

JACKSHAFT ASSEMBLY

ITEM	PART NUMBER	DESCRIPTION
1	36-0179-01	BEARING MOUNT ASSEMBLY
2	36-0215-01	TRUNNION
3	36-0061	CELCON BEARING
4	36-0054	NYLON SPACER WASHER
5	36-0063-01	3/4" GALVANIZED STEEL PIPE
6	36-0168-05	HEAVY-DUTY DRIVE ARM ASSEMBLY
7	27-0011	1/2-13 UNC PLATED HEX NUT
8	31-0007	PLATED FLAT WASHER
9	12-0002	5/16" x 9" LONG ALUMINUM ROD
10	21-0035	1/4-20x5/8" HEX HEAD CAP SCREW
11	29-0002	LOCK WASHER
12	36-0007	COTTER PIN
13	36-0187	3/4" GALVANIZED PIPE COUPLING
14	36-0180	MOUNTING STRAPS

BASED ON MAXIMUM APPLIED TORQUE OF 5 IN/LBS PER SQ. FT. (OF DAMPER/LOUVER). THE FOLLOWING LIMITATIONS ARE ESTABLISHED FOR A SINGLE JACKSHAFT WITH A SINGLE ACTUATOR:

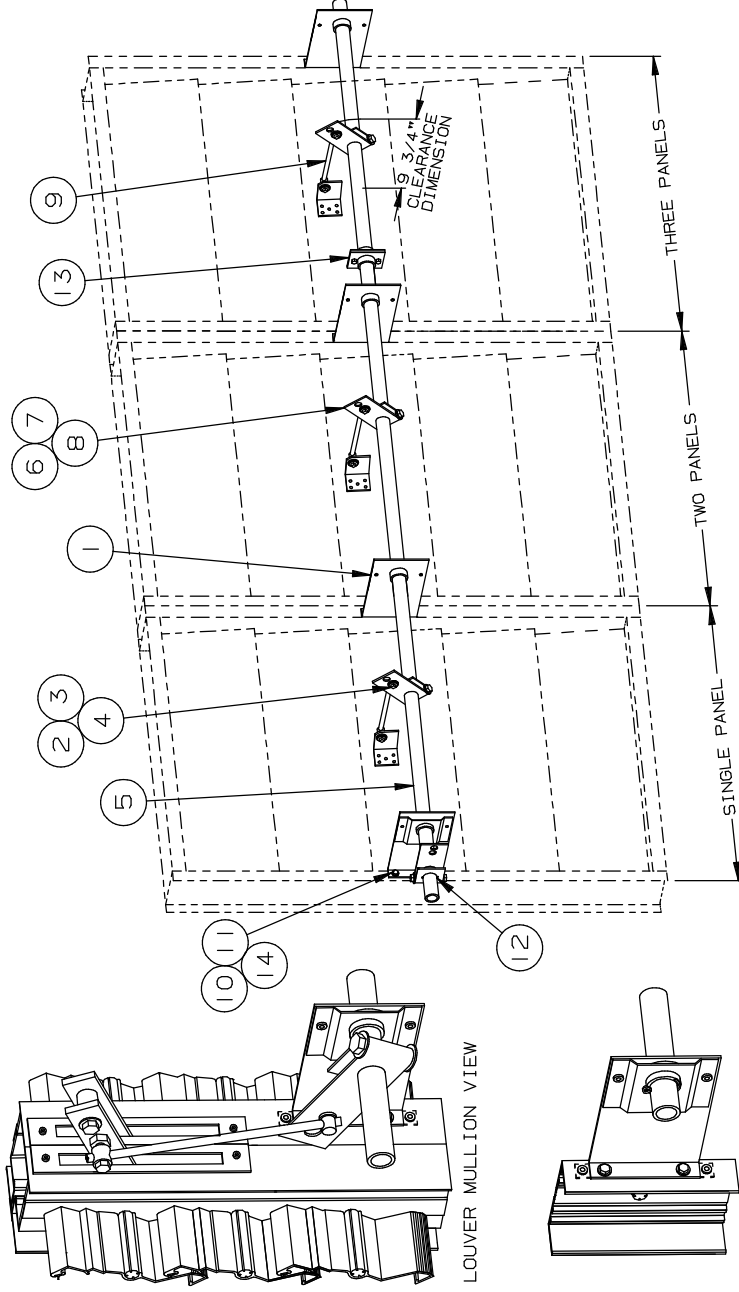
PANELS DRIVEN	EXTERNAL DRIVE	INTERNAL DRIVE
UP TO THREE (3)	100 SQ. FT.	100 SQ. FT.
FOUR (4)	80 SQ. FT.	100 SQ. FT.
FIVE (5)	50 SQ. FT.	100 SQ. FT.
SIX (6)	36 SQ. FT.	100 SQ. FT.

A SECOND ACTUATOR ** APPLIED TO THE OPPOSITE END (FOR EXTERNAL DRIVE) OR EQUALLY SPACED (FOR INTERNAL DRIVE) PRODUCES THE FOLLOWING LIMITATIONS.

PANELS DRIVEN	EXTERNAL DRIVE	INTERNAL DRIVE
UP TO THREE (3)	200 SQ. FT.	200 SQ. FT.
FOUR (4)	200 SQ. FT.	200 SQ. FT.
FIVE (5)	200 SQ. FT.	200 SQ. FT.
SIX (6)	200 SQ. FT.	200 SQ. FT.

* THE ACTUATOR MUST BE NEAR THE CENTER OF JACKSHAFT LENGTH.

** CAUTION: FAILURE OF ONE ACTUATOR MAY CAUSE DAMAGE TO THE SECOND ACTUATOR OR TO THE JACKSHAFT.



JACKSHAFT ASSEMBLY

FOR USE WITH DAMPERS AND LOUVERS OF STANDARD CONSTRUCTION IN STANDARD APPLICATIONS FOR SINGLE OR MULTIPLE PANEL OPERATION.

- NOTES:
1. WHEN JACKSHAFTS ARE ORDERED, EITHER EXTERNAL (AS SHOWN) OR INTERNAL DRIVE MUST BE SPECIFIED. FOR INTERNAL, THE CRANK ARM FOR THE ACTUATOR WILL BE LOCATED NEAR THE CENTER OF JACKSHAFT ASSEMBLY.
 2. DURING FIELD INSTALLATIONS THE JACKSHAFT CRANK ARMS ARE TO BE ALIGNED WITH THE DRIVE CLIPS ON DAMPER OR LOUVER CRANK ARMS. CRANK ARM PERFORMANCE THAT REQUIRES EXCESSIVE FORCE TO SET OR THAT ALL PANELS WILL OPEN AND CLOSE SIMULTANEOUSLY. A WRENCH TORQUE OF 35 FT. LBS. IS RECOMMENDED FOR SECURING THE CRANK ARMS ON THE JACKSHAFT.
 3. UNLESS OTHERWISE SPECIFIED, JACKSHAFTS WILL BE LOCATED NEAR THE CENTER OF LOUVER/DAMPER HEIGHT.



UNION MADE



ARROW UNITED INDUSTRIES
A DIVISION OF MESTEK, INC.
314 RIVERSIDE DRIVE
WYALUSING, PA 18853
TEL: (570) 746-1888 FAX: (570) 746-9286
WEB ADDRESS: WWW.ARROWUNITED.COM

VIEWS OF
JACKSHAFT MOUNTING