

**General:**

- This set of bioreactor's are one in a series of vessels specially developed for the control and study of microbiological processes.
- The BR type reactor's are specially made to be linked to the motor stand MS2000 and interface panel CP400/CP420.
- PC type computer is used for control together with our BioPhantom© control software.

**Technical data:**

Material: ASTM 316L  
Surface: Ra<0.5 µm  
Pressure: -1/+3 Bar  
Temperature: Max 150 C  
Calculation according to Swedish regulations.  
Vessel jacket for in situ steam sterilization control.

**Working Volume**

BR250 100-250 L Total 350 L

**Connections**

Manhole Ø 450  
TC clamp connections on top shell  
Sight glass on top  
Drain/sampling valve with steam valve.  
2pcs Pocket for temp sensor.  
Sparger side inlet valve.

**Stirrer**

BR250 type M118  
Magnet coupled with Rushton type turbine.  
( Easily changed to other impeller types )  
Four baffel system.

**Filter**

Inlet 0.22 µm sterile filter.  
Outlet condenser and 1 µm depth filter.  
Outlet air regulation valve.

**Connection to frame MS2002**

2 pcs bellow with TC connector.  
AC motor belt transmission.  
Cold water connection for condenser  
Steam for sampling valve.  
Steam condense manifold.

**Dim**

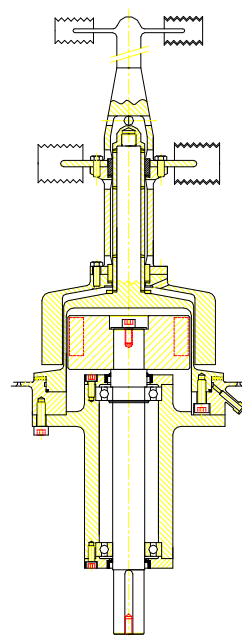
L= 1600 mm  
D= 1000 mm  
H= 2300 mm

**DWG**

BR250 Pilot Plant                      DWG 4118-4-A  
Magnet stirrer M118                    DWG 4244-1



BR250 pilot plant



Magnet stirrer M118

**Order no:** BR250