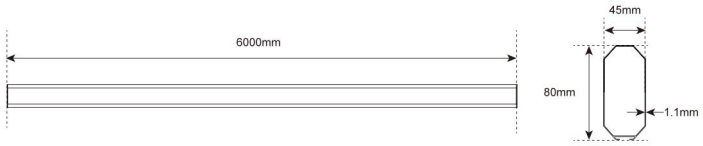
Swing Away Barrier Arm

SXK-BAS01

An octagonal aluminum barrier arm used with a dedicated swing-away holder. The holder allows the arm to swing horizontally out of its closed position when impacted, while the barrier operator provides normal vertical opening and closing.







Dedicated swing-away holder and associated hardware | Supply scope to be confirmed

Nominal section	Selectable length	Nominal wall	Required connection
80 x 45 mm	1 to 4 m	1.0 mm	Dedicated swing-away holder

Product highlights

Controlled swing-out. The matched holder provides the horizontal release function. Release behaviour depends on the selected mechanism and installation.

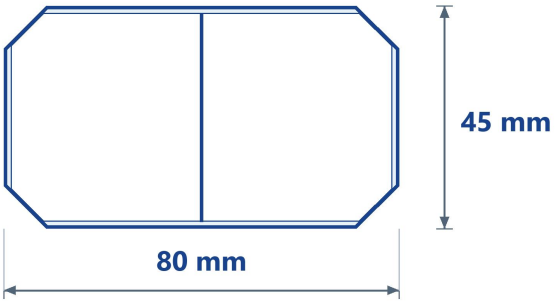
Clear warning surface. White painted aluminum with red warning and reflective markings provides a visible lane barrier.

Matched mechanical assembly. Select the arm, dedicated holder and operator together. Confirm the supply scope for the holder and associated hardware when ordering.

Dimensions and specifications

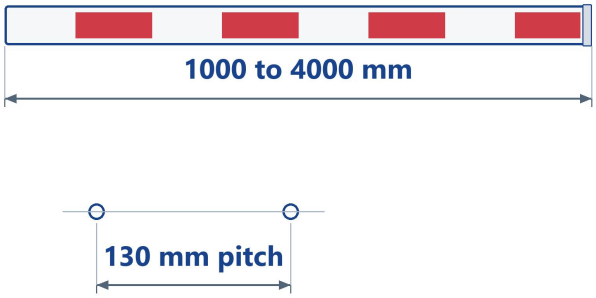
The arm uses an 80 x 45 mm octagonal profile. The dedicated swing-away holder must match both the arm root and the barrier operator interface.

OCTAGONAL SECTION



Nominal wall 1.0 mm

ARM LENGTH AND MOUNTING



Hole diameter and edge offsets match the holder.

Nominal dimensions in mm | Profile, web and drilling views are schematic

Parameter	Specification
Product type	Barrier arm with horizontal swing-away release through a dedicated holder
Construction	Aluminum alloy octagonal arm
Nominal arm section	80 x 45 mm
Nominal wall thickness	1.0 mm
Length range	1 to 4 m; specify the required finished length
Surface and markings	White painted aluminum with red warning / reflective strips
Mounting pitch	130 mm arm reference pitch; final pattern must match the dedicated holder
Reference gross weight	4kg; configuration and packing scope dependent
Normal movement	Vertical raising and lowering by the compatible barrier operator
Impact movement	Horizontal swing-out through the matched release holder
Required accessory	Dedicated swing-away arm holder; confirm supply scope
Reset and release settings	Follow the instructions for the selected holder and operator

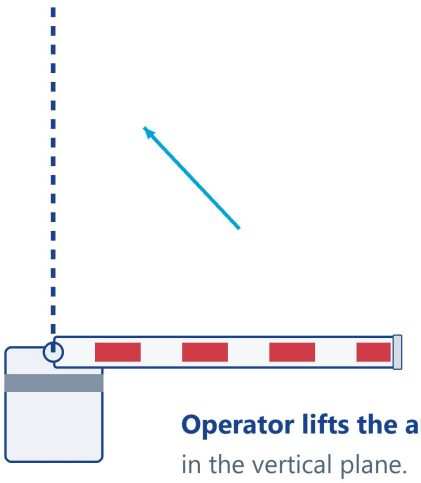
Dimensions are nominal, in millimetres unless stated. The profile drawing does not define the holder geometry, release angle, hole diameter or release threshold.

Movement and holder integration

Normal barrier operation and impact release occur in different planes. Allow space for both movements and use the dedicated holder specified for the operator.

NORMAL OPERATION

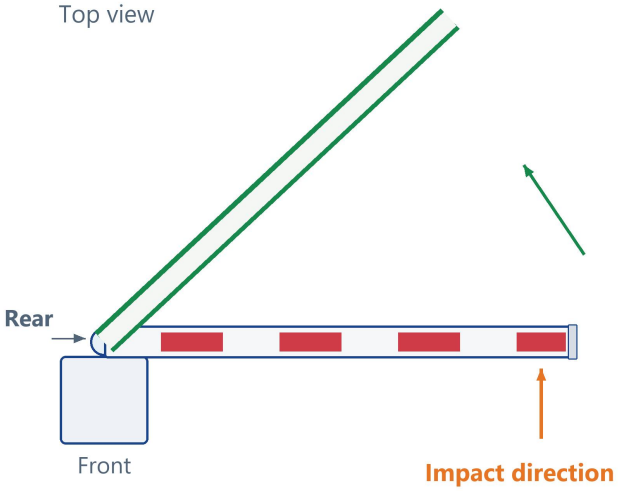
Side view



Operator lifts the arm
in the vertical plane.

IMPACT RELEASE

Top view



Dedicated holder permits horizontal swing-out.

REQUIRED MATCHED ASSEMBLY

Barrier operator	→	Dedicated swing-away holder	→	80 x 45 mm arm
Shaft and drive interface		Matched release mechanism		Selected length 1 to 4 m

Order the compatible holder with the arm; confirm whether the holder and hardware are included.

Installation and return to service

01 Match the dedicated holder. Confirm operator shaft interface, holder handedness, arm profile, fixing pattern and the release direction. Keep the horizontal swing path clear.

02 Balance and commission. Fit the complete matched assembly, adjust the operator balance and check normal travel limits. Test the connected vehicle protection devices.

03 Inspect after a release. Stop automatic operation and check the arm, holder, pins and fasteners. Replace damaged or consumable release components as required by the holder instructions.

04 Reset and verify. Restore the arm using the specified holder procedure. Verify retention, alignment and normal movement before returning the lane to service.

If the selected holder provides a release status contact, connect and test it according to the operator fixing method.

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Specifications are subject to change without notice. Please confirm final configuration and certifications with our sales team before ordering.