REPLACING BLF… ACTUATORS WITH BFN…RANGE

Data Sheet
04.21



OLD BLF….



NEW BFN…

The BLF... 4Nm range of fire/smoke spring return actuators has been discontinued and is now replaced with the new BFN… 7Nm range.

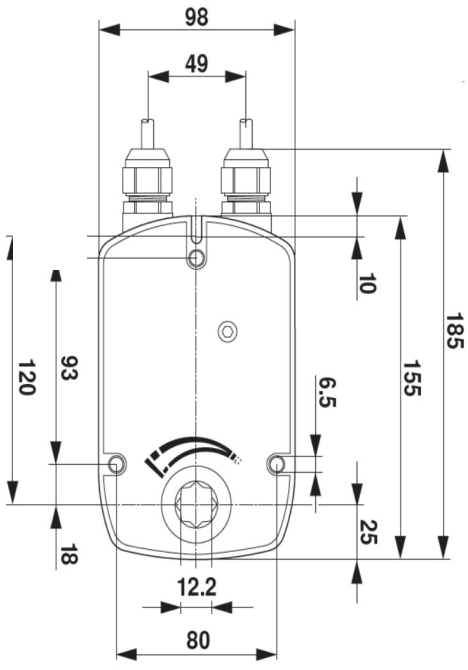
OLD	OPERATION	REPLACEMENT
BLF24	24V Drive open spring closed, with auxiliary switches	**BFN24**
BLF24-T	24V Drive open spring closed with auxiliary switches & thermal fuse	**BFN24-T**
BLF230	230V Drive open spring closed, with auxiliary switches	**BFN230**
BLF230-T	230V Drive open spring closed with auxiliary switches & thermal fuse	**BFN230-T**
BLF24-SR	24V 2..10V Modulating open/close with spring closed, with auxiliary switches	**BFN24-SR**

Note: - Only the most popular BFN… actuators are listed above, for any other models please contact MHServices.

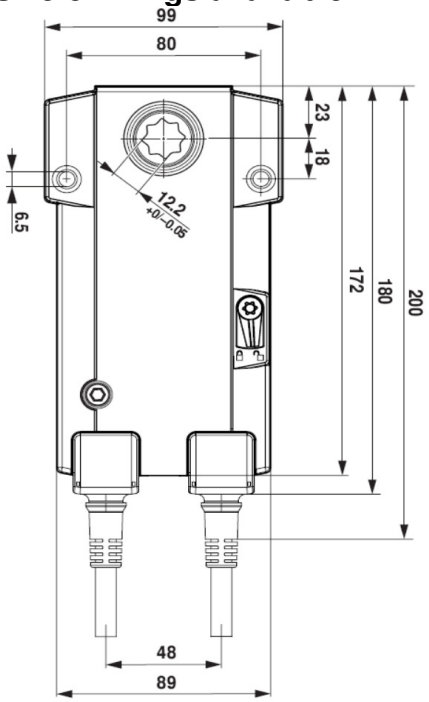
The new BFN…range is wired and operates in exactly the same manner as the old BLF, however its overall size is slightly larger than the old BLF range. Both actuator ranges are designed to fit a 12mm square fire/smoke damper square drive shaft, the square drive ensures a positive drive with no slippage possible.

If fixing the new actuator to an old support bracket you will find that the 2 x fixing holes on the new BFN are the same pitch as the 2 x fixing holes on the old BLF, you should be able to pick these fixings up without a problem.
One point to Note: -
The old BLF had an anti-rotation fixing slot at the rear end of the actuator, however the new BFN range does not have this anti-rotation fixing facility available.
Therefore the 2 x central fixing holes on the new BFN are now the only recommended mounting method available and these fixings will be sufficient to support the new actuator.

BLF.. Size & fixings available



BFN.. Size & fixings available



If you require further technical help with any of the above please contact MHServices for further information.

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