

5. PROOF LOAD TEST OPTIONAL.

4. CONFIGURATION SHOWN: SFPE-635-P1-SB10-B30-C1

3. FINISH OPTIONS:

- A. "STANDARD" FLOTRON FINISHES CLASS 10K (ISO 7 CLEANROOM COMPATIBLE FINISHES) 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 CLASS 10K (ISO 7 CLEANROOM COMPATIBLE FINISHES) 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. **"C"** FINISH CLASS 1K (ISO 6 CLEANROOM COMPATIBLE FINISHES) CLEAN ROOM COMPATIBLE FINISHES, 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 CASTER SWIVEL BEARINGS,TRUNNION SHAFTS, AND JACKS (IF APPLICABLE).
- LOAD RATING: 500 LBS @ 2.55" MAX ECCENTRICITY CONSIDERING A SIMULTANEOUS 1/3G SIDE LOAD (WORST CASE DIRECTION) AND A 1G VERTICAL LOAD. SFy=2 & SFult=3. MAX TORQUE ON GEARBOX 1,275 IN-LBS (700 IN-LBS MAX EASY CRANK) LOAD RATING: 335 LBS @ 2.53" MAX ECCENTRICITY CONSIDERING A SIMULTANEOUS 1/3G SIDE LOAD (WORST CASE DIRECTION) AND A 1G VERTICAL LOAD. SFy=3 & SFult=5. MAX TORQUE ON GEARBOX 850 IN-LBS (700 IN-LBS MAX EASY CRANK)
 MULTANEOUS 1/3G SIDE LOAD (WORST CASE DIRECTION) AND A 1G VERTICAL LOAD. SFy=3 & SFult=5. MAX TORQUE ON GEARBOX 850 IN-LBS (700 IN-LBS MAX EASY CRANK)
- 1. WEIGHT IN TITLE BLOCK INCLUDES 500 LB PAYLOAD.

(50.66) MAX SHOWN (31.01) MIN (43.61) MIN (43.61) MIN (11.44) CG

-60:1 RATIO NON BACK DRIVING GEARBOX

LATERAL STABILITY WITH 500 LB PAYLOAD: 11.44 / 33.53 = .34G

OPTIONAL CASTERS:

- A. (BLANK) STANDARD SWIVEL CASTERS WITH TECH LOCK BRAKES AND Ø5" X 2" WIDE POLYURETHANE WHEELS. (NOT SHOWN)
- B. (C1) HEAVY DUTY IMPAK SWIVEL CASTERS WITH SWIVEL LOCKS, TREAD LOCK BRAKES AND Ø5" X 2" WIDE POLYURETHANE WHEELS.
- C. **(C2)** SWIVEL CASTERS WITH CONDUCTIVE WHEELS, TECH-LOCK BRAKES AND Ø5" X 2" WIDE WHEELS. (NOT SHOWN)
- D. (C3) HEAVY DUTY IMPAK SWIVEL CASTERS WITH SWIVEL LOCKS, TREAD LOCK BRAKES AND Ø5" X 2" WIDE ELASTOMER WHEELS TO IMPROVE ROLLABILITY. (NOT SHOWN)
- E. (C4) Ø5" X 2" WIDE SPRING-LOADED CASTERS WITH URETHANE WHEELS WHICH ISOLATES SHOCK AND VIBRATION. INCLUDES SWIVEL LOCKS AND BRAKES. (NOT SHOWN)

PROPRIETARY This Drawing is the pro

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NOTES:



	TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTION DEC. ANGLES		ISS FIED ANGLES	FLOTR	RON® 2630 PROGRESS STREET VISTA, CALIFORNIA 92081 http://www.flotron.com				
	±.03 .xx	±.010 .xxx	±.5°						
				P8 INTERFACE ASSY (PLAIN)					
pperty of FLOTRON, Inc. and is not to									
roduced in any way other than for the which it is provided, and when said led, it should be destroyed or returned.				SCALE	SIZE				
				1:8	D				
				WT: 712.7 lbmass	Cad sof	tware: Inventor	SHEET	1 0	F 4



"PLT" STANDARD PROOF LOAD TEST

PLT STANDARD PROOF LOAD TEST PROOF LOAD TEST PROCEDURE:

DEAD WEIGHT LOAD (NO ROTATION), VISUAL INSPECTION

- 1. STATIC PROOF LOAD TEST.
- 2. VERTICAL LOAD ONLY.
- 3. 200% VERTICAL LOAD FOR SFy=3 & 150% FOR SFy = 2, BOTH SCENARIOS @ 100% TORQUE.
- 4. HOLD LOAD FOR 5 MINUTES MINIMUM.
- 5. CUSTOMER MAY WITNESS TEST.
- 6. PAINT AND PLATING COVERS ALL WELDS.
- 7. VISUALLY INSPECT FOR CRACKS, DEFORMATION, ETC.

A DELIVERABLE PROOF LOAD TEST REPORT WILL BE PROVIDED. THE REPORT WILL INCLUDE A SUMMARY OF THE TEST PROCEDURE, ACTUAL MEASURED WEIGHT OF LOAD APPLIED, VISUAL INSPECTION RESULTS, AND IMAGES OF THE TEST BEING PERFORMED.





"J1, J2, J3, J4" STABILIZING JACKS





NOTES:

purpose has been fulfilled, it should be destroyed or returne

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