STAINLESS STEEL DOSING POT
Technical Data Sheet

Core values, quality products

Product Overview:

Our CORE Dosing Pot is a high-quality stainless steel vessel which is fatigue resistant due to its design. The Pot fully complies with the latest BSRIA BG50/2013 recommendations regarding avoiding dead legs.

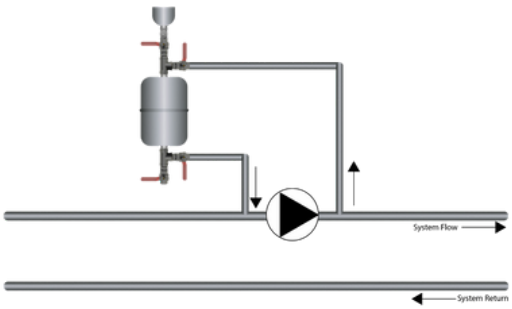
The unit is supplied with loose components, so connections can be fitted in an orientation best suited to the system.

Sizing and Installation:

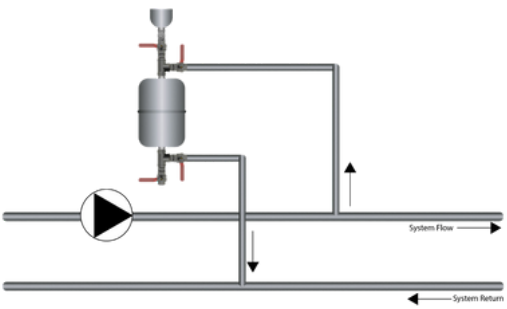
Dosing pots are generally installed in closed systems to enable water
treatments and other chemicals to be added to the system without the need to shut a system down, or part thereof.

The size of the dosing pot installed in a system is not critical as multiple doses of chemicals can be put into the system to reach the correct concentration.

The benefits of using a smaller unit, is
that it is easier to physically handle and also allows for more accurate dosing. However, the time on site for performing multiple doses has to be considered.
This factor should influence your decision when selecting dosing pots.



BSRIA Compliant if installed
in this configuration



Not BSRIA Compliant if installed in this configuration - But Acceptable

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SPECIFICATIONS

SIZES:
3.5L, 6L, 11L, 18L & 25L

MATERIALS:

1. 304 Polished Stainless Steel Body & Tundish.
2. 304 Stainless Steel Ball Valves and Fittings.
3. 1/2” Brass Air Vent.
4. 304 Stainless steel multipoint welded backplate - 2 per dosing pot.

OPERATING PARAMETERS

1. Maximum Working Temperature - 110 °C.
2. Maximum Working Pressure:

- 3.5L, 6L & 11L - 10Bar.
- 18L & 25L - 7Bar.

PRESSURE EQUIPMENT DIRECTIVE:

All Chempots are designed and manufactured in accordance with PED2014/68/EU - Category SEP.

We recommend using the CORE range of chemicals with this dosing pot.

DOSING ADVICE FOR ALL CHEMICALS EXCEPT GLYCOL

1. Take the combined kW output of the Boilers/Chillers.
2. For a heating system, multiply the kW output by 12 to give an estimated system volume in litres, e.g. for a 500kW heating system: Multiply 500 x 12 = 6,000 litres; then multiply by 0.40% = 24. ADD 24 litres of CORE Inhibitor.
3. For a chilled/cooling system, multiply the kW output by 15 to give an estimated system volume in litres, e.g. for a 250kW chilled system: Multiply 250 x 15 = 3,750 litres; then multiply by 0.40% = 15. ADD 15 litres of CORE Inhibitor.

Contact your nearest SBS branch for Glycol dosage information.

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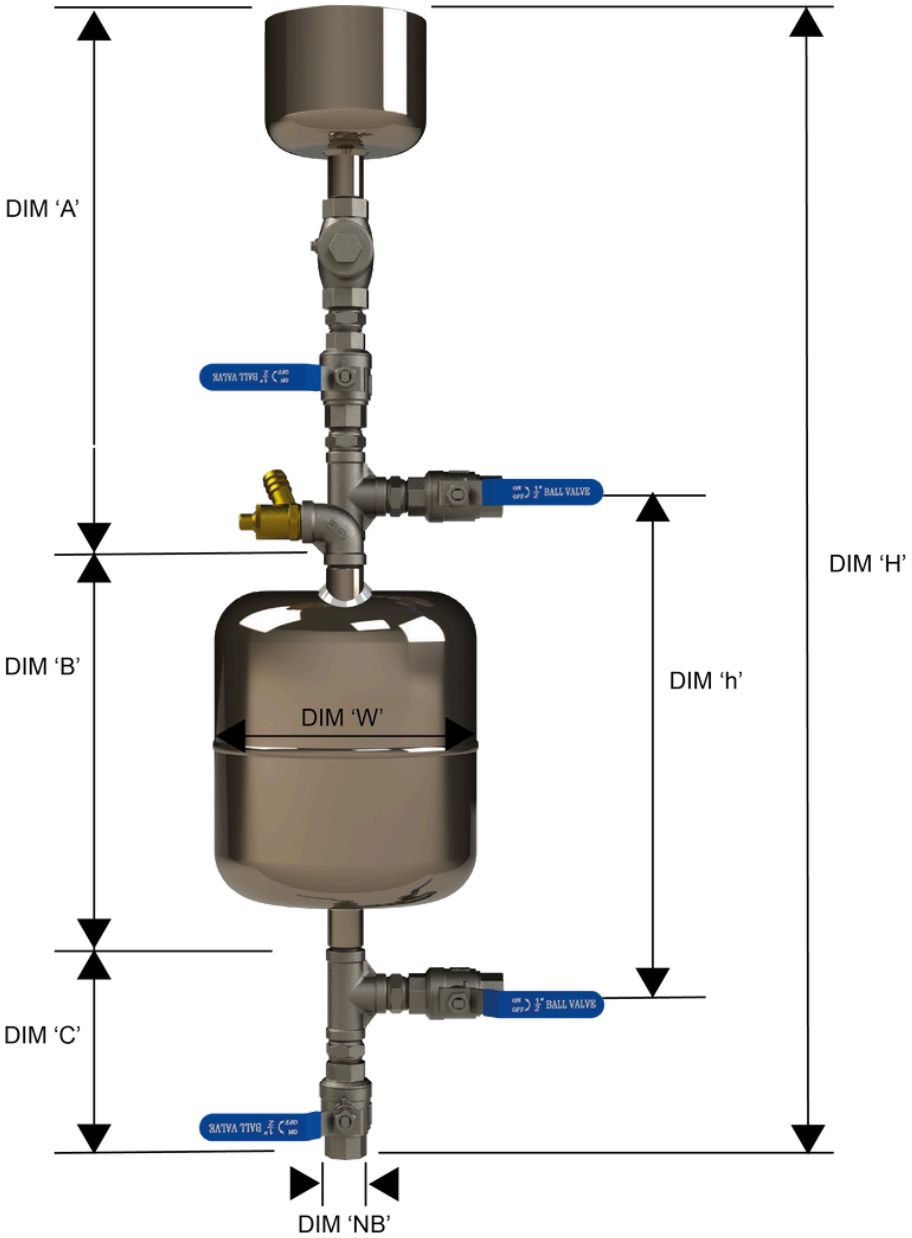
PLEASE NOTE: ALL DIMENSIONS ARE FOR GUIDANCE ONLY



SIZE	Connection Size (NB)	DIM A	DIM B	DIM C	DIM W	DIM H	DIM h	Weight (Full)	Max Working Pressure
3.5L	1/2"	285mm	260mm	130mm	162mm	675mm	310mm	9kgs	10Bar
6L	1/2"	285mm	260mm	130mm	215mm	675mm	310mm	14kgs	10Bar
11L	1/2"	285mm	410mm	130mm	215mm	825mm	460mm	21kgs	10Bar
18L	1/2"	285mm	460mm	130mm	260mm	875mm	510mm	30kgs	7Bar
25L	1/2"	285mm	590mm	130mm	260mm	1005mm	640mm	40kgs	7Bar