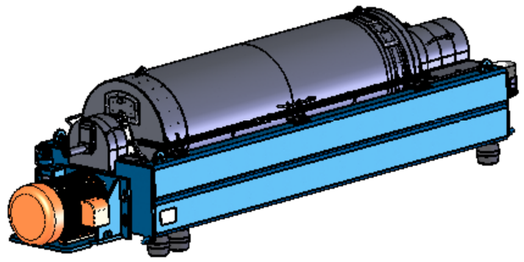
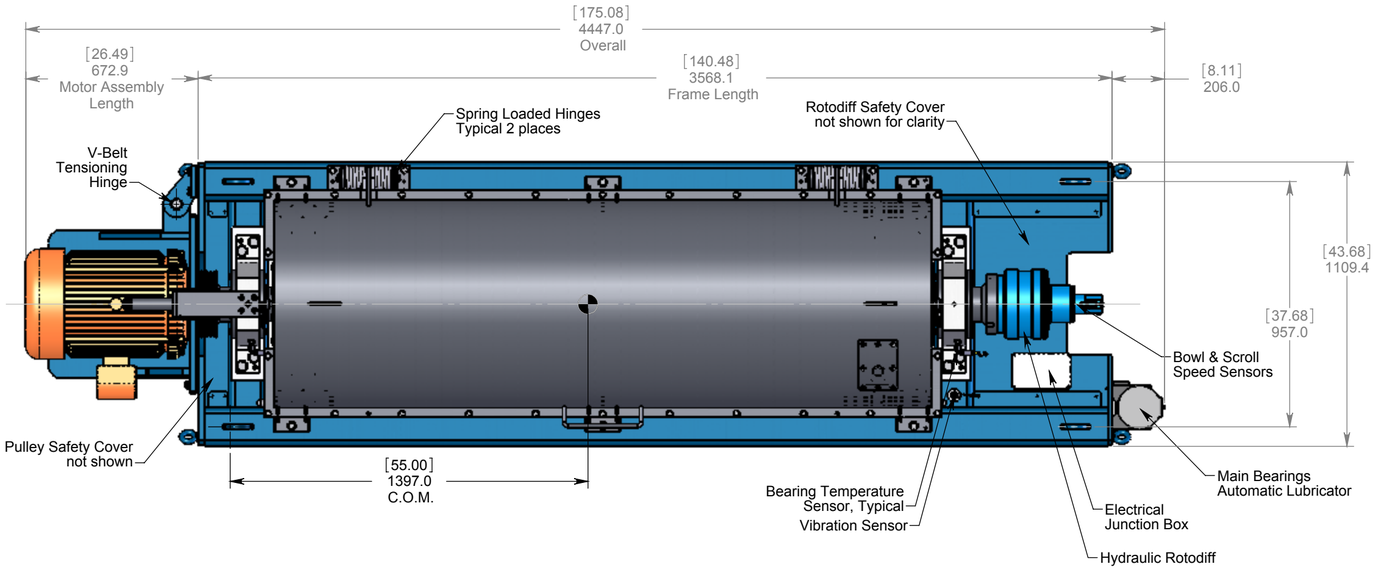
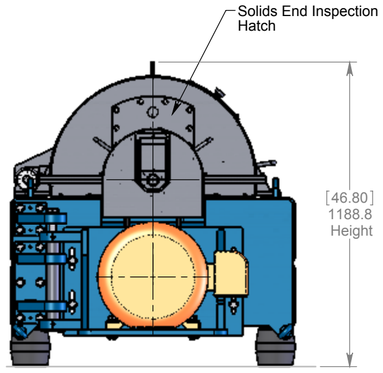
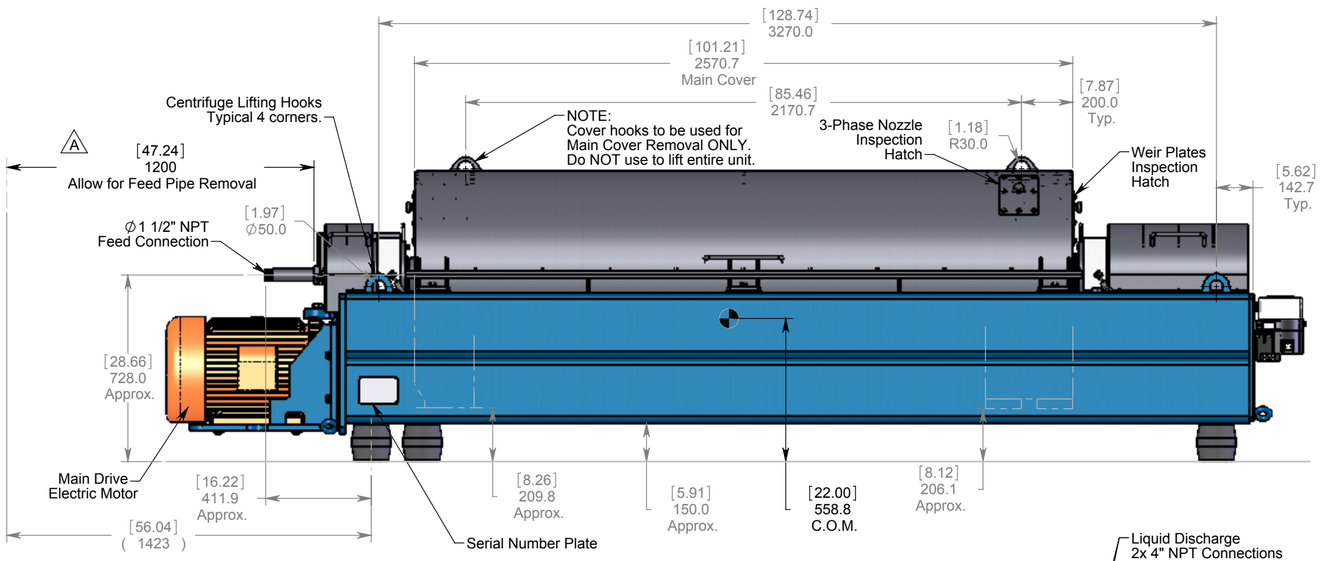
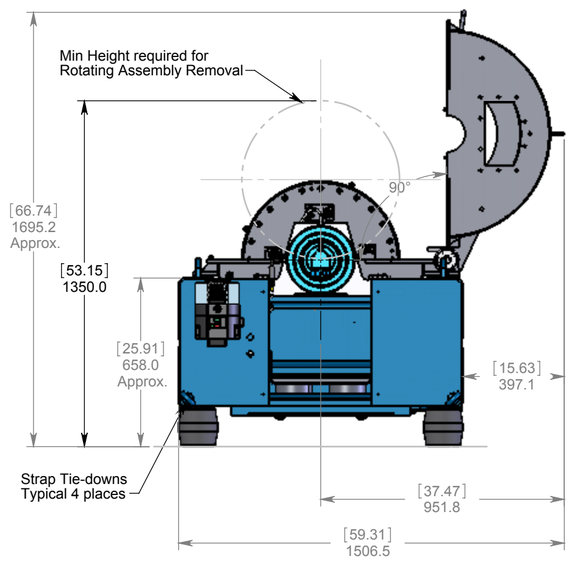
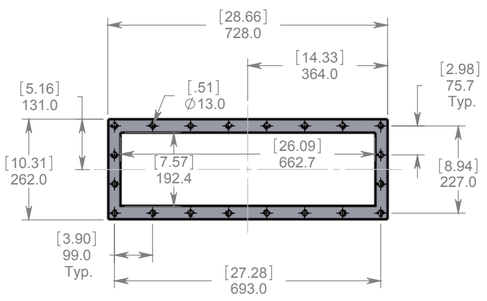




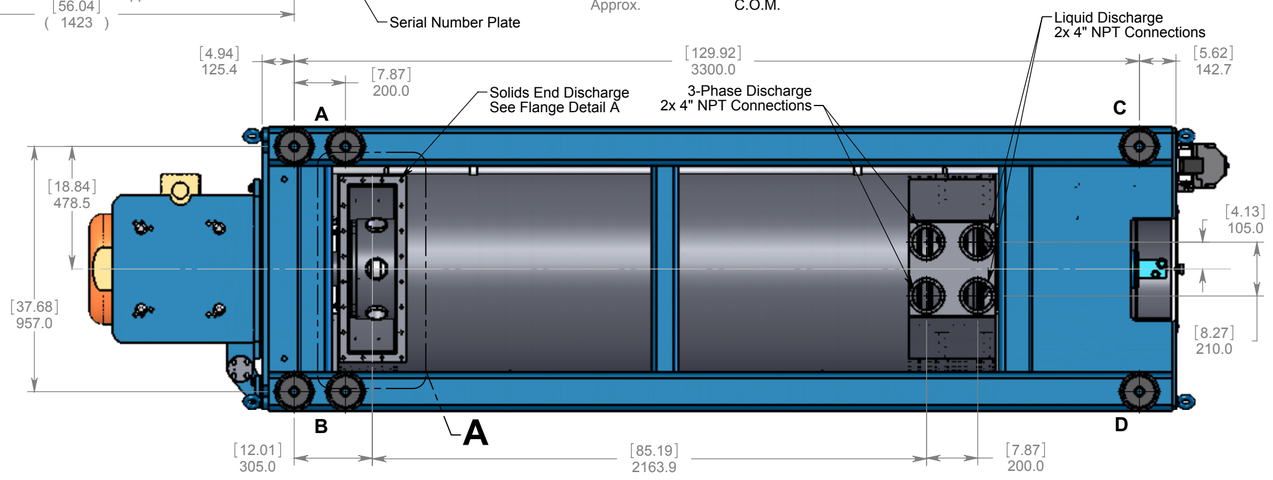








Flange Detail A
Typical 2 places



WEIGHTS:

Rotating Assembly.....4400 lbs. (1996kg)

Bowl Filling with Specific Gravity of 1.0.....615 lbs. (279kg)

Complete Centrifuge (without Bowl Filling).....8300 lbs. (3765kg)

Static Load below each corner of complete Centrifuge

Front	Rear
A = 2450 lbs. (1110kg)	C = 1700 lbs. (772kg)
B = 2450 lbs. (1110kg)	D = 1700 lbs. (772kg)

Additional Dynamic Load at corners (in percent of Static Load)

Location	At Operating Speeds	At Passing Isolator Resonant Frequency
Vertical	5%	30%
Horizontal	1%	6%

Isolator Resonant Frequency- 4.7 - 8.3 Hz (280 - 500 MIN)

REV.	DATE	DESCRIPTION	INITIALS	ECN
A	6/23/08	Added Note, COM, Revised Motor Note	A.A.	n/a

REVISION TABLE

REVISE ON CAD ONLY

centrisys
CENTRIFUGE SYSTEMS
9586 58th Place
Kenosha, WI 53144
Tel: (262) 654-6006
Fax: (262) 654-6063

Designed by: L.G.	Date: 9/5/06	3rd Angle Projection	Material[s]: N/A
Drawn by: L.G.	Date: 9/5/06		
Chk'd by:	Date:		Estimated weight [lbs]: 8300 lbs.
Approved by:	Date:		

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF CENTRISYS.

Title: Cs21-4 3-Phase Centrifuge
Outline & Foundation

Project:

Part #: 15723 | Drawing #: M-C15723

Sht: 1 OF 1 | Scale: 1:18 | REV-A