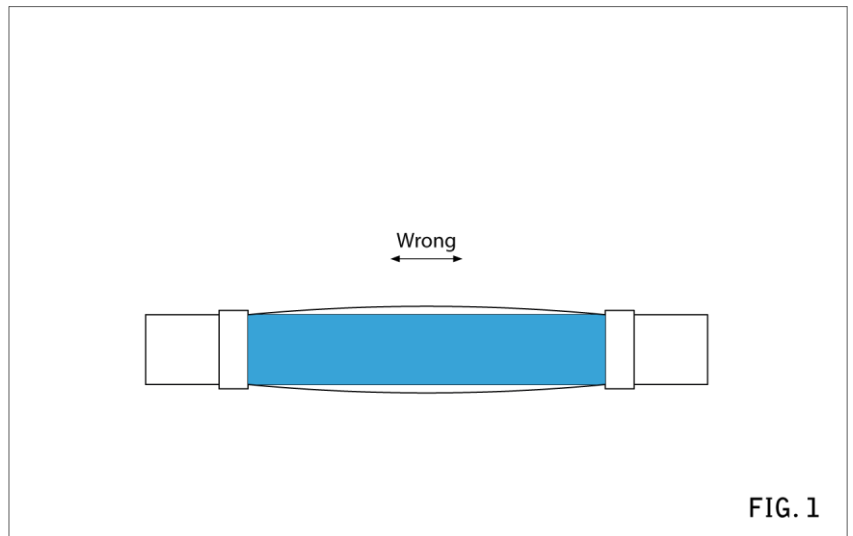


Dog-Legs

Applications

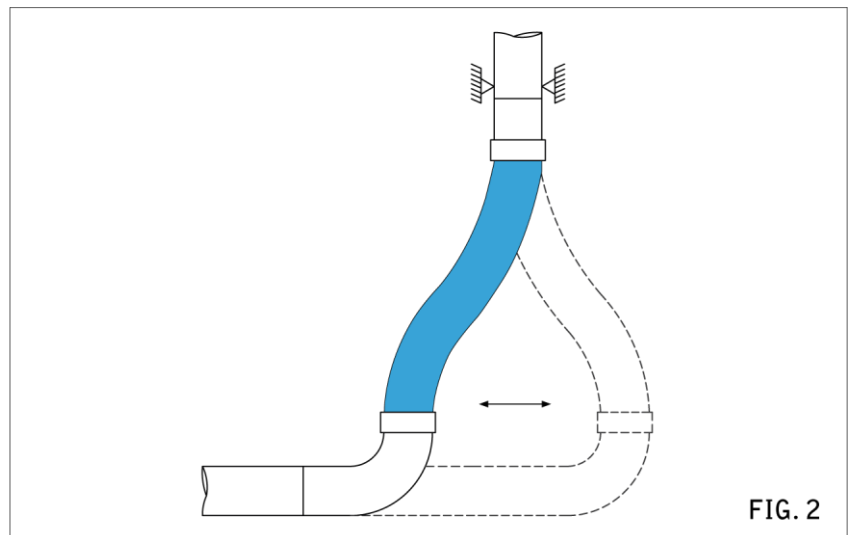
Stainless steel hoses, with or without braiding are basically not suitable to absorb any axial movement (neither compression, nor extension) of the metal hose itself, see figure 1.

Also see our Installation Instructions.

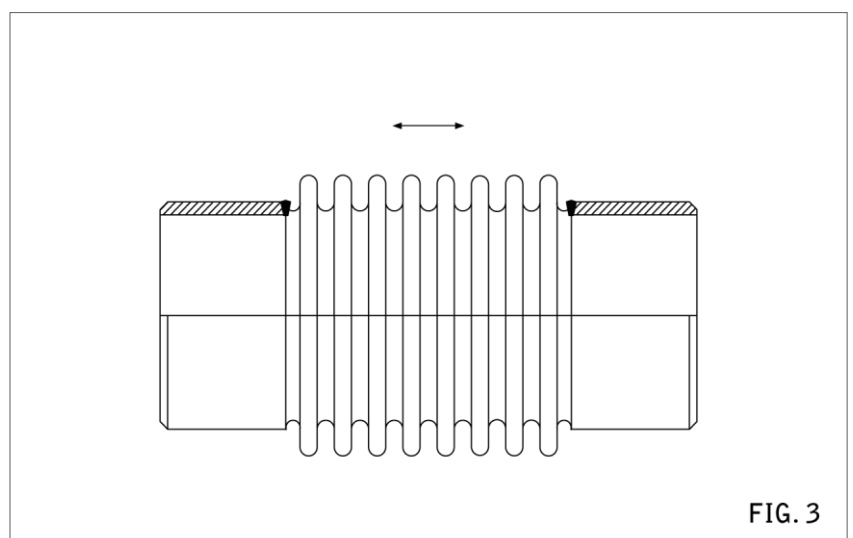


In this particular application there are two options. The first one could be the installation of a hose in a 90° angle to the axis or the centerline of the piping, see figure 2.

Also see our Installation Instructions.



The second one might be to consider to install an axial expansion joint, see figure 3. Consult our website and /or our nearest sales representative.



Amniflex B.V.

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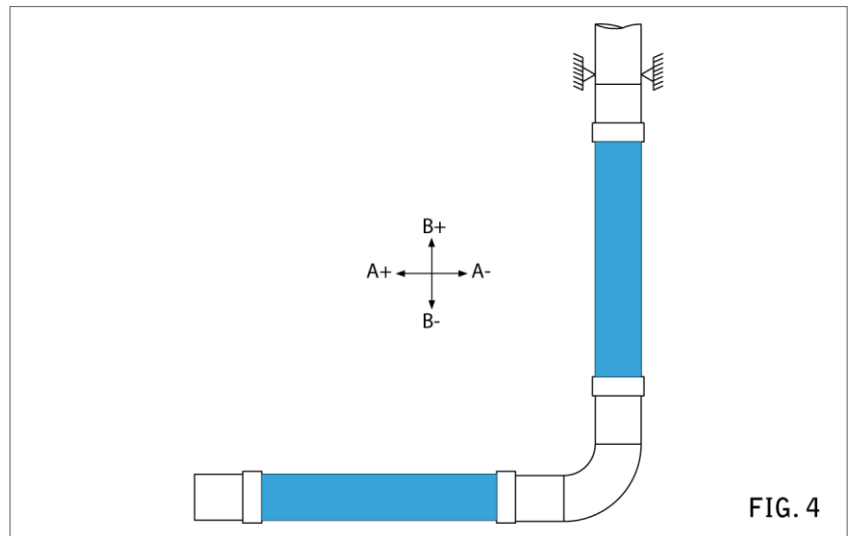
BTW nr. NL862140729B01
Bank: KBC Bank NV
KREDNL2XXXX
IBAN NL23 KRED0633024376

K.v.K. Rotterdam nr. 81568053

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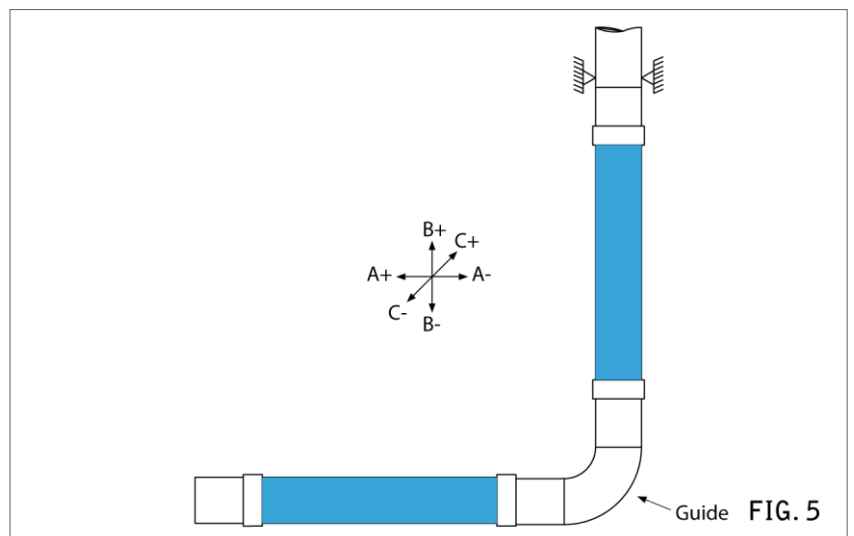
If the hose has to absorb even more movements from several directions, in one plane, we recommend the use of a so called “dog-leg” assembly, see figure 4. Also see our Installation Instructions and beware, always avoid any risk of torsion.



If the hose has to absorb even more movements from several directions, in two planes, we also recommend the use of a “dog-leg” assembly, see figure 5. Warning: Always avoid any risk of torsion.

In this case, figure 5, one should use a kind of guidance at the 90° elbow, enabling the free movements A and B, fixing the movement C (avoiding torsion). Guidance in the form of a tuning fork will do.

Generally we strongly recommend consulting AmniTec in the case of using “dog-legs”.



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