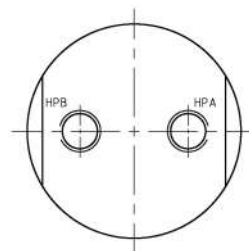
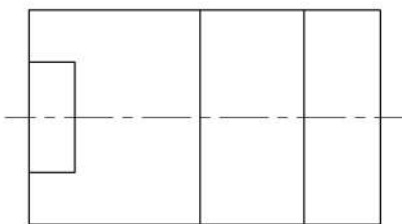
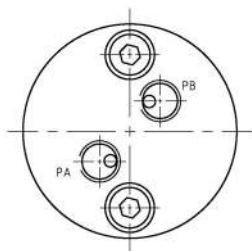


Instructions for hydraulic booster HC5



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PA		PB		HPA / HPB	
1/4"	7/16-20	1/4"	7/16-20	1/4"	9/16-18
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 Max. Anzugmoment—Couple de serrage max					
DK Med stålskive	1/4" BSPP				
UK With steel washer					
DE Mit Stahlscheibe	40 Nm 29.5 lb·ft				
FR Avec rondelle en acier					
DK Med aluminiumskive	1/4" BSPP				
UK With aluminium washer					
DE Mit Aluminiumscheibe	30 Nm 22 lb·ft				
FR Avec rondelle en aluminium					
DK Med skærekant	1/4" BSPP				
UK With cutting edge					
DE Mit Dichtkante	40 Nm 29.5 lb·ft				
FR Avec rondelle en acier					
DK Med O-ring	7/16-20 UNF	9/16-18 UNF			
UK With O-ring					
DE Mit O-ring	20 Nm 14.8 lb·ft	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. 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.

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	3.5	0.9	207	3,000	248	3,600
1.5	12	3.2	4.2	1.1	207	3,000	311	4,500
2.0	12	3.2	3.2	0.8	207	3,000	414	6,000
2.8	13	3.4	2.5	0.7	207	3,000	580	8,400
3.2	15	4.0	2.5	0.7	207	3,000	662	9,600
4.0	14	3.7	2.0	0.5	200	2,900	800	11,600
5.0	14	3.7	1.6	0.4	160	2,321	800	11,600
6.6	13	3.4	1.3	0.3	120	1,758	800	11,600
9.0	13	3.4	0.9	0.2	90	1,305	800	11,600
13.0	12	3.2	0.6	0.2	62	893	800	11,600
20.0	12	3.2	0.3	0.1	40	580	800	11,600

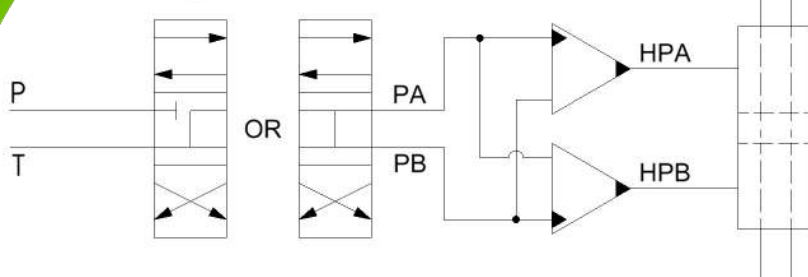
IMPORTANT: Directional control valves

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



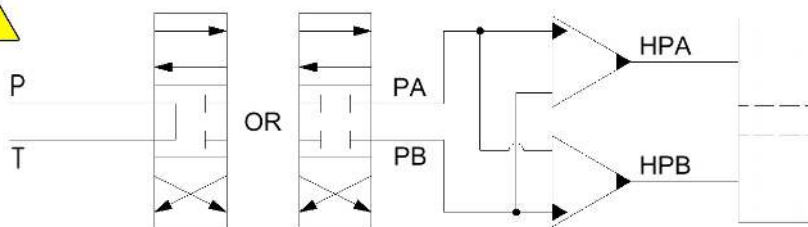
Open center valve



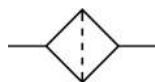
Caution!



Closed center valve



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