

About Actions of Dynamic Blocks — GstarCAD 2027

4986 kbadmin September 25, 2026 [Command Reference](#) 0 5

About Actions of Dynamic Blocks

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Actions define how the geometry of a dynamic block reference will move or change when the custom properties of the block reference are manipulated in a drawing.

Move Action

Command Line: BACTIONTOOL > M

In a dynamic block reference, a move action causes objects to move a specified distance and angle. A move action associated with a parameter such as a point, a linear, a polar, an XY parameter, etc, moves all objects in a selection set in a/any direction.

Scale Action

Command Line: BACTIONTOOL > S

A scale action associated with a parameter such as a linear, a polar, an XY parameter, and so on, scales the selected objects in the direction of the parameter. Users can manipulate the grips in different way by changing the properties and values in the Properties palette.

Stretch Action

Icon:

Command Line: BACTIONTOOL > T

In a dynamic block reference, a stretch action causes objects to move and stretch a specified distance in a specified location. A stretch action associated with a point, a linear, a polar, an XY parameter, etc.

Polar Stretch Action

Command Line: BACTIONTOOL > P

In a block reference, a polar stretch action rotates, moves, and stretches objects a specified angle and distance when the key point on the associated polar parameter is changed through a grip or the Properties palette. A polar stretch action can only be applied to a polar parameter.

Rotate Action

Command Line: BACTIONTOOL > R

A rotate action is always associated with a rotate parameter. Selected objects can be rotated freely, or the way the grips are manipulated is different in the Properties palette.

Icon:

Flip Action

Command Line: BACTIONTOOL > F

A flip action is always associated with a flip parameter.

Array Action

Command Line: BACTIONTOOL > A

An array action is associated with a linear, a polar, an XY parameter, etc, copies and arrays selected

Icon:

objects in different ways.

Lookup Action

Command Line: BACTIONTOOL > L

A lookup action can only be associated with a lookup parameter. A lookup action assigns custom properties and values to a dynamic block, to enable reverse lookup for a lookup property and value.

Other versions with matching text

[2023](#) · [2024](#) · [2025](#) · [2026](#)

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