

SPRING RETURN "DEADMAN" HANDLES



Spring return "deadman" handles will help you meet OSHA requirements or plant specifications where a valve must return to the closed position after operation. Unlike a standard lever handle or gear operator which will remain in the last position, our assemblies ensure that the handle will always spring return to its original, pre-designated starting position.

Spring handles are available for most quarter-turn valve types through 400 inch pounds output torque. These handles are available for retrofitting in the field.

HANDLE SPECIFICATIONS

SPRING CASE:

DIE CAST ZINC ALLOY WITH EPOXY FINISH

COVER SHIELD:

NYLON

SHAFT:

STAINLESS STEEL

LEVER:

STAINLESS STEEL*

(*FOR STANDARD HANDLES;

ON CUSTOMIZED HANDLES, CARBON STEEL IS USED)

*FAIL SAFE HANDLES FOR
BALL VALVES AND BUTTERFLY VALVES*

*AVK CARBO-BOND CAN MOUNT TO
VIRTUALLY ANY VALVE TYPE, MAKE OR MODEL*

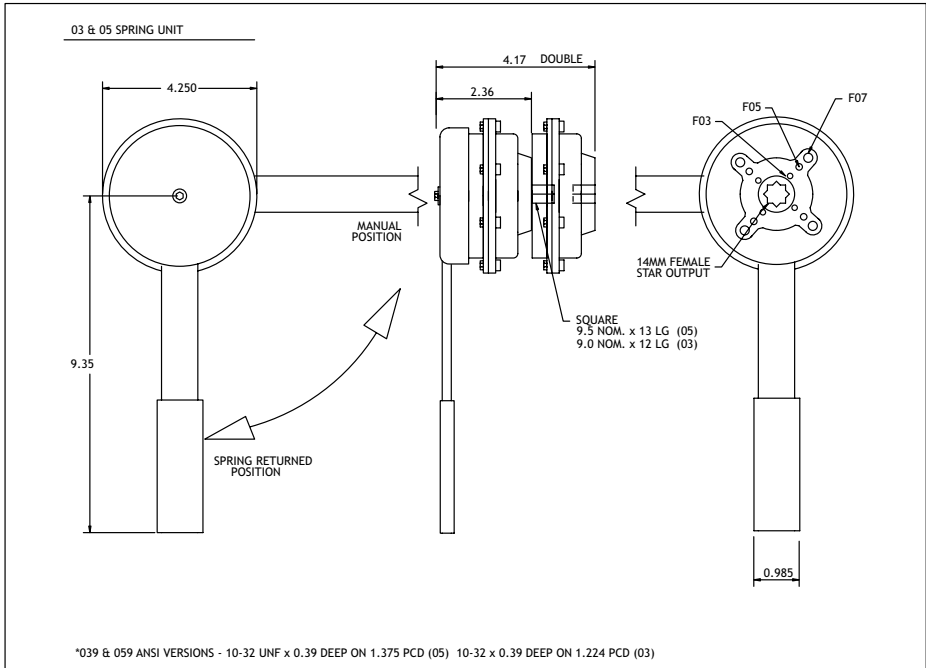
*NEW ISO MOUNT ALLOWS FOR DIRECT MOUNTING
TO ISO BALL AND BUTTERFLY VALVES*

*FUSIBLE LINKS ALSO AVAILABLE FOR
FIRE SAFE APPLICATIONS*

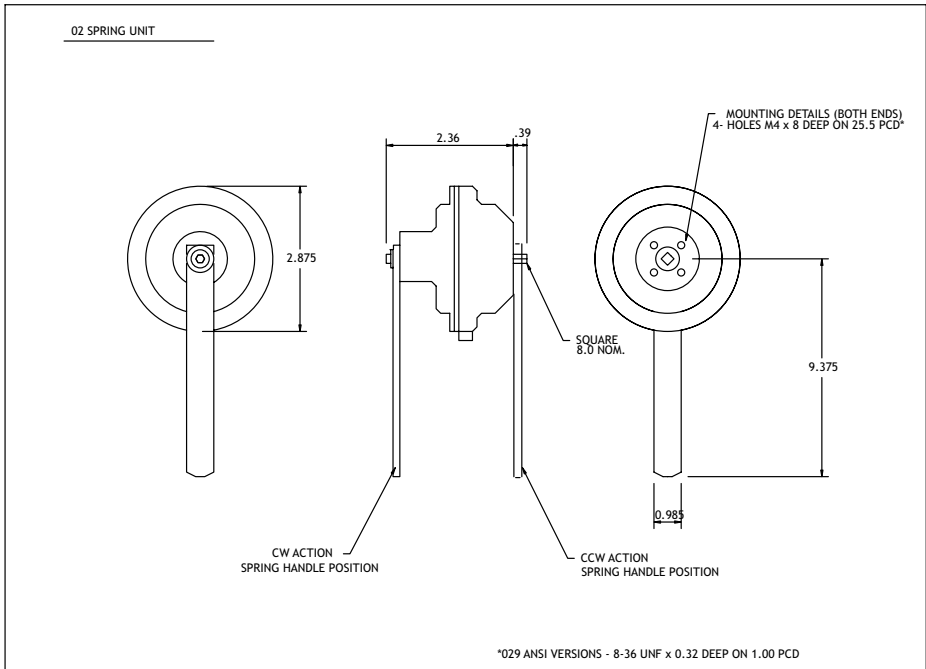
FEATURES

- *MANUAL UNIT CANNOT BE LEFT IN THE WRONG POSITION*
- *RELIABLE LOW STRESS CLOCK STYLE SPRINGS*
- *WEATHERPROOF SEALED SPRING HOUSING*
- *CLOCKWISE OR COUNTERCLOCKWISE ROTATION AVAILABLE*
- *TOUGH CORROSION RESISTANT EPOXY PAINT*
- *HEAVY DUTY CUSTOMIZED MOUNTING KIT (STAINLESS OR CARBON STEEL)*
- *AVAILABLE IN FACTORY ADJUSTED TORQUES FROM 36 TO 400 IN LBS*
- *CUSTOMIZED SPRING HANDLES UP TO 830 INCH POUNDS SPRING END AVAILABLE*

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ISO PAD FOR DIRECT MOUNT
The 03 version is available with F03, F04 and F05 mounting flanges and the 05 versions are available with F03, F05 and F07 flanges.



| MODEL NUMBER | SPRING START TORQUE | SPRING END TORQUE | HANDLE SIZE |
|-----------------|---------------------|-------------------|-------------|
| 029-020-1006 | 45 | 36 | 4.33" |
| 039-020-1006 | 123 | 97 | 9.35" |
| 059-020-1006 | 210 | 179 | 9.35" |
| 059-020-1007 | 400 | 349 | 9.35" |
| 079-020-DEADMAN | 450 | 375 | 20" |
| 089-020-DEADMAN | 625 | 530 | 24" |
| 099-020-DEADMAN | 925 | 830 | 30" |