

Product Data Sheet

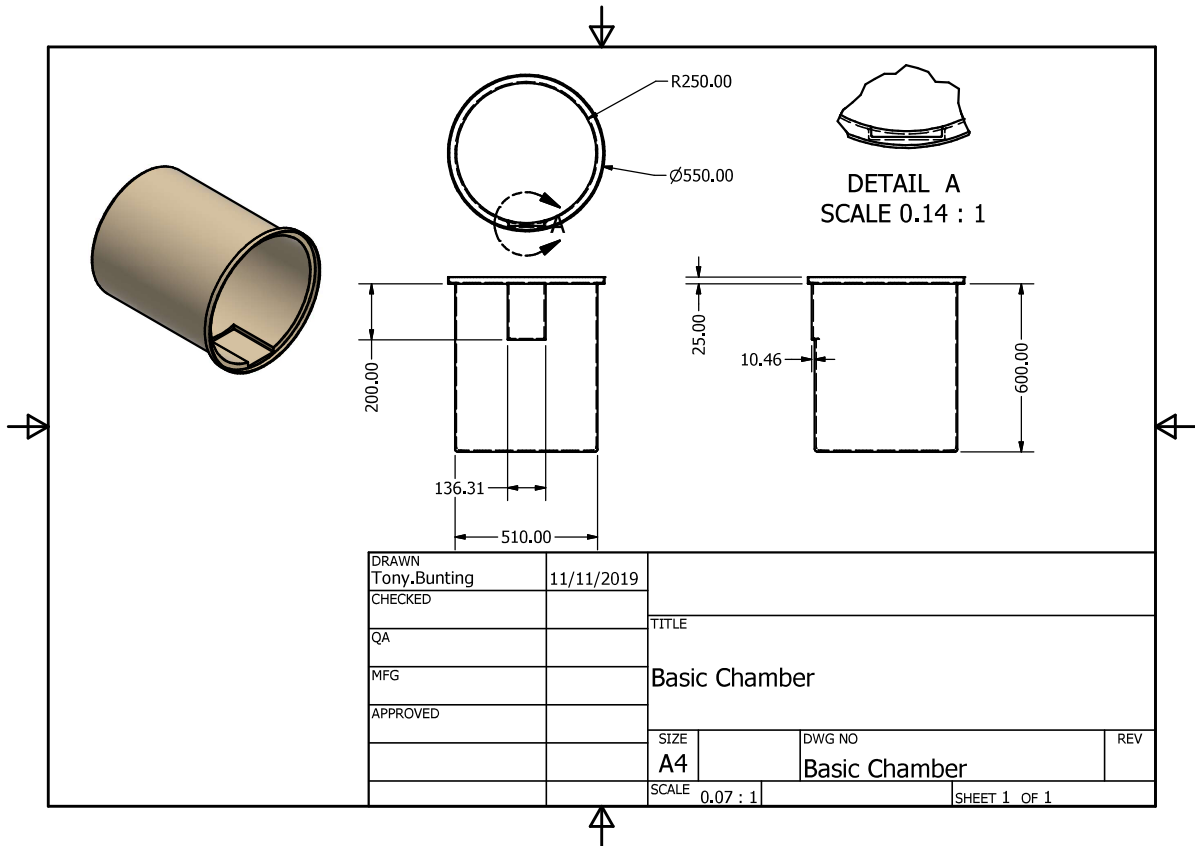
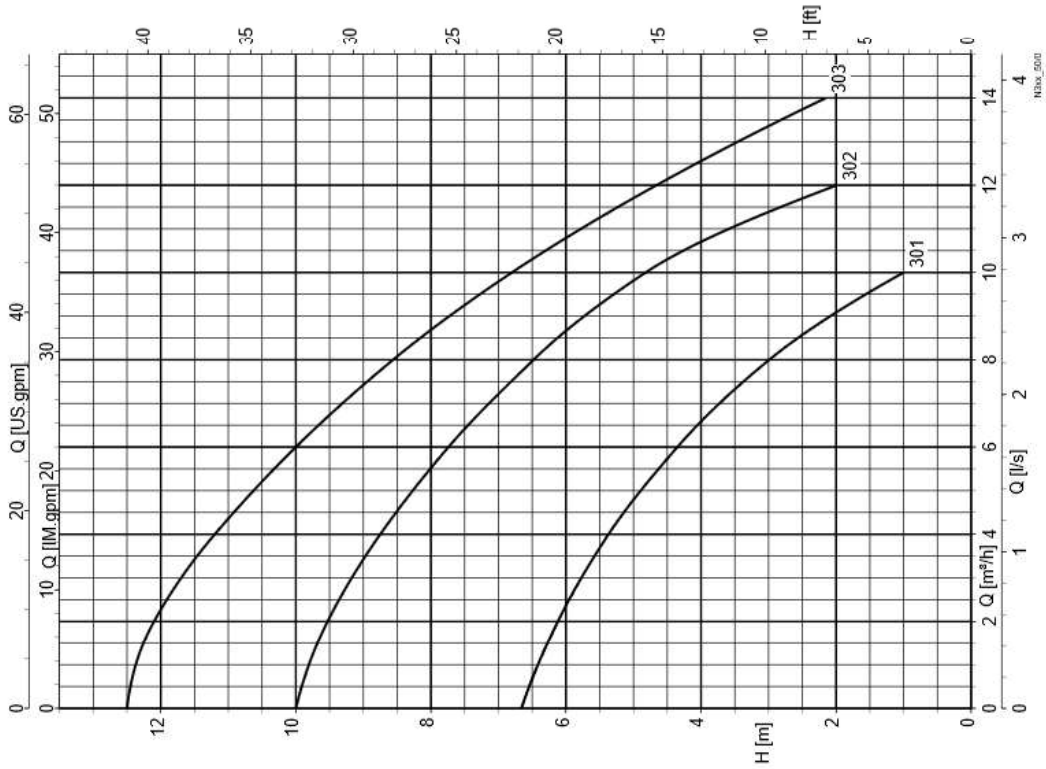
Single Sump Chamber KSB301



Chamber Material	MDPE
Chamber Max Volume	110 Litres
Isolation Valve	Optional Extra
None return valve	Quite operation EDPM swing check valve
Discharge Connection	1.5" BSP male 16 Bar (optional 40mm waste adaptor supplied)
Internal Pipework and fittings	All manufactured to EN1452-2/3, ISO161/1, BS21, DIN2999, ISO7 - Note threaded fittings are rated at 12 Bar.
Cable Duct Pipework	1.5" BSP Male 16 Bar fitting (optional 40mm waste adaptor supplied)
Pumps	1 off - KSB Amadrainer Automatic Pump
Riser/Lid	450mm inspection chamber lid

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Nps - Eco Single Sump Chamber KSB301



Generic Installation.

1. Excavate a hole large/deep enough to fit the chamber into, plus 75/100mm for a concrete base.
2. Lay a level concrete base to stand the chamber onto, ensuring the lid of the chamber is at the required height for the finished product.
3. Unscrew the grey PVC manifold at the union (look after the O ring seal if it comes loose).
4. Unscrew the white 40 mm solvent weld waste adaptor from the section of manifold, and feed the manifold through the pre drilled 48mm hole near the top of the chamber. Use the white solvent weld adaptor to screw back onto the manifold to clamp the assembly to the chamber.
5. Take the pump and using PTFE tape around the manifold 1/14" BSP male thread, screw the manifold into the black non return valve.
6. Fit the float switch to the pump, following the pump instructions in the pump box. If required adjust the float switch height using the same instructions.
7. Placing the pump (using the handle only) into the chamber, attached both pieces of the manifold back together again using the union. Ensure the rubber O ring seal is seated in the union face.
8. Make sure the orientation of the pump is such that the float switch arm doesn't catch the side of the chamber wall.
9. Make a cable duct for the pump power cable. A hole can be drilled through the chamber above the discharge pipe.
10. Drill/Cut entry holes through the wall of the chamber for the inlet channels.
11. Backfill the chamber with concrete.
12. Electrical connections should only be carried out by a qualified electrician.
13. Please note. All sites and installations are different and if in doubt you should consult an engineer as to the suitability of the ground conditions.

