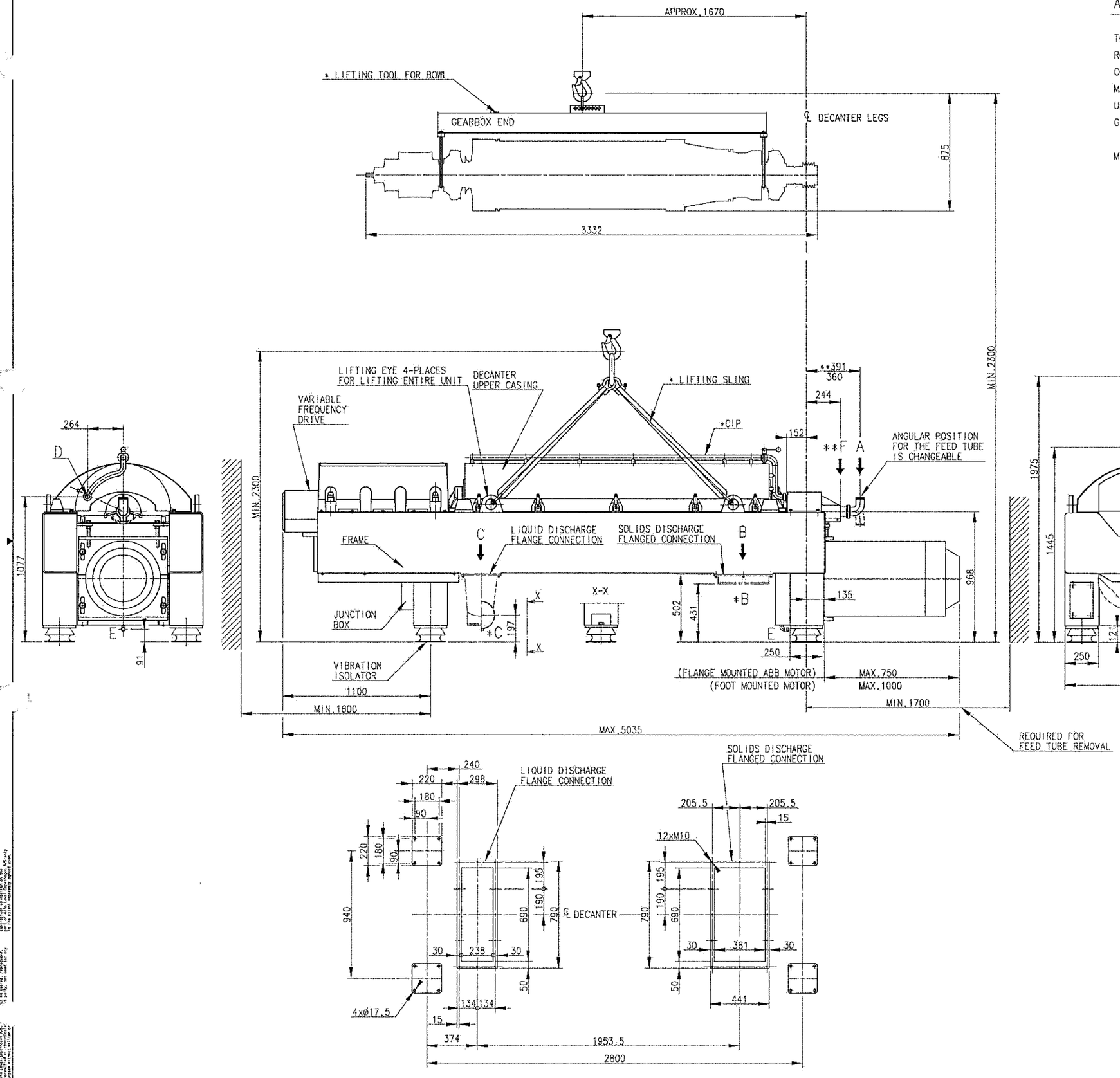

APPROXIMATE WEIGHTS:

TOTAL WEIGHT OF EMPTY DECANTER	4800kg / 9920lbs
ROTATING ASSY INCL. PILLOW BLOCKS	1250kg / 2770lbs
COMPLETE FRAME ASSY EXCL. MAIN MOTOR AND ROT. ASSY	3000kg / 6650lbs
MAIN MOTOR	600kg / 1320lbs
UPPER CASING	130kg / 290lbs
GEAR BOX	150kg / 335lbs
MINIMUM CRANE CAPACITY FOR LIFTING OF ROTATING ASSEMBLY:	1800kg / 3970lbs

LOADING DATA:

1. MAX. STATIC LOAD

A- VERTICAL	50000 N
B- HORIZONTAL	0 N

2. MAX. DYNAMIC LOAD AT RUN DOWN (ADD TO STATIC LOAD)

A- VERTICAL	±29400 N
B- HORIZONTAL	±7800 N

3. MAX. DYNAMIC LOAD AT OPERATING SPEED

A- VERTICAL	±2000 N
B- HORIZONTAL	±2000 N

ALL LOADS ARE EVENLY DISTRIBUTED ON THE VIBRATION ISOLATORS

CONNECTIONS:

		DIMENSION / TYPE
A	FEED	ø63.5 (2 1/2") HOSE CONNECTION
B	SOLIDS OUTLET	RECTANGULAR FLANGE
*B	SOLIDS OUTLET	381x710
C	LIQUID OUTLET	RECTANGULAR FLANGE
*C	LIQUID OUTLET	ø203.2 (8") HOSE CONNECTION
D	CIP/DILUTING WATER	ø38 (1 1/2") WELDING FERRULE
E	DRAIN OUTLET	ø25 (1")
**F	CIP. FEED TUBE	ISO 7/1-RP 1/8

NOTES:

1- ALL CONNECTIONS MUST BE FLEXIBLE.

2- FOR PROPER VENTING OF DISCHARGE HOPPERS REFER TO THE INSTALLATION DRAWING. IMPROPER VENTING CAN LEAD TO LEAKAGE PROBLEMS.

3- CUSTOMER IS RESPONSIBLE FOR ANCHORING.

4- FOR FURTHER INFORMATION, SEE INSTALLATION DATA MANUAL AND INSTALLATION DRAWING

* OPTIONAL EQUIPMENT

Item	Article No.	Name/Designation	Material
8 Nm DO GEARBOX			

Title: DIMENSIONED DRAWING

FOODEC 500

Alfa Laval
Alfa Laval Copenhagen A/S
SØBORG DENMARK

First angle projection	Surface roughness	Scale	Dept.	Date
	R_A µm	1:10	GKU	040915
		Format	Drawn	Appr.	Model
		A0	ADA	EG	N

Design Code

Document No. 61240637

Rev. No.	Date	Modified By	Appr.