A) and closed (Form B). In addition, the hinges are equipped with a lift-assist mechanism that facilitates opening doors and hatches.

The hinges are suitable for horizontal and vertical applications.

The direction of the damper is indicated by the arrow in the drawing.

The opening angle is limited to 115° to avoid damaging the damping system.

A faster opening or closing of the doors or hatches must not be forced, as this can damage the damper.

Damping torque from 1.7 to 2.5 Nm.

The spring torque varies depending on the item.:

Opening spring torque for K2330.8215000: $M(180^\circ)$: 2.7 Nm / $M(65^\circ)$: 3.69 Nm.

Opening spring torque for K2330.8215001: $M(180^\circ)$: 1.45 Nm / $M(65^\circ)$: 2.29 Nm.

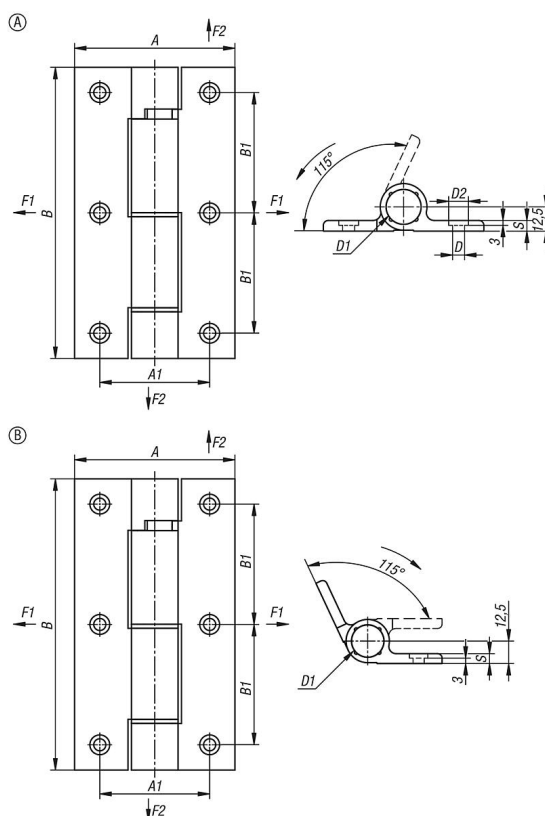
Closing spring torque for K2330.8215010: $M(0^\circ)$: 2.68 Nm / $M(115^\circ)$: 3.65 Nm.

Closing spring torque for K2330.8215011: $M(0^\circ)$: 1.45 Nm / $M(115^\circ)$: 2.28 Nm.

Temperature range:

from 0 °C to +40 °C.

Drawings



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Overview of items

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| Order No. | Version 1 | Version 2 | Form | Form definition | A | A1 | B | B1 | D | D1 | F1 N | F2 N | S |
|----------------------|---------------|----------------|------|-----------------|------|------|-----|----|-----|------|---------|---------|-----|
| K2330.8215000 | spring open | horizontal use | A | soft opening | 82,5 | 56,5 | 150 | 62 | 6,2 | 10,2 | 8000 | 16000 | 5,5 |
| K2330.8215001 | spring open | vertical use | A | soft opening | 82,5 | 56,5 | 150 | 62 | 6,2 | 10,2 | 8000 | 16000 | 5,5 |
| K2330.8215010 | spring closed | horizontal use | B | soft closing | 82,5 | 56,5 | 150 | 62 | 6,2 | 10,2 | 8000 | 16000 | 5,5 |
| K2330.8215011 | spring closed | vertical use | B | soft closing | 82,5 | 56,5 | 150 | 62 | 6,2 | 10,2 | 8000 | 16000 | 5,5 |