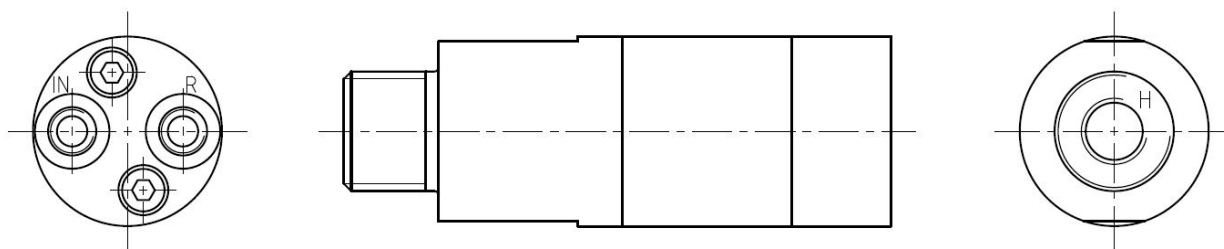


Instructions for hydraulic booster HC1W



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IN		R		H	
1/8"	3/8-24	1/8"	3/8-24	1/4"	9/16-18
BSPP	UNF	BSPP	UNF	BSPP	UNF
DK Forskrining, 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	1/8" BSPP		1/4" BSPP		
UK With steel washer					
DE Mit Stahlscheibe	20 Nm		40 Nm		
FR Avec rondelle en acier	14.8 lb-ft		29.5 lb-ft		
DK Med aluminiumskive	1/8" BSPP				
UK With aluminium washer					
DE Mit Aluminiumscheibe	10 Nm				
FR Avec rondelle en aluminium	7.4 lb-ft				
DK Med skærekant	1/8" BSPP		1/4" BSPP		
UK With cutting edge					
DE Mit Dichtkante	20 Nm		40 Nm		
FR Avec rondelle en acier	14.8 lb-ft		29.5 lb-ft		
DK Med O-ring	3/8-24 UNF		9/16-18 UNF		
UK With O-ring					
DE Mit O-ring	15 Nm		35 Nm		
FR Avec joint torique	11.1 lb-ft		25.8 lb-ft		

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. 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.

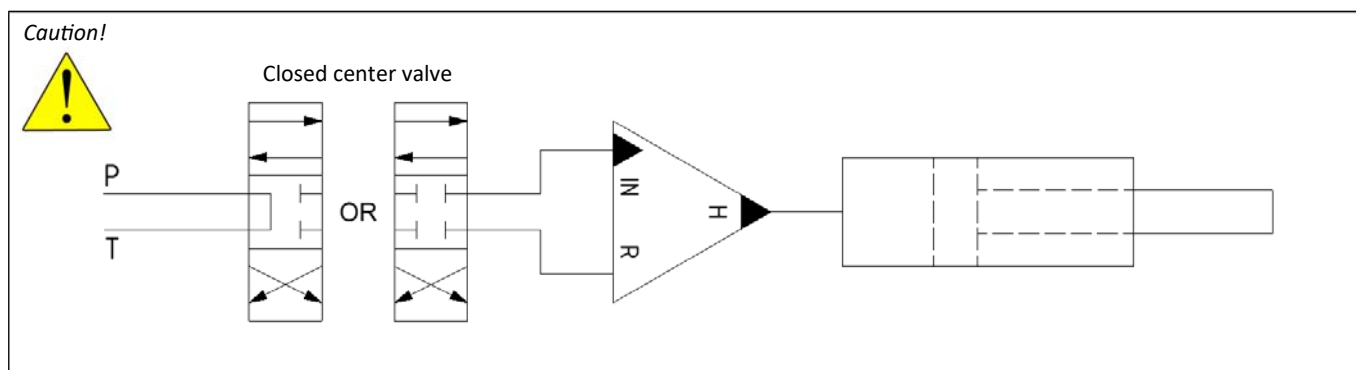
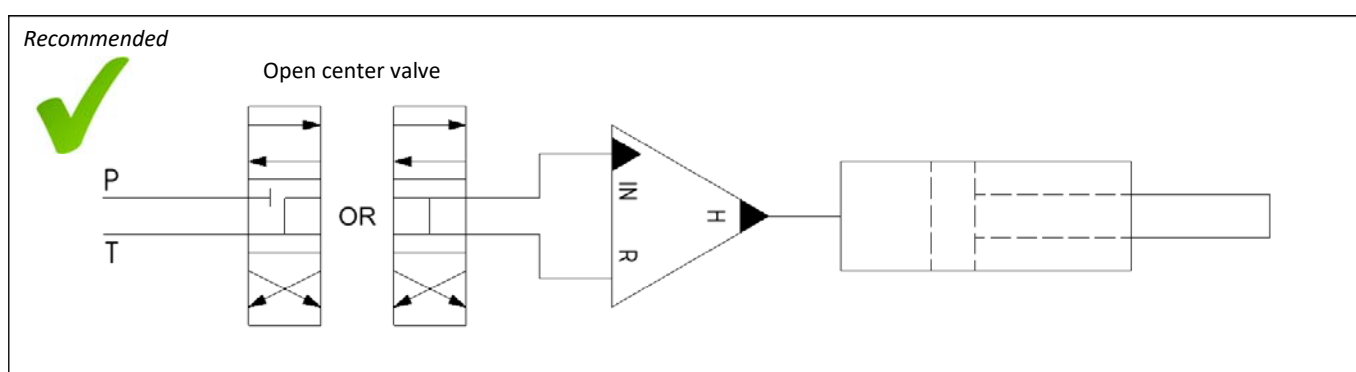
FR

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
1.2	8	2.1	3.0	0.8	207	3,000	248	3,600
1.5	8	2.1	2.8	0.7	207	3,000	311	4,500
2.0	8	2.1	2.1	0.5	207	3,000	414	6,000
2.8	8	2.1	1.5	0.4	207	3,000	580	8,400
3.3	8	2.1	1.3	0.3	207	3,000	683	9,900
4.0	8	2.1	1.1	0.3	200	2,900	800	11,600
4.8	8	2.1	0.9	0.2	167	2,417	800	11,600
6.2	8	2.1	0.7	0.2	129	1,871	800	11,600
7.5	8	2.1	0.5	0.1	107	1,547	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 0 to 2,000 psi		141 to 207 bar 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