Hydraulic diagram of locking cylinder

2014-00050
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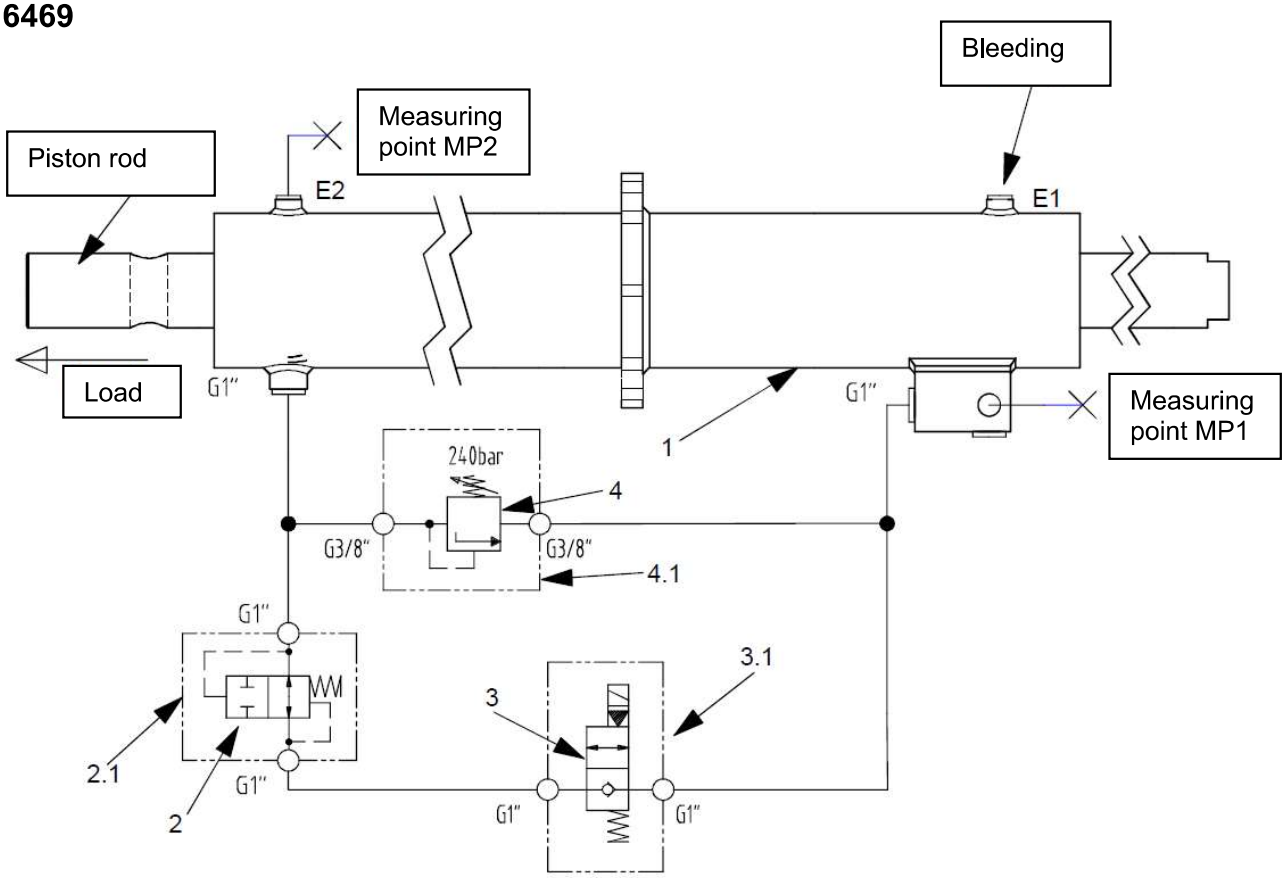

Pos	Qty.	Item no.	Name	Type
017			Hydraulics complete	
1	1	124395	Load stabilising cylinder	80/125 1425 mm lift
2	1	006642	Pipe burst protection	RBE- 3/ 4 - x 150 set to 1,9mm
2.1	1	123111	Tube installation housing	
3	1	016101	2/2-way valve	WS16ZR-01-C-N-24 DG
3.1	1	016103	Tube installation housing	FH162-SB8
4	1	013430	Pressure relief valve	DB4E-01x-350-P
4.1	1	006639	Tube installation housing	R 06020-01x-01

The pipe burst protection (2) protects the lift from the scissors system crashing. This mechanical component works like a non-return valve. If a belt breaks (excessive lowering speed), it trips and holds the lift. In the event of a response from this valve, a visual inspection and leak check should be carried out and possibly defective components checked.
If oil is detected during the inspection, for instance, the leakage must be located and sealed.
In this process the specified settings should be restored again.
Another possibility is that the control regulates the speed too high. After eliminating the fault, you can raise the platform again.

Filling the locking cylinder:

The lifting platform can be filled in every position. Using a hand pump and a measuring hose, fill HLPD 46 hydraulic oil via measuring point MP1 into the chamber until oil leaks out at venting screw (E1).
Now screw the sealing plug (E1) back in and tighten it up. Now, connect another measuring hose at measuring point MP2. You must ensure that any oil that escapes from this hose is collected in a transparent container. Now continue filling the system until the oil emerges from the measuring hose at MP2 **bubble-free** and wait until no more oil emerges from MP2. **(There must be no more pressure in the cylinder).** Remove the hand pump and the measuring hose at MP1 and MP2.The safety equipment is now ready for operation.