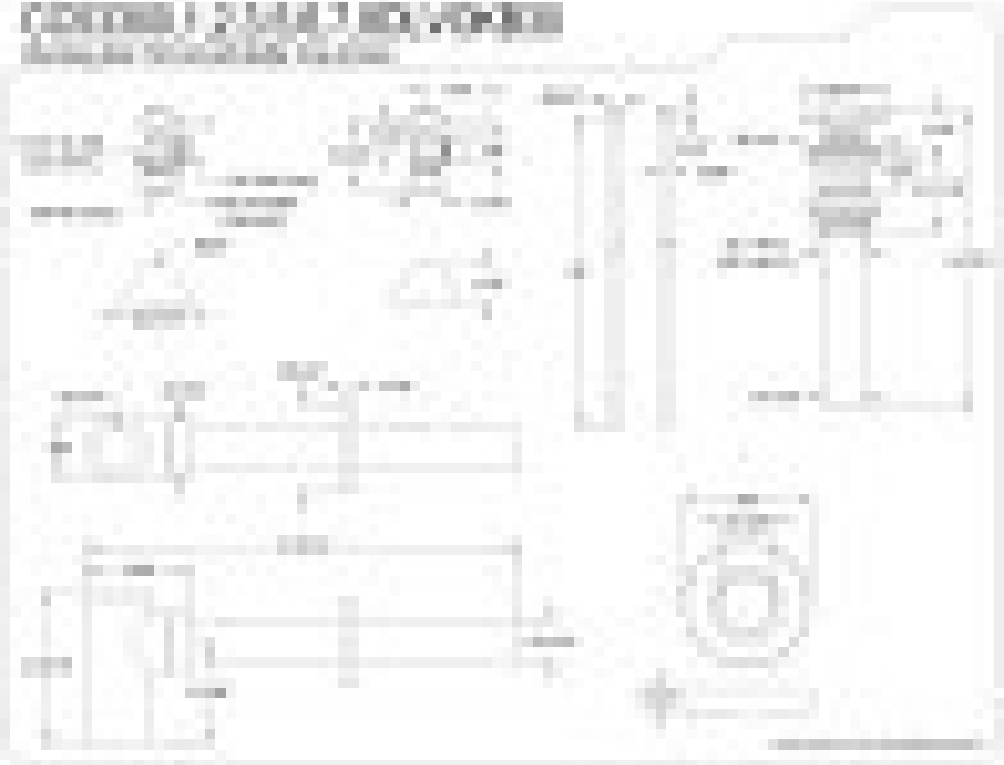CENTRIFUGAL PUMPS