



10. MIN/MAX TEMPERATURE FOR ELECTRICAL COMPONENTS: +41°F TO +104°F
9. UNIT WILL RETAIN POSITION WHEN TURNED OFF SO NO HOMING FUNCTION IS NECESSARY DURING NORMAL USE.
8. NOISE LEVEL: 48dB(A); MEASURING METHOD DS/EN ISO 3743-1, WHEN ACTUATOR IS NOT LOADED.
7. DUTY CYCLE: MAX 10% OR 2 MINUTES CONTINUOUS USE FOLLOWED BY 18 MINUTES NOT IN USE.
6. THE RAISE AND LOWER SPEED IS FIXED AT 11.5 INCHES/MINUTE AND IS NOT ADJUSTABLE. BUTTONS CAN BE JOGGED TO RAISE AND LOWER SLOWER IF DESIRED.
5. INPUT POWER: 100-240VAC, 50-60HZ, 300W. A STANDARD CABLE WITH A 3 PRONG POWER PLUG (NEMA 5-15R) IS PROVIDED. THIS CABLE IS ONLY 11 FEET LONG SO AN EXTENSION CORD MAY NEED TO BE USED TO POWER UNIT.
4. FINISH OPTIONS:
- a. STANDARD FLOTRON FINISHES (SHOWN) - FLOTRON BLUE POWDER COATED END FRAMES, GEARBOX PAINTED FLOTRON BLUE, ZINC PLATED STEEL OR BLACK OXIDE FASTENERS, MISC. HARDWARE, AND COMPONENTS. STANDARD LUBRICANTS.
  - b. N FINISH - FLOTRON BLUE POWDER COATED END FRAMES, GEARBOX PAINTED FLOTRON BLUE, NICKEL PLATED COMPONENTS (NO ZINC), STAINLESS STEEL, OR BLACK OXIDE FASTENERS AND MISC. HARDWARE. STANDARD LUBRICANTS.
  - c. CLEAN ROOM COMPATIBLE FINISHES C FINISH- SKY WHITE POWDER COATED END FRAMES, GEARBOX PAINTED GLOSS WHITE EPOXY, NICKEL PLATED COMPONENTS (NO ZINC), STAINLESS STEEL FASTENERS AND MISC. HARDWARE. OPEN-ENDED TUBES NICKEL PLATED. KRYTOX GPL 207 LUBRICANT ON CASTERS & TRUNNION SHAFTS, SYNCO - SUPER LUBE SYNTHETIC GREASE WITH PTFE LUBRICANT ON JACKS. BELLOWS COVER PROVIDED TO CONTAIN ANY EXPOSED LUBRICANTS ON ACTUATOR INNER RAM.
3. CONFIGURATION SHOWN ON THIS SHEET: XD-747-EML-IND15-P8-B048  
FOR ADDITIONAL FIXTURE OPTIONS SEE CONFIGURATION SECTION ON FLOTRON WEBSITE.
2. LOAD RATING: 1,300 LBS @ 4.15" MAX ECCENTRICITY CONSIDERING A SIMULTANEOUS 1/2G SIDE LOAD (WORST CASE DIRECTION) AND A 1G VERTICAL LOAD. SF<sub>y</sub>=3 & SF<sub>ult</sub>=5. MAX TORQUE ON GEARBOX 5,400 IN-LBS (2,000 IN-LBS MAX EASY CRANK)
1. WEIGHT IN TITLE BLOCK DOES NOT INCLUDE PAYLOAD.
- NOTES:

**OPTIONAL PROOF LOAD TEST PROCEDURE - 200% RATED LOAD & 100% RATED TORQUE**  
(IF PROOF LOAD TEST IS REQUIRED SPECIFY "PLT" IN CONFIGURATION)

1. RAISE INTERFACES TO HIGHEST POSITION.
2. ADD A SIMULTANEOUS 2,600 LB (MINIMUM) VERTICAL LOAD & 5,400 IN-LB (MINIMUM) TORQUE
3. HOLD LOAD FOR 5 MINUTES MINIMUM
4. CUSTOMER MAY WITNESS TEST
5. PAINT AND PLATING COVERS ALL WELDS
6. VISUAL INSPECT ONLY FOR CRACKS, DEFORMATION, ETC.
7. IF JACK OPTION IS CHOSEN, TEST FIXTURE ON BOTH CASTES AND JACKS (5 MINUTES EACH).

**PROPRIETARY**  
This Drawing is the property of FLOTRON, Inc. and is not to be used, copied or reproduced in any way other than for the particular purpose for which it is provided, and when said purpose has been fulfilled, it should be destroyed or returned to FLOTRON, Inc.

TOLERANCES UNLESS OTHERWISE SPECIFIED		FRACTION DEC ANGLES		2630 PROGRESS STREET VISTA, CALIFORNIA 92081 http://www.flotron.com
±.03 XX	±.010 XXX	±5°		
(ELECTRO-MECHANICAL LIFT) FIXTURE				SCALE: 1 : 8 SIZE: D
WT: 445.5 lbmass		Cad software: Inventor		SHEET 1 OF 1