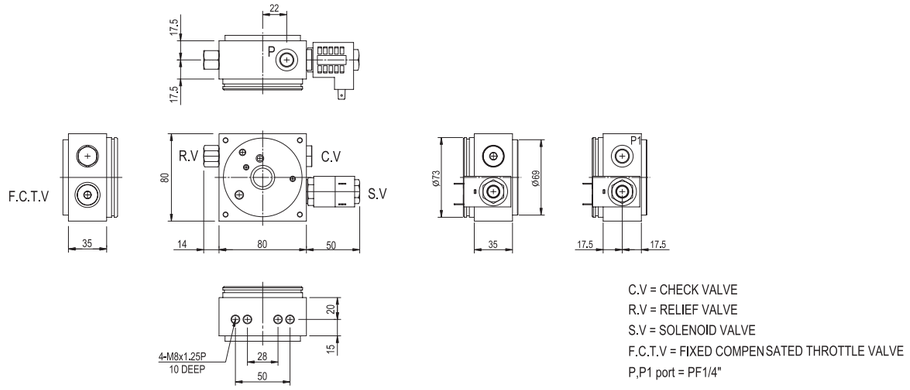
최종 하이드로텍본문0917 2007.11.15 6:35 PM 페이지7
C M Y K

A

SH center block

This SH center block is available only for HALF GROUP Gear pump



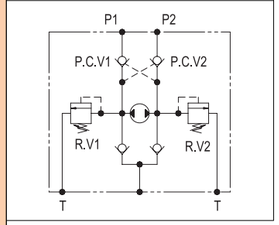
C.V = CHECK VALVE
R.V = RELIEF VALVE
S.V = SOLENOID VALVE
F.C.T.V = FIXED COMPENSATED THROTTLE VALVE
P,P1 port = PF1/4"

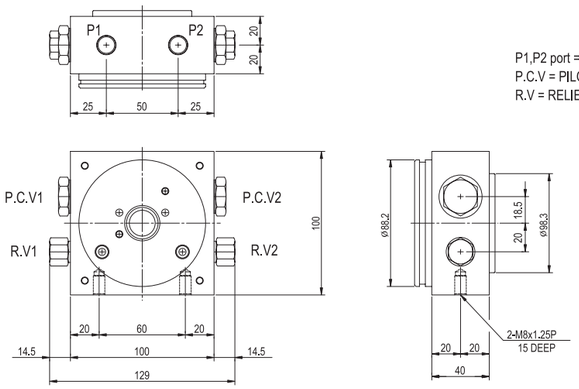
QD center block

This QD center block is available only for bi-direction gear pump

Only for bi-direction power pack

B
1





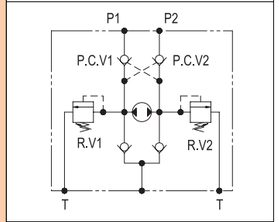
P1,P2 port = PF 1/4"
P.C.V = PILOT CHECK VALVE
R.V = RELIEF VALVE

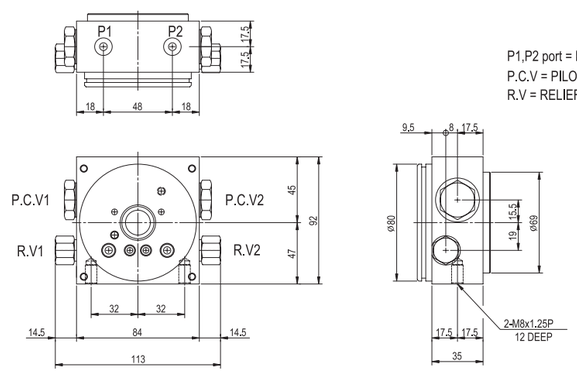
SD center block

This SD center block is available only for bi-direction gear pump

Only for bi-direction power pack

B
1





P1,P2 port = PF 1/4"
P.C.V = PILOT CHECK VALVE
R.V = RELIEF VALVE

C

Relief valve pressure range

Code	L	A	B	C
Pressure range	3 ~ 10 BAR	5 ~ 50 BAR	30 ~ 120 BAR	80 ~ 250 BAR

C M Y K

Pump

3 A / B / C – **X X** (Maker) — **X** is only for maker's use

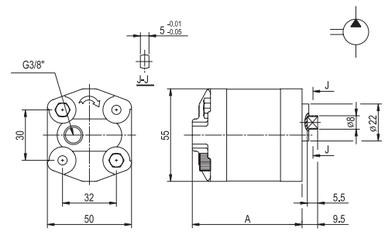
A	Code	G	D
	Pump type	Gear pump	Bi-direction pump

B	Code	H	O
	Group	Half group	One group

B / C — Gear pump G

Code		Specification						
B	C	Displacement (cc/rev)	Flow (Liter/min @2500 RPM) DC	Flow (Liter/min @1700 RPM) AC	Max. operating pressure (bar)	Max. peak pressure (bar)	Max. speed (rpm)	A
Group	CC/REV							
H	02	0.2	0.5	0.3	190	230	7000	54
H	03	0.3	0.7	0.5	190	230	7000	56
H	05	0.5	1.2	0.8	190	230	7000	59
H	07	0.7	1.7	1.1	190	230	7000	64
H	11	1.1	2.7	1.8	190	230	7000	67

Applicable center block : MH, XH, QH, SH, PMU

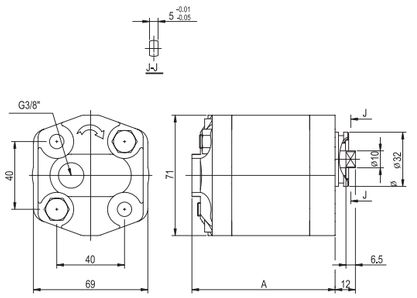


Half group gear pump is CCW

B / C — Gear pump G

Code		Specification						
B	C	Displacement (cc/rev)	Flow (Liter/min @2500 RPM) DC	Flow (Liter/min @1700 RPM) AC	Max. operating pressure (bar)	Max. peak pressure (bar)	Max. speed (rpm)	A
Group	CC/REV							
O	11	1.1	2.7	1.8	230	270	6000	74
O	16	1.6	4.0	2.7	230	270	6000	76
O	21	2.1	5.2	3.5	230	270	6000	78
O	23	2.3	5.7	3.9	230	270	6000	79
O	27	2.7	6.7	4.6	230	270	6000	80
O	32	3.2	8.0	5.4	210	250	5000	82
O	37	3.7	9.2	6.2	210	250	4500	84
O	42	4.2	10.5	7.1	210	250	4000	86
O	48	4.8	12.0	8.1	190	230	3500	88
O	58	5.8	14.5	9.8	190	230	3000	92
O	70	7.0	17.5	11.9	190	230	3000	97.5
O	80	8.0	20.0	13.6	160	200	2100	100
O	98	9.8	24.5	16.6	120	160	2100	102

Applicable center block : MO, XO, DL, PMU

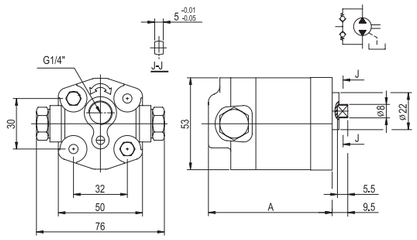


One group gear pump is CCW

B / C — Bi-direction Gear pump D

Code		Specification						
B	C	Displacement (cc/rev)	Flow (Liter/min @2500 RPM) DC	Flow (Liter/min @1700 RPM) AC	Max. operating pressure (bar)	Max. peak pressure (bar)	Max. speed (rpm)	A
Group	CC/REV							
H	02	0.2	0.5	0.3	190	230	7000	61.5
H	03	0.3	0.7	0.5	190	230	7000	63.5
H	05	0.5	1.2	0.8	190	230	7000	66.5
H	07	0.7	1.7	1.1	190	230	7000	68.5
H	11	1.1	2.7	1.8	190	230	7000	74.5

Applicable center block : QD, SD



Note Please contact Hydro-Tek for Group 2 and Group 3 pumps.