

Mounting the Positioner and Attaching the Feedback Lever

- Standard Mounting (Fork Lever Type)

Mount the bracket to the actuator. The brackets have been designed for actuators with the 80 X 30mm NAMUR accessory pattern. For the 130 X 30mm pattern, the block type bracket is available.



DHCT Bracket (80 X30)

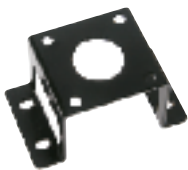


Block Type Bracket (130 X 30)

Mount the fork lever to the actuator and thread it into the actuator first before mounting the positioner and the bracket to the actuator.

Once the bracket has been mounted to the actuator, mount the positioner to the bracket with the bolts (2-M8 or 3-M8). Be sure that the feedback lever (feedback lever shaft + fork lever) is in perfect alignment with a rotary actuator output shaft. The spring pin of the feedback lever shaft acts as a guide and should be placed in the orifice of the fork lever. Please note that linearity and hysteresis will suffer if these alignment and placement are not correct.

- Direct Mounting (NAMUR Type, see the right picture)



NAMUR Type Bracket
(80 X 30 X 20)



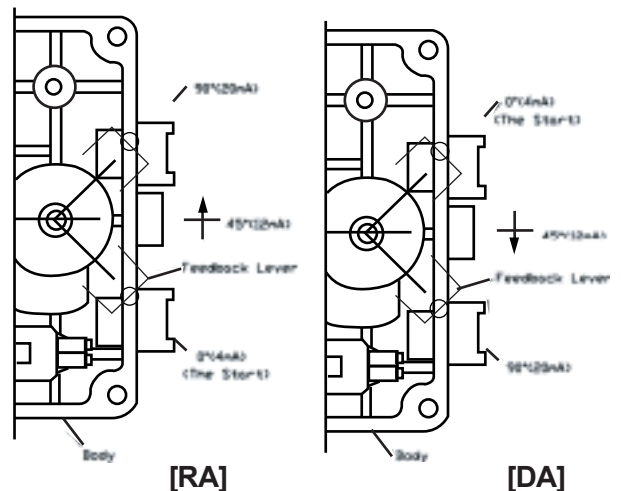
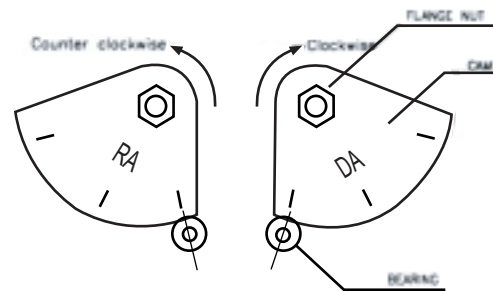
NAMUR Type Bracket
(130 X 30 X 30)

Cam and Indicator Adjustment

Loosen the flange nut on the cam. Match the part of the cam with "0" marked on it with the center of bearing as shown to the right. The span adjusting arm unit should now be aligned.

Tighten the flange nut of the cam after setting the cam.

After cam installation, proceed to adjust zero and span. Once this is complete, secure the indicator with the bolt (M6) to the feedback shaft according to the actuator type (RA or DA) as shown below. The position for the indicator should be arranged in the scale (0-90 degrees) shown on the cover.



! Be sure that RA (reverse acting) is the standard factory setting.