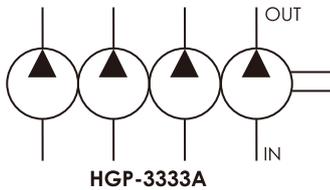
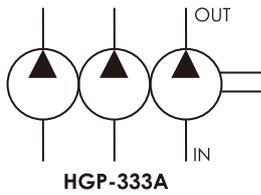
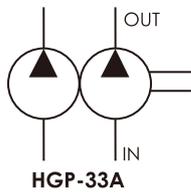


HGP-33A

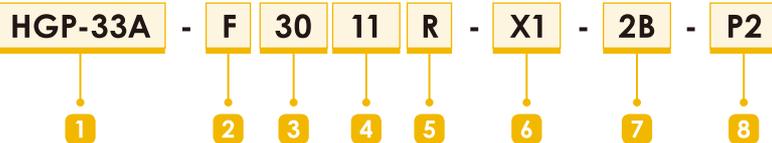
- ▶ Displacement : 2~35 cc/rev (single)
- ▶ Max. Pressure : 250 kgf/cm²
(3500psi)
- ▶ Flange : SAE 2-bolt, DIN 4-bolt,
European 4-bolt



SCHEMATIC SYMBOL



ORDER CODES



1 Model Name	HGP-33A, HGP-333A, HGP-3333A	
2 Mounting	F	flange type
	L	foot type
3 Delivery Capacity (1st)	4, 6, 8, 11, 13, 14, 17, 19, 23, 25, 28, 30, 33, 35	
4 Delivery Capacity (2nd)	2, 3, 4, 6, 8, 11, 13, 14, 17, 19, 23, 25, 28, 30, 33, 35 *	
5 Rotation Direction	R	clockwise
	L	counter - clockwise
6 Shaft Type *	X:	straight shaft Y: spline shaft Z: taper shaft
7 Flange Mounting Type	2B	SAE 2-bolt
	4BD	DIN 4-bolt
	4BE	European 4-bolt
8 Inlet and Outlet *	F: flange type(F1~F6) P: PT(P1~P2)	G: PF, G, BSPP(G1~G2) N: NPT(N1~N2) U: UNF(U1~U2)

* 2 and 3 cc/rev can only be the pump at the back side.

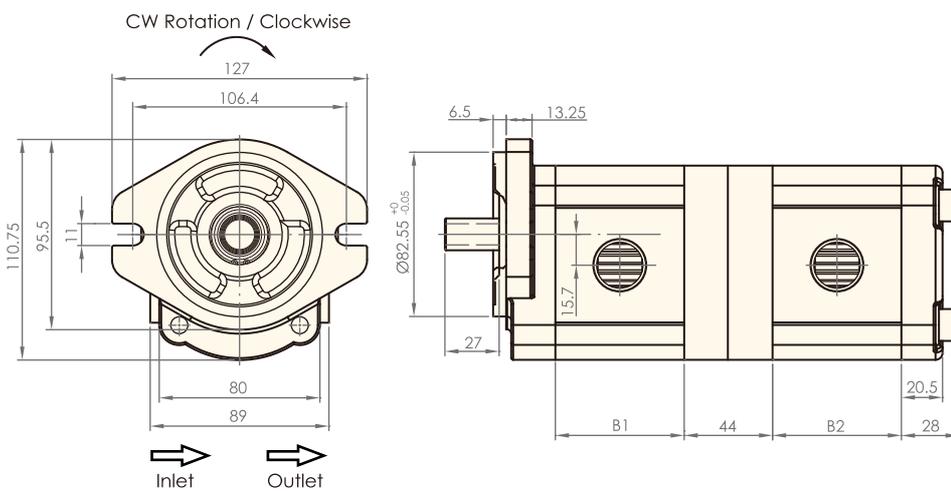
* The dimension of shafts and inlet & outlet sizes please refer to Page 19.

SPECIFICATIONS

Model	Accurate Displacement Capacity (cc/rev)	Operational Pressure (kgf/cm ²)	Max. Pressure (kgf/cm ²)	Speed (r.p.m.)			Weight (kg)
				Rate	Max.	Min.	
HGP-33A-X2 *	X+2 *	210	250	1800	4000	700	-
HGP-33A-X3 *	X+3 *	210	250	1800	4000	700	-
HGP-33A-44	4+4	210	250	1800	4000	700	4.38
HGP-33A-66	6+6	210	250	1800	4000	700	4.46
HGP-33A-88	8+8	210	250	1800	3500	700	4.58
HGP-33A-1111	11+11	210	250	1800	3000	600	5.20
HGP-33A-1313	13+13	210	250	1800	3000	600	5.40
HGP-33A-1414	14.3+14.3	210	250	1800	3000	500	5.52
HGP-33A-1717	16.5+16.5	210	250	1800	3000	500	5.74
HGP-33A-1919	19.2+19.2	210	250	1800	3000	500	5.98
HGP-33A-2323	23+23	210	250	1800	3000	500	6.38
HGP-33A-2525	25+25	175	210	1800	2800	500	6.48
HGP-33A-2828	28+28	175	210	1800	2500	500	6.70
HGP-33A-3030	30+30	175	210	1800	2500	500	6.90
HGP-33A-3333	33+33	140	175	1200	2500	500	7.20
HGP-33A-3535	35+35	125	140	1200	2500	500	7.42

* 2 and 3 cc/rev can only be the pump at the back side, X≥4.

* We provide many options to meet your displacement inquiries of tandem gear pumps, such as HGP-33A-3011 (30+11 cc/rev).

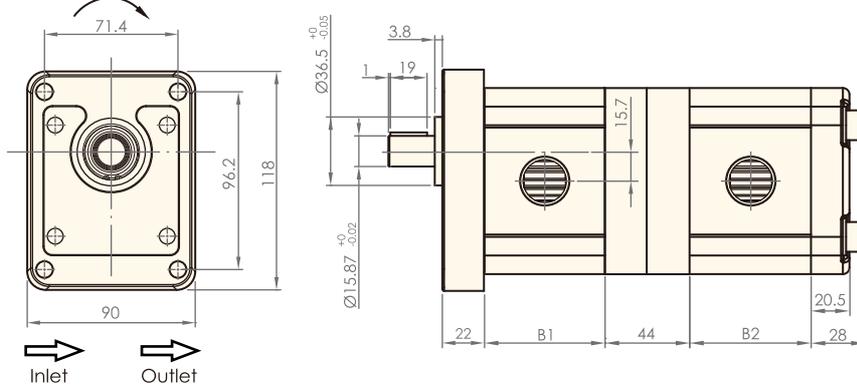
DIMENSIONS (unit : mm)
HGP-33A-2B


Model	B1, B2
HGP-33A-2	45.5
HGP-33A-3	47
HGP-33A-4	49
HGP-33A-6	52
HGP-33A-8	55
HGP-33A-11	60
HGP-33A-13	64
HGP-33A-14	66
HGP-33A-17	70
HGP-33A-19	74
HGP-33A-23	81
HGP-33A-25	84
HGP-33A-28	88
HGP-33A-30	92
HGP-33A-33	98
HGP-33A-35	102

DIMENSIONS (unit : mm)

HGP-33A-4BE

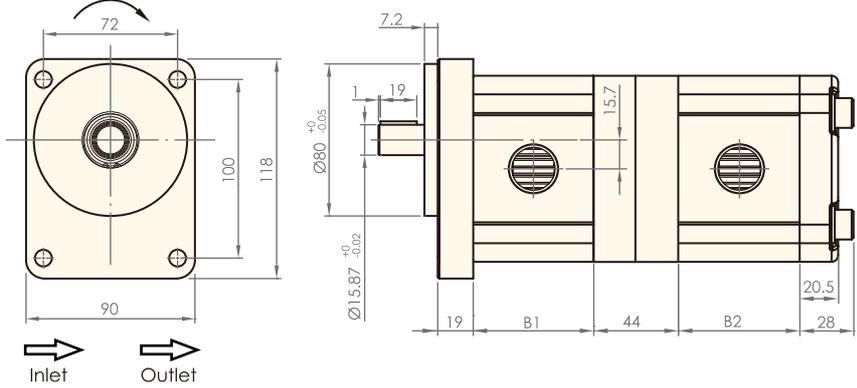
CW Rotation / Clockwise



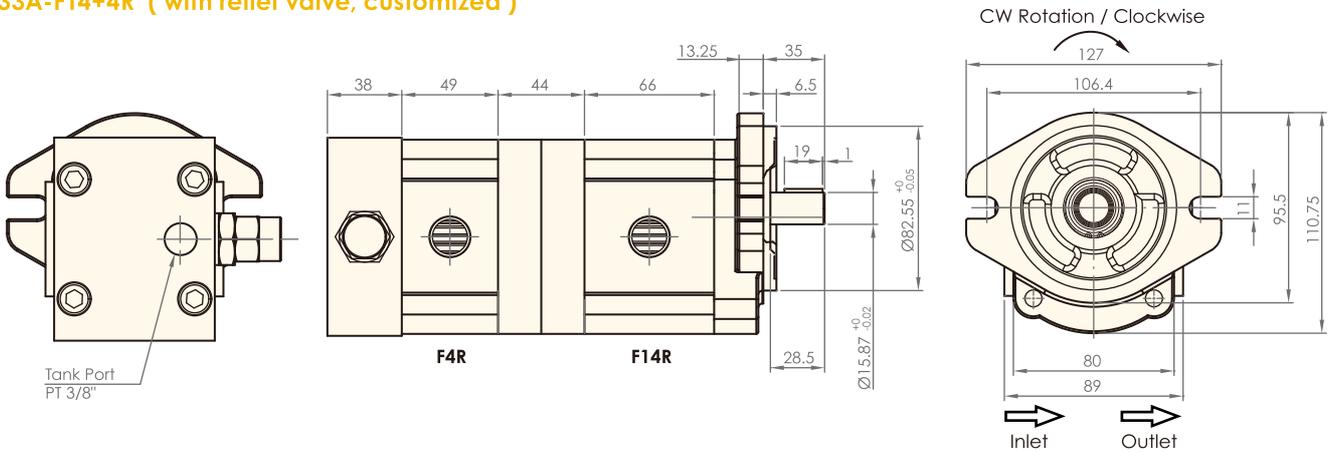
Model	B1, B2
HGP-33A-2	45.5
HGP-33A-3	47
HGP-33A-4	49
HGP-33A-6	52
HGP-33A-8	55
HGP-33A-11	60
HGP-33A-13	64
HGP-33A-14	66
HGP-33A-17	70
HGP-33A-19	74
HGP-33A-23	81
HGP-33A-25	84
HGP-33A-28	88
HGP-33A-30	92
HGP-33A-33	98
HGP-33A-35	102

HGP-33A-4BD

CW Rotation / Clockwise

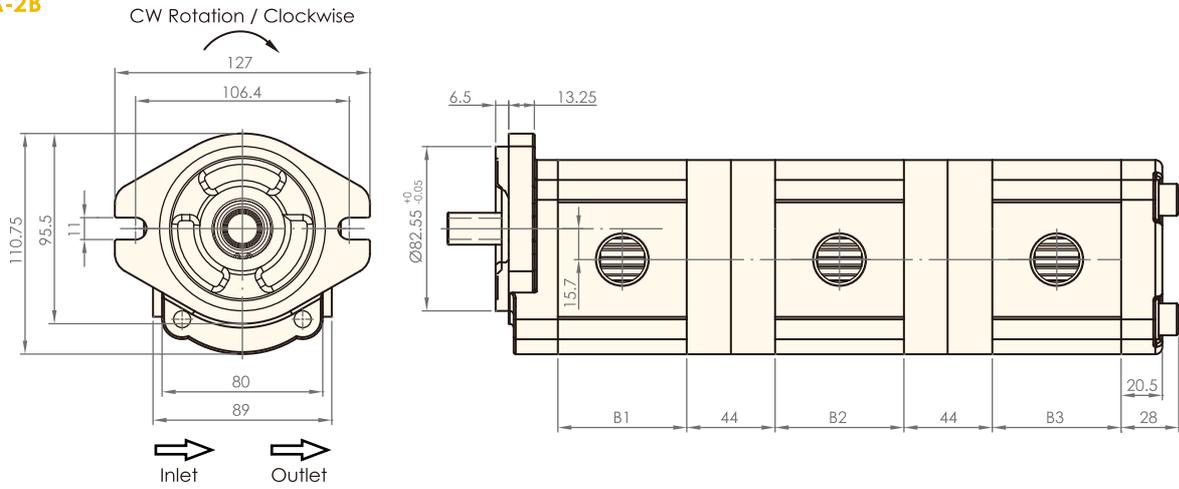
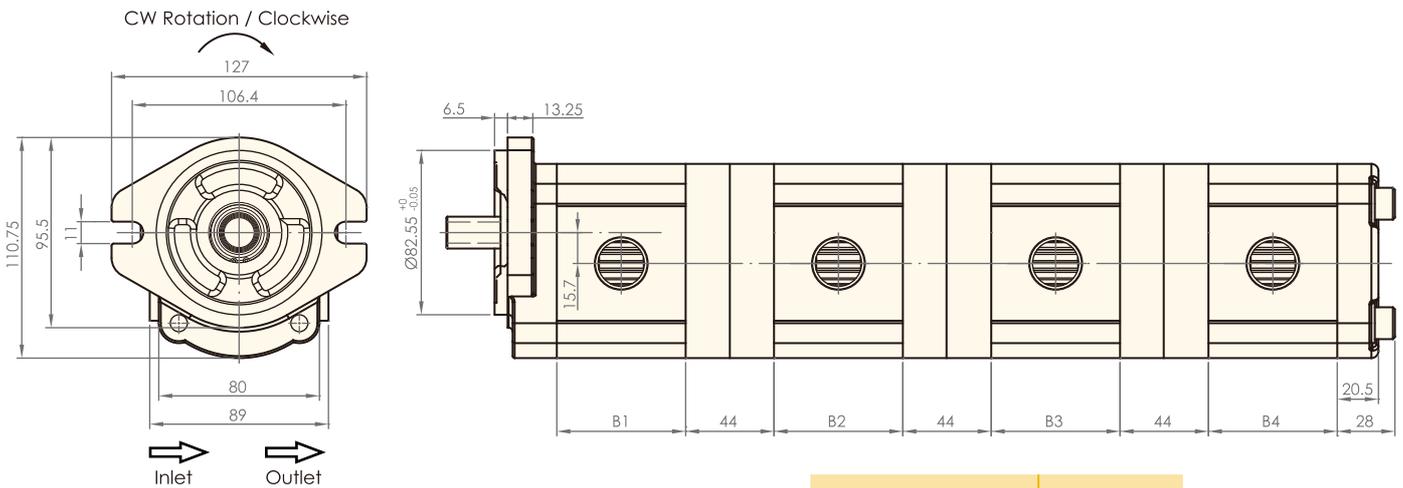


HGP-33A-F14+4R (with relief valve, customized)



* If you need customized services, please contact the local distributors to obtain the further information.

DIMENSIONS (unit : mm)

HGP-333A-2B

HGP-3333A-2B


Model	B1, B2, B3, B4
HGP-333A, 3333A-2	45.5
HGP-333A, 3333A-3	47
HGP-333A, 3333A-4	49
HGP-333A, 3333A-6	52
HGP-333A, 3333A-8	55
HGP-333A, 3333A-11	60
HGP-333A, 3333A-13	64
HGP-333A, 3333A-14	66
HGP-333A, 3333A-17	70
HGP-333A, 3333A-19	74
HGP-333A, 3333A-23	81
HGP-333A, 3333A-25	84
HGP-333A, 3333A-28	88
HGP-333A, 3333A-30	92
HGP-333A, 3333A-33	98
HGP-333A, 3333A-35	102