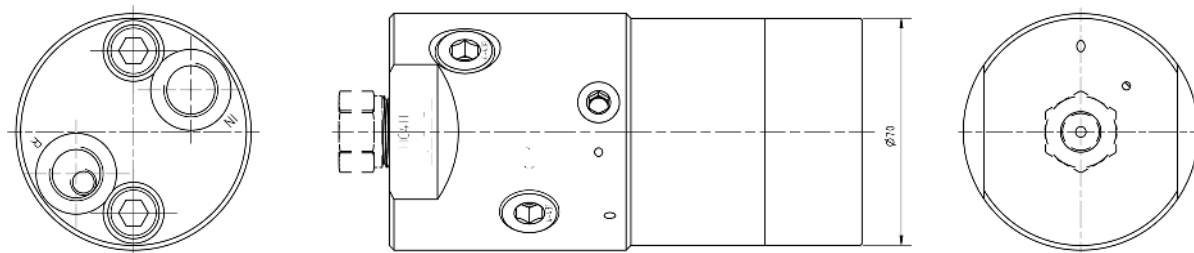


Instructions for Hydraulic Booster HC4H



www.minibooster.com



IN	R	H
3/8" BSPP	3/8" BSPP	- High pressure adapter - Datasheet: 7-900- M22 x 1.5 (80 Nm)
DK Forskruing, Pumpetilslutning		
UK Screwed connection, Pump connection		
DE Verschraubung, Pumpenanschluss		
FR Raccordement, Raccordement de pompe		

Max. Tilspændingsmoment—Max. Tightening torque Max. Anzugmoment—Couple de serrage max		
DK Med stålskive	3/8" BSPP	
UK With steel washer		
DE Mit Stahlscheibe	60 Nm 44,3 lb·ft	
FR Avec rondelle en acier		

DK Med aluminiumskive	3/8" BSPP	
UK With aluminium washer		
DE Mit Aluminiumscheibe	40 Nm 29.5 lb·ft	
FR Avec rondelle en aluminium		

DK Med skærekant	3/8" BSPP	
UK With cutting edge		
DE Mit Dichtkante	60 Nm 44.3 lb·ft	
FR Avec rondelle en acier		

DK Med O-ring	9/16-18 UNF	
UK With O-ring		
DE Mit O-ring	35 Nm 25.8 lb·ft	
FR Avec joint torique		

DK

Trykforstærkeren kræver et pumpetryk på minimum 20 bar / 300 psi. Filtrering: Se side to. Komponentens 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. Filtrierung: 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.

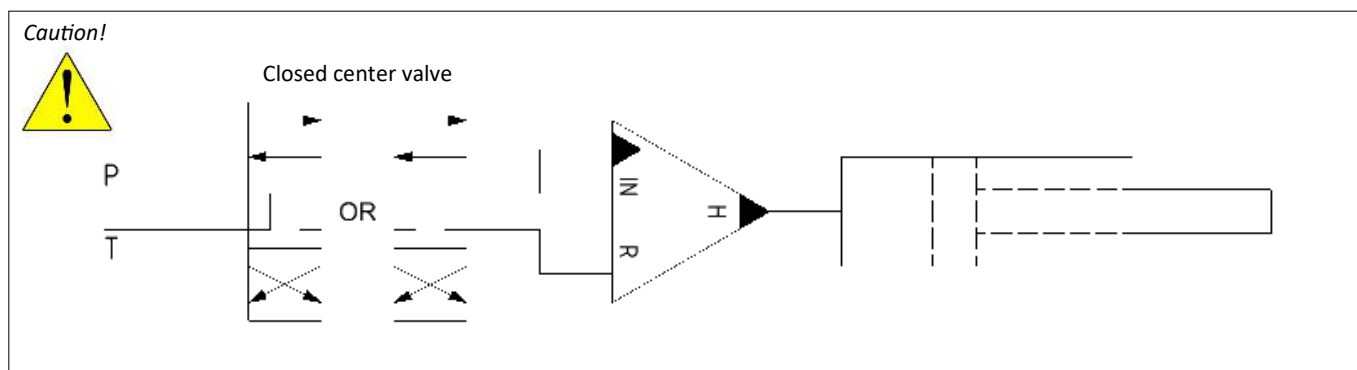
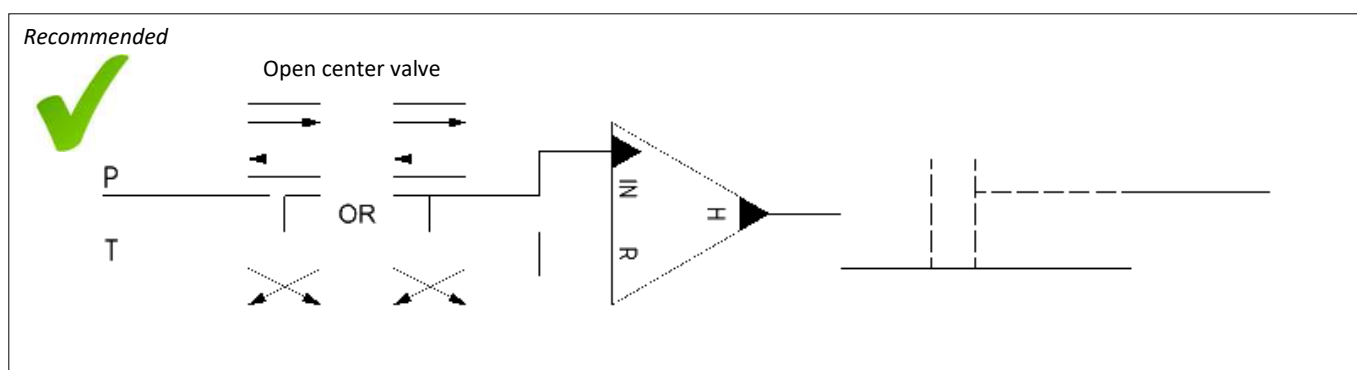
FR

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
5.1	40	10.6	4,1	1.1	207	3,000	1.056	15,300
6.3	40	10.6	3,4	0.9	207	3,000	1.304	18,900
7.7	40	10.6	2,8	0.7	207	3,000	1.594	23,100
9.8	40	10.6	2,2	0.6	207	3,000	2.029	29,400
12.7	40	10.6	1,6	0.4	207	3,000	2.629	38,100
16.0	40	10.6	1,3	0.3	188	2,719	3.000	43,500
17.3	40	10.6	1,2	0.3	173	2,515	3.000	43,500
20.0	40	10.6	1,0	0.2	150	2,175	3.000	43,500
25.0	40	10.6	0,8	0.2	120	1,740	3.000	43,500

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 0 to 2,000 psi		141 to 207 bar 2,000 to 3,000 psi	
Media		ISO Target Levels	Micron Ratings	ISO Target 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