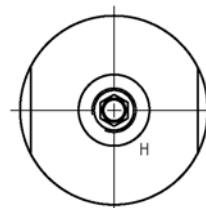
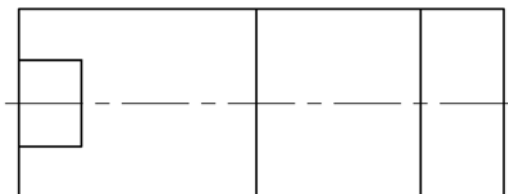
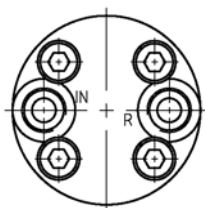


## Instructions for hydraulic booster HC6



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| IN                                                                                       |                      | R    |        | H    |        |
|------------------------------------------------------------------------------------------|----------------------|------|--------|------|--------|
| 1/2"                                                                                     | 3/4-16               | 1/2" | 3/4-16 | 1/2" | 3/4-16 |
| BSPP                                                                                     | UNF                  | BSPP | UNF    | BSPP | UNF    |
| DK Forskrkning, Pumpetilslutning                                                         |                      |      |        |      |        |
| UK Screwed connection, Pump connection                                                   |                      |      |        |      |        |
| DE Verschraubung, Pumpenanschluss                                                        |                      |      |        |      |        |
| FR Raccordement, Raccordement de pompe                                                   |                      |      |        |      |        |
| Max. Tilspændingsmoment—Max. Tightening torque<br>Max. Anzugmoment—Couple de serrage max |                      |      |        |      |        |
| DK Med stålskive                                                                         | 1/2" BSPP            |      |        |      |        |
| UK With steel washer                                                                     |                      |      |        |      |        |
| DE Mit Stahlscheibe                                                                      | 130 Nm<br>95.9 lb·ft |      |        |      |        |
| FR Avec rondelle en acier                                                                |                      |      |        |      |        |
| DK Med aluminiumskive                                                                    | 1/2" BSPP            |      |        |      |        |
| UK With aluminium washer                                                                 |                      |      |        |      |        |
| DE Mit Aluminiumscheibe                                                                  | 70 Nm<br>51.6 lb·ft  |      |        |      |        |
| FR Avec rondelle en aluminium                                                            |                      |      |        |      |        |
| DK Med skærekant                                                                         | 1/2" BSPP            |      |        |      |        |
| UK With cutting edge                                                                     |                      |      |        |      |        |
| DE Mit Dichtkante                                                                        | 130 Nm<br>95.9 lb·ft |      |        |      |        |
| FR Avec rondelle en acier                                                                |                      |      |        |      |        |
| DK Med O-ring                                                                            | 3/4-16 UNF           |      |        |      |        |
| UK With O-ring                                                                           |                      |      |        |      |        |
| DE Mit O-ring                                                                            | 60 Nm<br>44.3 lb·ft  |      |        |      |        |
| FR Avec joint torique                                                                    |                      |      |        |      |        |

### DK

Trykforstærkeren kræver et pumpetryk på minimum 20 bar / 300 psi. Filtrering: Se side to. Komponenter må ikke tages i brug, før maskinen, hvori den monteres, overholder alle relevante bestemmelser i EU og EFTA.

### UK

The minimum inlet pressure required to operate the booster is 20 bar / 300 psi. Filtration: See page 2. Do not put the component into operation until the machine into which it is mounted complies with all relevant regulations and directives by the EU and EFTA.

### DE

Der Druckverstärker funktioniert ab einem Eingangsdruck von 20 bar / 300 psi. Filtration: Siehe Seite zwei.

Die Komponente nicht in Betrieb nehmen, bis die Maschine, in die sie eingebaut werden muss, alle relevanten Regulativen und Direktiven von der EU und EFTA erfüllt.

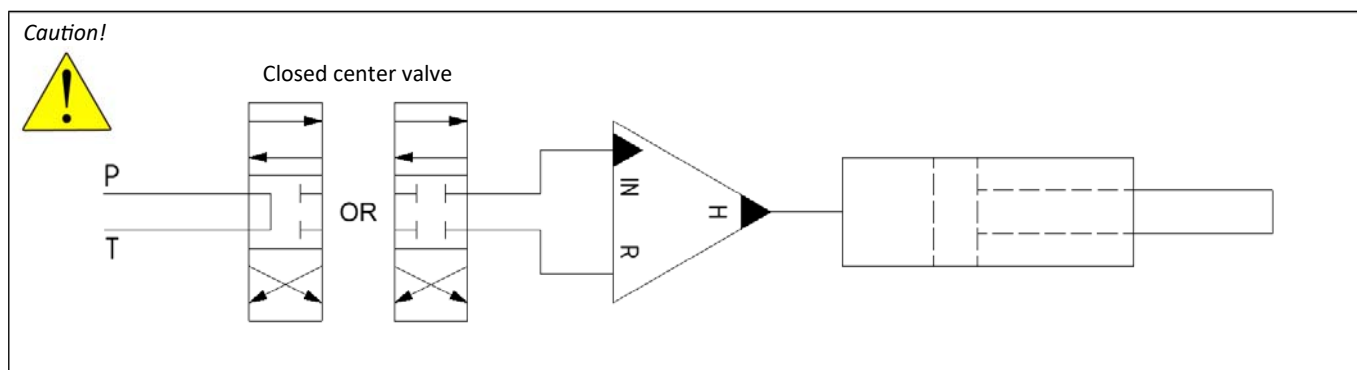
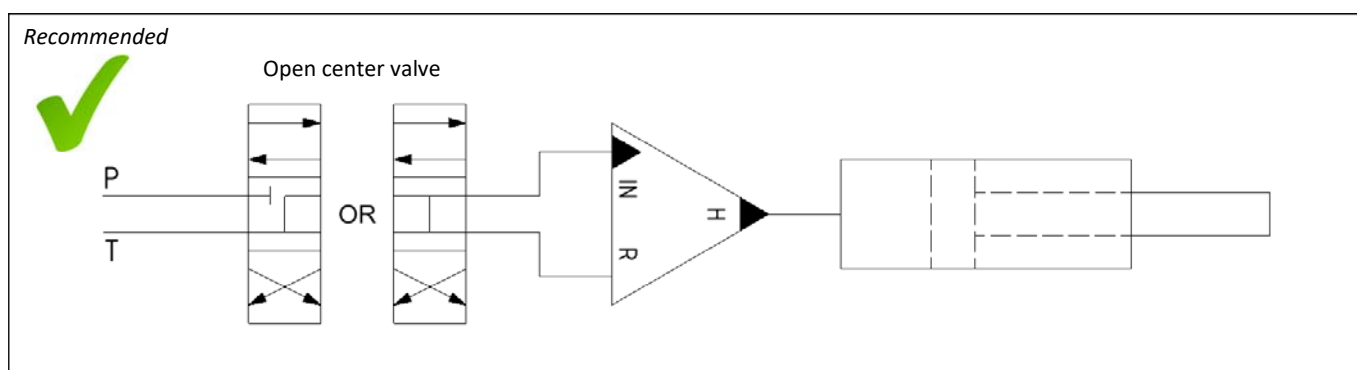
### FR

Le multiplicateur fonctionne avec une pression minimale de 20 bar / 300 psi. Filtration: Voir la page deux. Avant de mettre en service le composant monté, la machine doit être conforme à toutes les réglementations et directives en vigueur dans l'UE et l'AELE.

| i   | Max. flow IN |         | Max. flow H |         | Max. pressure IN |       | Max. pressure H |        |
|-----|--------------|---------|-------------|---------|------------------|-------|-----------------|--------|
|     | l/min        | gal/min | l/min       | gal/min | bar              | psi   | bar             | psi    |
| 1.3 | 50           | 13.2    | 20.3        | 5.4     | 207              | 3,000 | 269             | 3,900  |
| 1.5 | 80           | 21.1    | 28.3        | 7.5     | 207              | 3,000 | 311             | 4,500  |
| 1.9 | 80           | 21.1    | 22.3        | 5.9     | 207              | 3,000 | 393             | 5,700  |
| 2.5 | 80           | 21.1    | 17.0        | 4.5     | 207              | 3,000 | 518             | 7,500  |
| 3.3 | 80           | 21.1    | 12.8        | 3.4     | 207              | 3,000 | 683             | 9,900  |
| 4.0 | 80           | 21.1    | 10.6        | 2.8     | 200              | 2,900 | 800             | 11,600 |
| 4.9 | 80           | 21.1    | 8.6         | 2.3     | 163              | 2,370 | 800             | 11,600 |
| 6.3 | 80           | 21.1    | 6.7         | 1.8     | 127              | 1,841 | 800             | 11,600 |
| 8.2 | 80           | 21.1    | 5.2         | 1.4     | 98               | 1,415 | 800             | 11,600 |
|     |              |         |             |         |                  |       |                 |        |
|     |              |         |             |         |                  |       |                 |        |
|     |              |         |             |         |                  |       |                 |        |

## IMPORTANT: Directional control valves

Contaminated fluid can cause the internal check valves of the booster to leak high-pressure media back to the IN and R connection. When high pressure ( >207 bar / 3,000 psi ) is trapped between the booster and the directional valve, the bolts can be stretched and cause the booster to leak fluid. miniBOOSTER recommends to use an open center valve to prevent this.



## Recommended filtration: According to ISO 44306



|                    |         | 0 to 140 bar<br>0 to 2,000 psi |                | 141 to 207 bar<br>2,000 to 3,000 psi |                |
|--------------------|---------|--------------------------------|----------------|--------------------------------------|----------------|
| Media              |         | ISO Taget Levels               | Micron Ratings | ISO Taget Levels                     | Micron Ratings |
| Oil                | > 5 cSt | 19/17/14                       | 10             | 18/16/13                             | 5              |
| Water/Water Glycol | < 5 cSt | 18/16/13                       | 5              | 17/15/12                             | 3              |