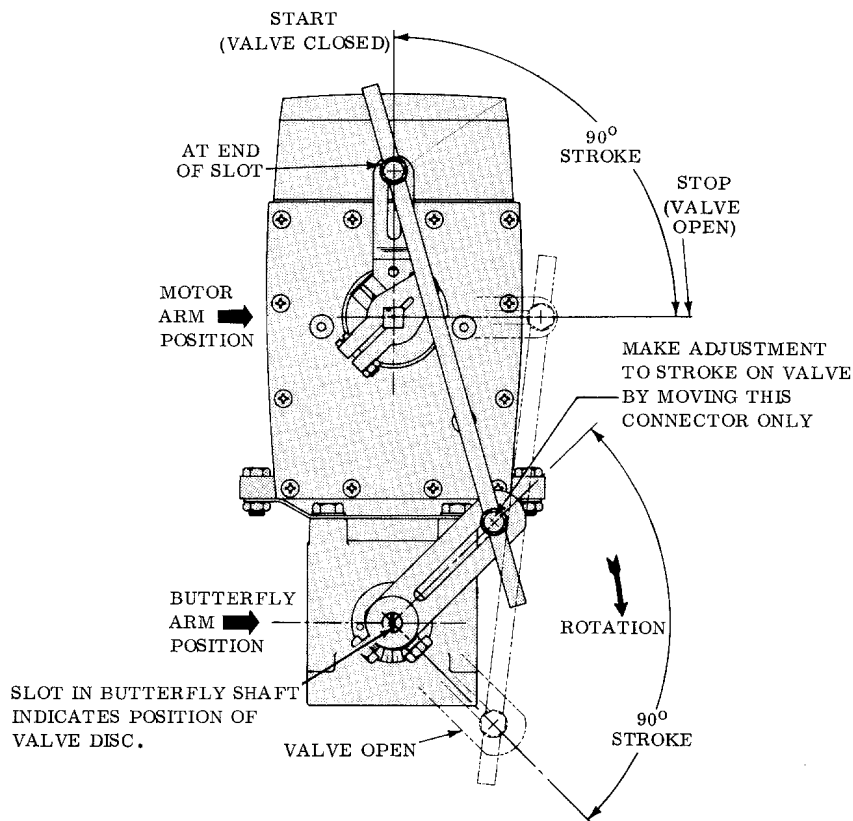
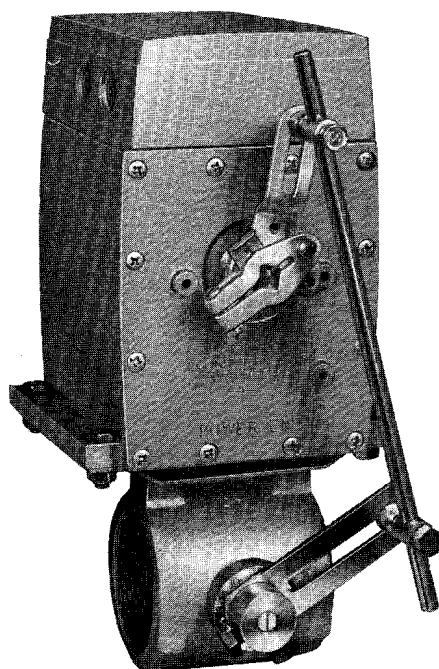


ECLIPSE INFORMATION GUIDE
LINKAGE ADJUSTMENT FOR AUTOMATIC BUTTERFLY
VALVES WITH 90° MOTOR OPERATOR

Info 720

10/78



1. Crank arm on motor is vertical for start of stroke.
2. Make all adjustments to linkage with motor in low fire position. Never adjust linkage when motor is in any other position. Care must be taken to prevent the linkage from binding and stalling the motor.
3. Swivel connector should be near end of motor arm on initial adjustment. Change stroke on valve arm connector only.
4. Slot on Butterfly Valve shaft indicates valve position.
5. Adjust butterfly valve to be closed at beginning of stroke. Customer must adjust the minimum opening of butterfly at jobsite for the required low flow condition.
6. Stroke of butterfly crank arm shall be adjusted to provide 85° normal full opening to a maximum of 90° opening of butterfly valve. 85° opening is preferred to prevent binding of the linkage. The last 5° of rotation produces very little change of flow.
7. DO NOT exceed 90° stroke on butterfly valve as the valve begins closing again as the rotation exceeds 90° stroke.
8. 90° stroke drive motors must be used on all butterfly valves.
9. When supplied from the Eclipse factory mounted to the butterfly valve, Honeywell and Penn Motors are adjusted to 90° stroke. When supplied separately, or from the manufacturer, motors must be checked by the customer and adjusted, if necessary, for 90° stroke.