



APPROXIMATE WEIGHTS:

TOTAL WEIGHT OF EMPTY DECANTER.....3.200kg/7050lbs  
 ROTATING ASSEMBLY INCL. PILLOW BLOCKS.....1.000kg/2200lbs  
 CPL. FAME ASSEMBLY EXCL. MAIN MOTOR AND ROT.ASSEMBLY..1.100kg/2420lbs  
 MAIN MOTOR.....600kg/1320lbs  
 UPPER CASING.....140kg/ 308lbs  
 GEAR BOX......75kg/ 165lbs  
 MIN.CRANE CAPACITY FOR LIFTING OF ROTATING ASSEMBLY...1.500kg/3500lbs

LOADING DATA:

DECANTER

1. MAX.STATIC LOAD  
 A-VERTICAL.....35.000 N  
 B-HORIZONTAL.....0 N

2. MAX. DYNAMIC LOAD AT RUN DOWN  
 (ADD TO STATIC LOAD)  
 A-VERTICAL.....± 20.000 N  
 B-HORIZONTAL.....± 10.000 N

3. MAX. DYNAMIC LOAD AT OPERATING SPEED  
 A-VERTICAL.....1.000 N  
 B-HORIZONTAL.....1.000 N

ALL LOADS ARE EVENLY DISTRIBUTED ON THE VIBRATION ISOLATORS

CONNECTIONS: DIMENSION/TYPE:

A FEED.....Ø63.5(2 1/2\*)HOSE CONNECTION OD 43-46  
 B SOLIDS OUTLET.....RECTANGULER FLANGE  
 \* B SOLIDS OUTLET FUNNEL.....660X400  
 C LIQUID OUTLET.....RECTANGULER FLANGE  
 \* C LIQUID PHASE OUTLET FUNNEL.....Ø200 HOSE CONNECTION  
 \* D POLYMER ADDITION.....ISO 226-G 3/4" B CONNECTION  
 \* E POLYMER ADDITION.....ISO 226-G 3/4" B CONNECTION

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

COMPLEMENTARY DRAWING 61244404

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Rev. No.	Date	Modified By	Appr.

Item	Article No.	Name/Designation	WEIGHT	Material
DIMENSIONED DRAWING				
ALDEC 75				
First angle projection	Surface roughness	Scale	Date	Design Code
RAµm	AO	13:100	110413	Alfa Laval Copenhagen A/S SØBORG DENMARK
Format	Drawn	Appr.	Model	Document No.
AO	AHR	JOD	Y	61244404