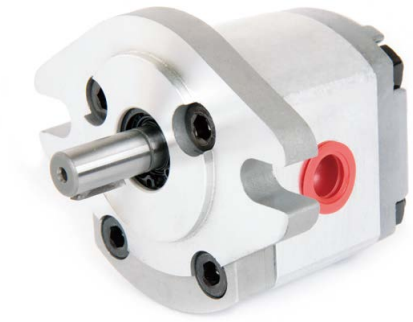
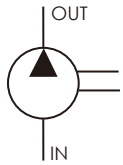
HGP-1A

- Displacement : 0.5~7.8 cc/rev
- Max. Pressure : 250 kgf/cm^2 (3500psi)
- Flange : SAE 2-bolt, DIN 4-bolt, European 4-bolt



SCHEMATIC SYMBOL



ORDER CODES

HGP-1A - F 08 R - X1 - 4BDA - P1

1 2 3 4 5 6 7

1	Model Name	HGP-1A	
2	Mounting	F	flange type
		L	foot type
3	Delivery Capacity	05, 08, 1, 2, 26, 3, 4, 5, 6, 8	
4	Rotation Direction	R	clockwise
		L	counter - clockwise
		M	hydraulic motor *
5	Shaft Type *	X: straight shaft	Y: spline shaft Z: taper shaft
6	Flange Mounting Type	2B	SAE 2-bolt
		4BDA	DIN 4-bolt (type A)
		4BDB	DIN 4-bolt (type B)
		4BE	European 4-bolt
7	Inlet and Outlet *	F: flange type(F1~F2) G: PF, G, BSPP(G1~G2) P: PT(P1~P2) N: NPT(N1~N2) U: UNF(U1~U2)	

* The dimension of shafts and inlet & outlet sizes please refer to Page 11.
* Please contact the local distributors to obtain the specifications of hydraulic motors.

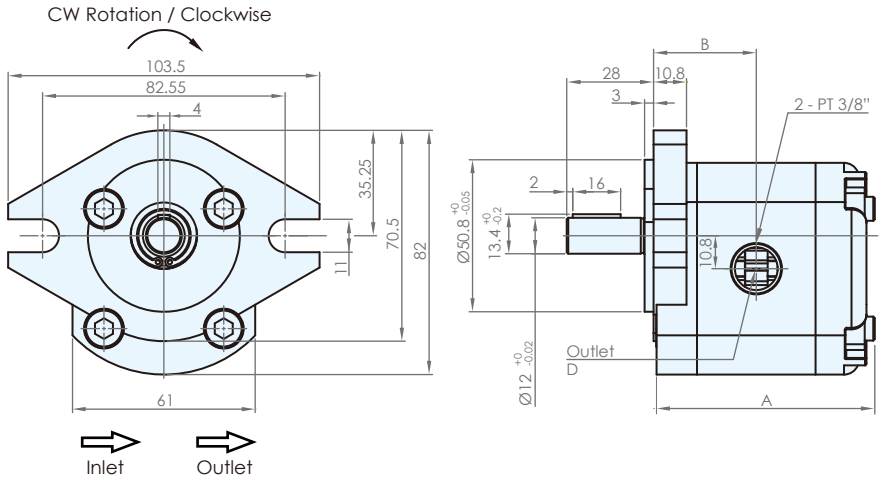
SPECIFICATIONS

Model	Accurate Displacement Capacity (cc/rev)	Operational Pressure (kgf/cm²)	Max. Pressure (kgf/cm²)	Speed (r.p.m.)			Weight (kg)
				Rate	Max.	Min.	
HGP-1A-05	0.5	210	250	1800	4500	1000	1.0
HGP-1A-08	0.8	210	250	1800	4500	1000	1.0
HGP-1A-1	1	210	250	1800	4500	1000	1.0
HGP-1A-2	2	210	250	1800	4500	600	1.05
HGP-1A-26	2.6	210	250	1800	4500	600	1.15
HGP-1A-3	3	210	250	1800	4500	600	1.15
HGP-1A-4	4	210	250	1800	4000	600	1.18
HGP-1A-5	5	210	250	1800	3200	600	1.2
HGP-1A-6	6	210	250	1800	3200	600	1.3
HGP-1A-8	7.8	170	210	1800	3200	600	1.4

* HGP-1A-05 and HGP-1A-26 do not belong to regular products. Customized service can be provided.

DIMENSIONS (unit : mm)

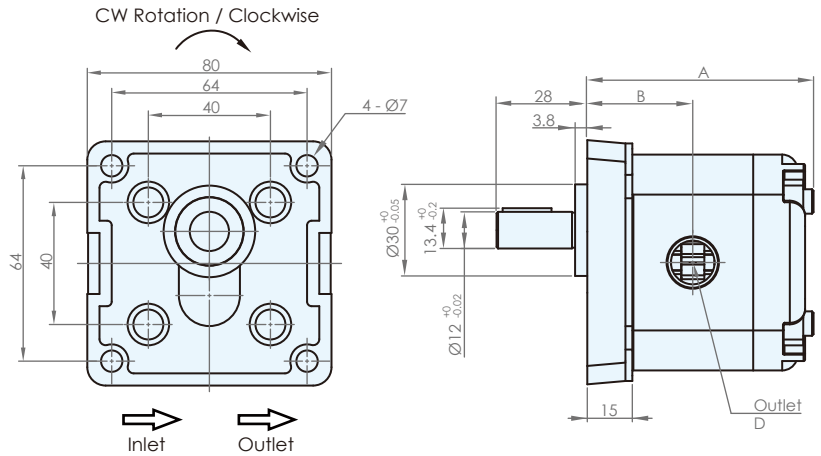
HGP-1A-2B



Model	A	B	C Inlet	D Outlet
HGP-1A-08	67.5	32.5	PT 3/8"	PT 3/8"
HGP-1A-1	69.5	33.5	PT 3/8"	PT 3/8"
HGP-1A-2	72	34.8	PT 3/8"	PT 3/8"
HGP-1A-3	77.5	37.5	PT 3/8"	PT 3/8"
HGP-1A-4	79.5	38.5	PT 3/8"	PT 3/8"
HGP-1A-5	83.5	40.5	PT 3/8"	PT 3/8"
HGP-1A-6	87.5	42.5	PT 3/8"	PT 3/8"
HGP-1A-8	93.5	45.5	PT 1/2"	PT 3/8"

* If you want to order HGP-1A-05 or HGP-1A-26, please email us to get further information.

HGP-1A-4BE

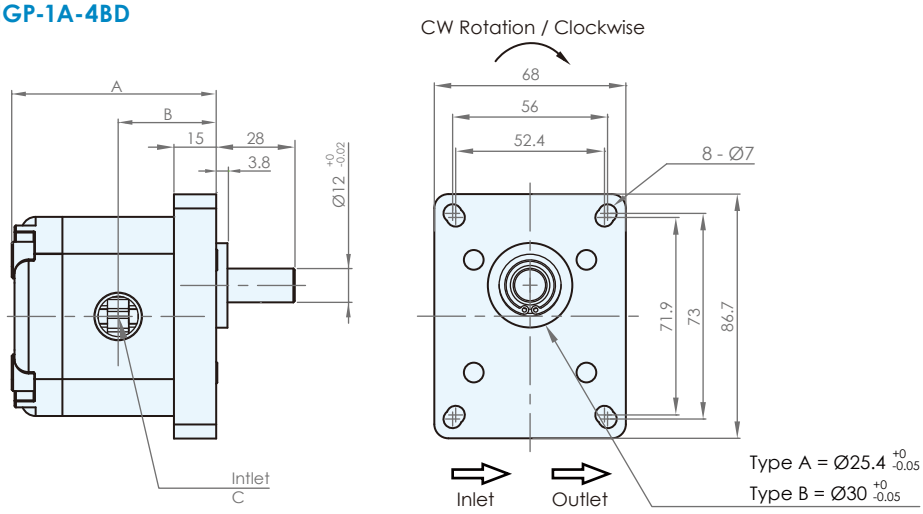


Model	A	B	C Inlet	D Outlet
HGP-1A-08	75.5	32.5	PT 3/8"	PT 3/8"
HGP-1A-1	77.5	33.5	PT 3/8"	PT 3/8"
HGP-1A-2	80.1	34.8	PT 3/8"	PT 3/8"
HGP-1A-3	85.5	37.5	PT 3/8"	PT 3/8"
HGP-1A-4	87.5	38.5	PT 3/8"	PT 3/8"
HGP-1A-5	91.5	40.5	PT 3/8"	PT 3/8"
HGP-1A-6	95.5	42.5	PT 3/8"	PT 3/8"
HGP-1A-8	101.5	45.5	PT 1/2"	PT 3/8"

* If you want to order HGP-1A-05 or HGP-1A-26, please email us to get further information.

DIMENSIONS (unit : mm)

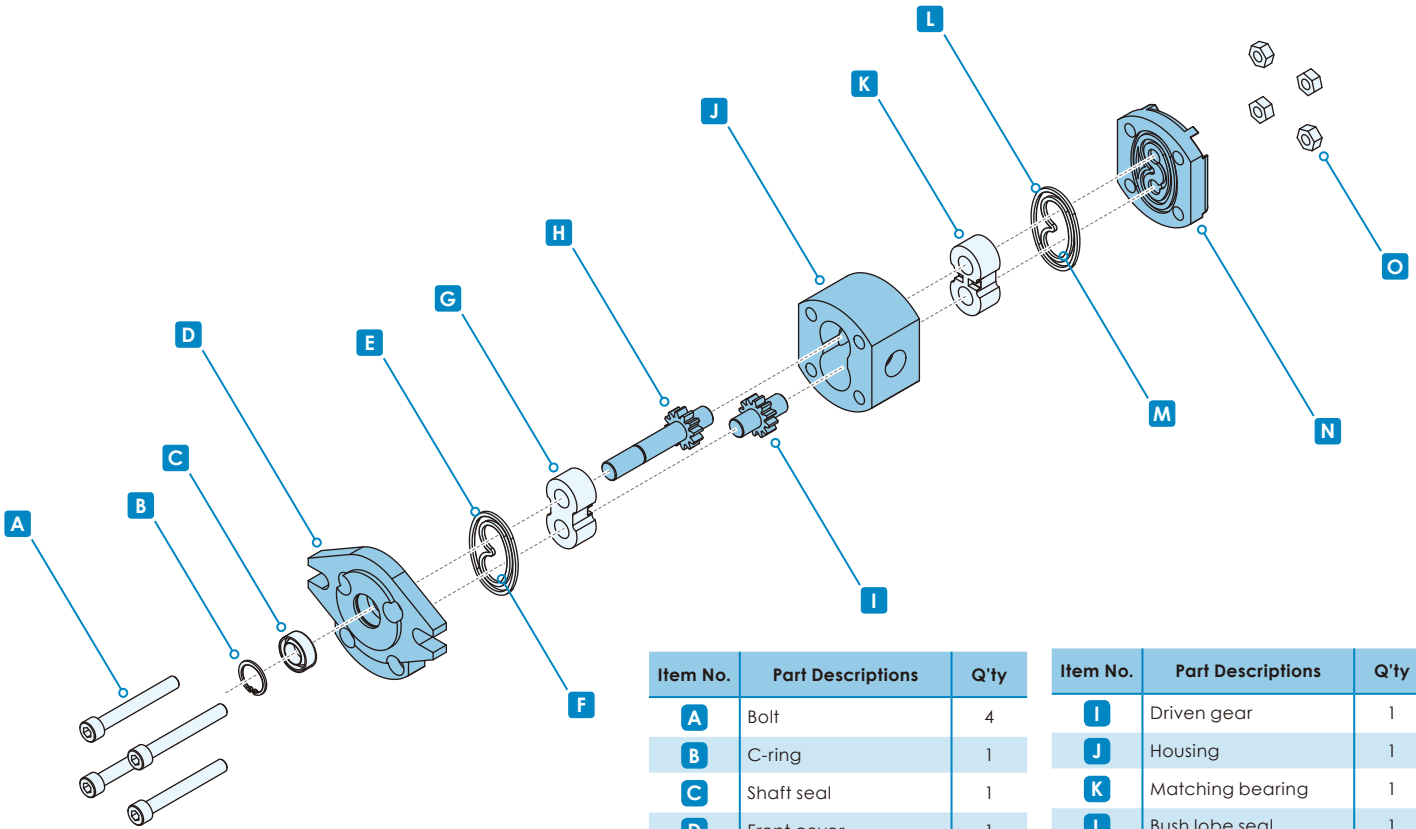
HGP-1A-4BD



Model	A	B	C Inlet	D Outlet
HGP-1A-08	67.5	32.5	PT 3/8"	PT 3/8"
HGP-1A-1	69.5	33.5	PT 3/8"	PT 3/8"
HGP-1A-2	72	34.8	PT 3/8"	PT 3/8"
HGP-1A-3	77.5	37.5	PT 3/8"	PT 3/8"
HGP-1A-4	79.5	38.5	PT 3/8"	PT 3/8"
HGP-1A-5	82.5	40.5	PT 3/8"	PT 3/8"
HGP-1A-6	87.5	42.5	PT 3/8"	PT 3/8"
HGP-1A-8	93.5	45.5	PT 1/2"	PT 3/8"

* If you want to order HGP-1A-05 or HGP-1A-26, please email us to get further information.

DECOMPOSITION CHARTS



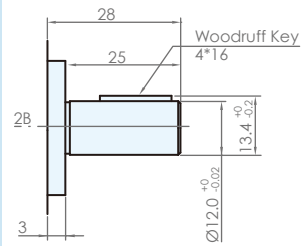
Item No.	Part Descriptions	Q'ty
A	Bolt	4
B	C-ring	1
C	Shaft seal	1
D	Front cover	1
E	O-ring	1
F	Bush lobe seal	1
G	Matching bearing	1
H	Drive gear	1

Item No.	Part Descriptions	Q'ty
I	Driven gear	1
J	Housing	1
K	Matching bearing	1
L	Bush lobe seal	1
M	O-ring	1
N	Rear cover	1
O	Nut	4

ADDITIONAL DIMENSION

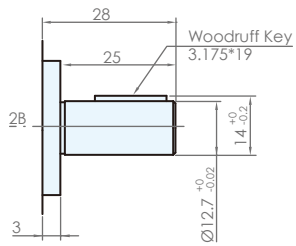
Dimension of Shaft

X1



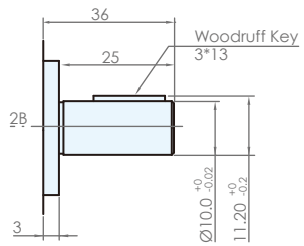
12

X2



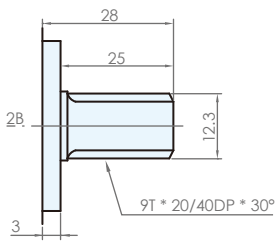
12.7

X3



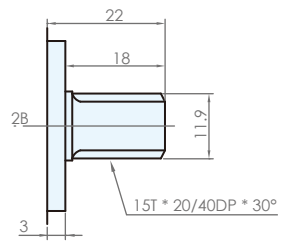
10

Y1



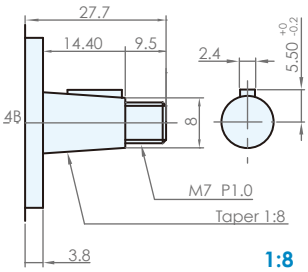
9T

Y2



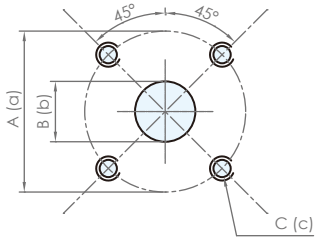
15T

Z1



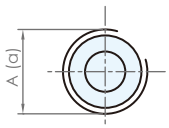
1:8

Inlet and Outlet Size



Flange Type

Code	Inlet			Outlet		
	A	B	C	a	b	c
F1	30	14.50	M6	30	14.50	M6
F2	35	14.50	M6	35	14.50	M6



PF (G, BSPP)

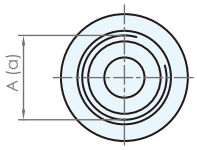
Code	Inlet	Outlet
	A	a
G1	G 3/8"	G 3/8"
G2	G 1/2"	G 3/8"

PT (BSPT)

Code	Inlet	Outlet	Applicable Model
	A	a	
P1	3/8" PT	3/8" PT	1A-08 ~ 6
P2	1/2" PT	3/8" PT	1A-8

NPT

Code	Inlet	Outlet	Applicable Model
	A	a	
N1	3/8" NPT	3/8" NPT	1A-08 ~ 6
N2	1/2" NPT	3/8" NPT	1A-8



UNF

Code	Inlet	Outlet
	A	a
U1	9/16"-18UNF	9/16"-18UNF
U2	3/4"-16UNF	9/16"-18UNF