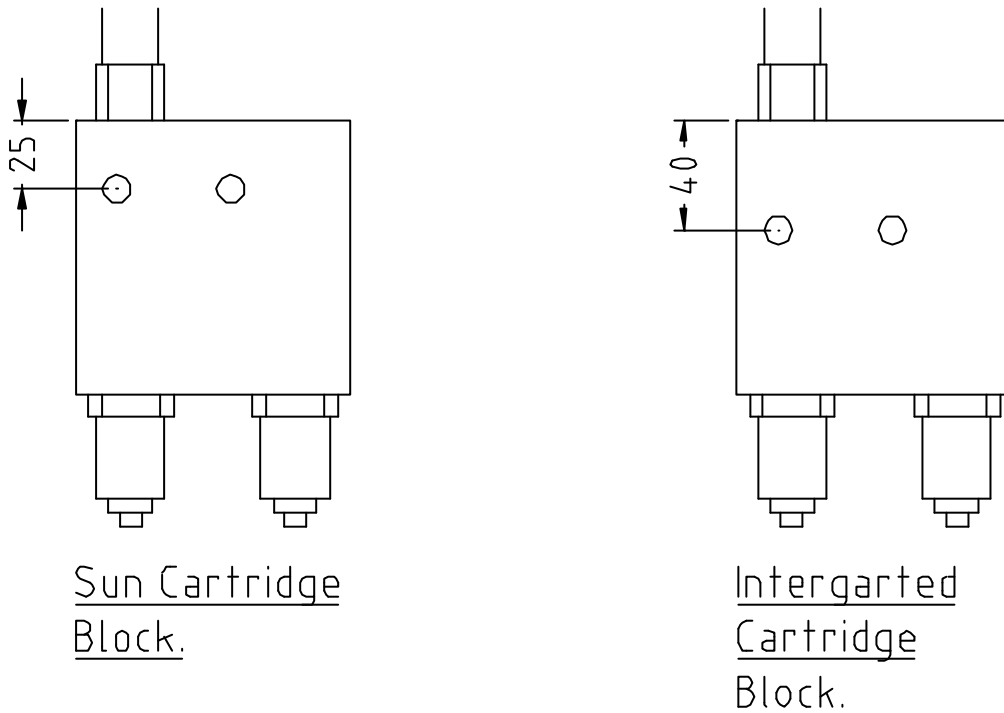


## TB0033 SB360 Bottom Arm Hydraulic Cylinder Cartridge Fitting EC-692

Date: 09/08/04

The models of the SB360 STEELBRO Sidelifter before serial number 6301, excluding 6254, used Sun Cartridge blocks on the bottom arm cylinder. After this date the Sun Cartridges were replaced with Integrated Hydraulic Cartridges.

When a new bottom arm cylinder is required for SB360 Sidelifters pre dating 6301, the sun cartridge will sit 15mm back from where an Integrated Hydraulic cartridge block would sit. This is due to the two cartridges having different locations for their attaching holes. This is shown in Figure 1.0 below.



**Figure 1.0:** Sun and Integrated Hydraulic Cartridge blocks showing the 15mm difference in attaching hole positions.

The pipe fitting supplied with the cylinder is a 20mm x 1/2" fitting instead of a 3/4" x 1/2" fitting that would have been originally used with the Sun cartridge block. The 20mm pipe supplied for this fit up will be made 15mm longer than the standard cylinder pipe to accommodate this difference.