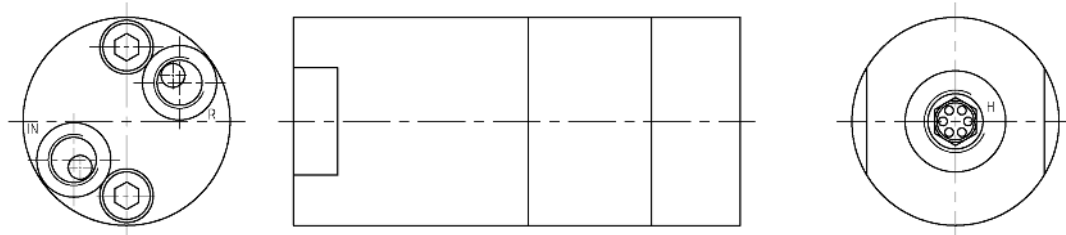


Instructions for Hydraulic Booster HC4W



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IN		R		H	
3/8"	9/16-18	3/8"	9/16-18	1/2"	3/4-16
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	3/8" BSPP	1/2" BSPP	
UK With steel washer			
DE Mit Stahlscheibe	60 Nm	130 Nm	
FR Avec rondelle en acier	44.3 lb-ft	95.9 lb-ft	

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

DK Med skærekant	3/8" BSPP	1/2" BSPP	
UK With cutting edge			
DE Mit Dichtkante	60 Nm	130 Nm	
FR Avec rondelle en acier	44.3 lb-ft	95.9 lb-ft	

DK Med O-ring	9/16-18 UNF	3/4-16 UNF	
UK With O-ring			
DE Mit O-ring	35 Nm	60 Nm	
FR Avec joint torique	25.8 lb-ft	44.3 lb-ft	

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	40	10.6	17.4	4.8	207	3,000	269	3,900
1.5	40	10.6	16.0	4.2	207	3,000	311	4,500
1.8	40	10.6	14.2	3.7	207	3,000	373	5,400
2.1	40	10.6	12.9	3.4	207	3,000	435	6,300
2.6	40	10.6	11.1	2.9	207	3,000	538	7,800
2.8	40	10.6	10.5	2.8	207	3,000	580	8,400
3.2	40	10.6	9.5	2.5	207	3,000	662	9,600
4.3	40	10.6	7.5	2.0	186	2,698	800	11,600
5.1	40	10.6	6.5	1.7	157	2,275	800	11,600
6.3	40	10.6	5.4	1.4	127	1,842	800	11,600
9.8	40	10.6	3.7	1.0	82	1,184	800	11,600

DK

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

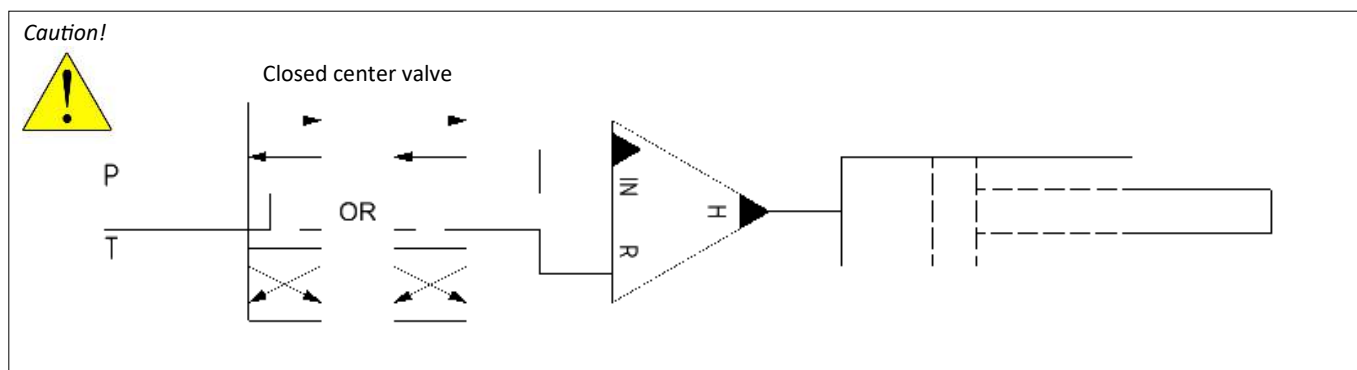
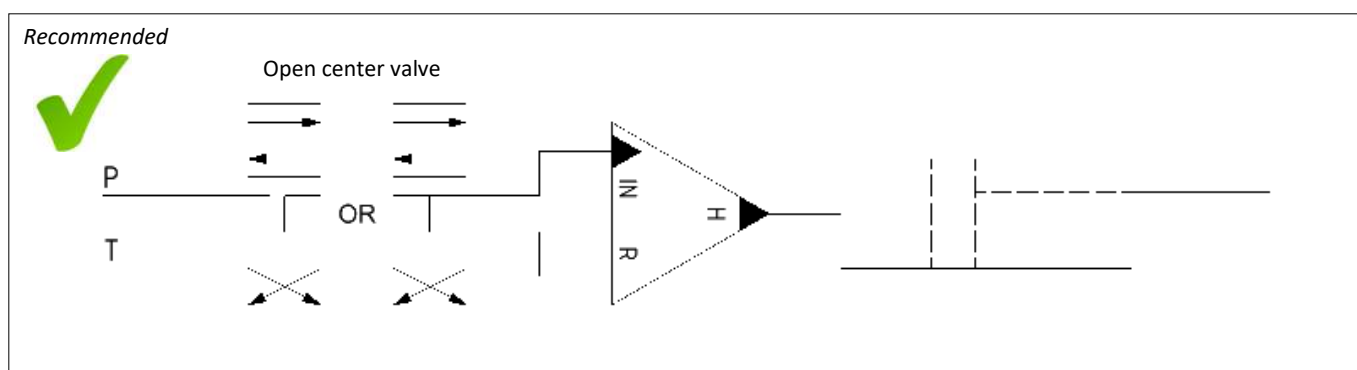
Die Komponente nicht in Betrieb nehmen, bis die Maschine, in die sie eingebaut werden muss, alle relevanten Regulativen und Direktiven von der EU und EFTA erfüllt.

FR

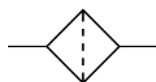
Le multiplicateur fonctionne avec une pression minimale de 20 bar / 300 psi. Filtration: Voir la page deux. Avant de mettre en service le composant monté, la machine doit être conforme à toutes les réglementations et directives en vigueur dans l'UE et l'AELE.

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