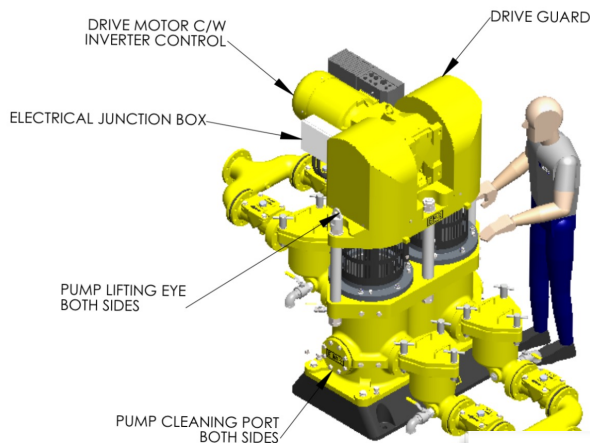


### EMS- MECHANICAL TWIN RAM PUMP MODEL CVRD300/3/800 with 11kW Drive , delivers 800L/min at 3 bar

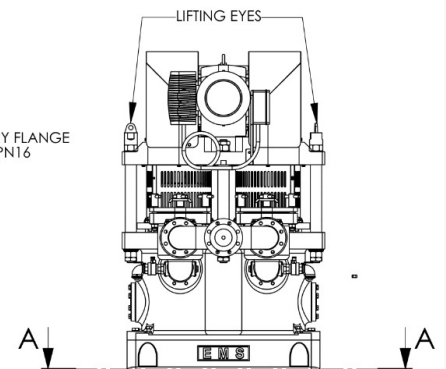
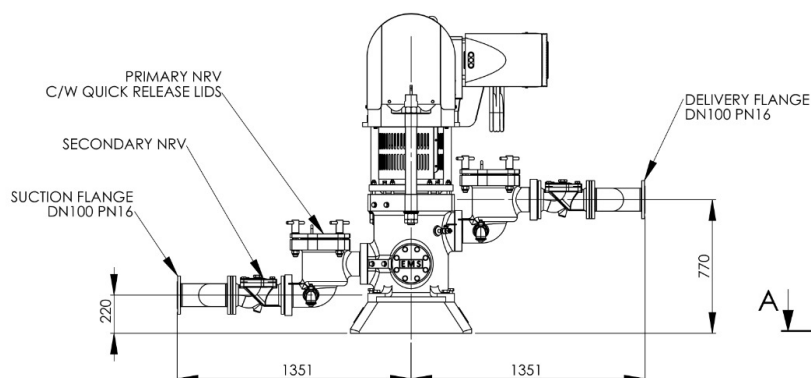
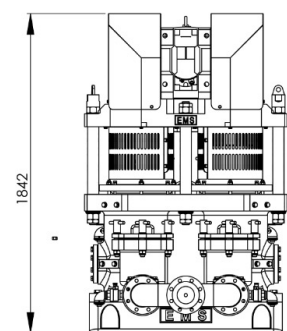
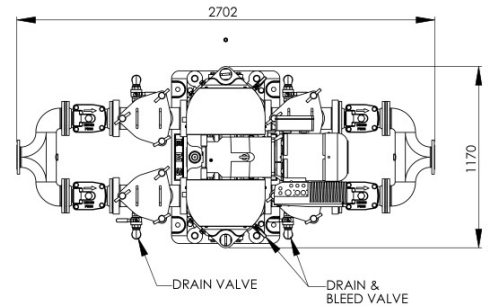


EMS Mechanical Ram Pumps model CVRD300 double Twin Ram Pump has seldom got any wearing on the ram body due to the hardness of the ram body, the maintenance downtime is very minimal during the operating lifetime. The latest design of Ram Seal by special Packing allows even long wearing lifetime .

#### RAM PUMP DATA

MODEL: CVRD300  
MAX PUMP PRESSURE: 2 - 6bar  
MAX PUMP OUTPUT: 900lpm  
DRIVE MOTOR: 7.5 - 18.5kW  
POWER SUPPLY: 415v-3ph-50Hz  
MOTOR HEATER: 1ph-50Hz  
PUMP WEIGHT (STATIC): 2550kg  
PUMP WEIGHT (DYNAMIC): 2700kg

DRIVE MOTOR IS FITTED WITH AN INTEGRAL INVERTER CONTROL UNIT WITH ALL PARAMETERS FACTORY SET AT EMS Ltd. TO GIVE REQUIRED PUMP DUTY. THE INVERTER CONTROL PROVIDES:-  
a) OPTIMUM ENERGY EFFICIENCY  
b) SOFT START & STOP  
c) SYSTEM MONITORING WHICH PROVIDES PROTECTION FOR  
c1) DELIVERY OVER PRESSURE  
c2) BLOCKED SUCTION



Capable to provide a self lift of solids stated with a suction lift of 8m from sludge holder, digestion tank.