



YEOSHE

液壓配件

Hydraulic Components

齒輪泵 系列
Gear Pump Series



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Efficient Performance
Innovative Technology
Reliable Quality and
Service

YEOSHE HYDRAULICS CO.,LTD.

**C**

齒輪泵

Gear Pump

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YEOSHE

YEOSHE HYDRAULICS CO., LTD.



商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量: 4~35 cc/rev
Displacement: 4~35 cc/rev
- 最大壓力: 210 kgf/cm² (3000psi)
Max. Pressure: 210 kgf/cm² (3000psi)

商品型號 Order Code

DFM-3	02A	11	M
0	1	2	3

0	型號 MODEL
	DFM-302A

1	安裝方式 Mounting
	02A : 2 connections
	03A : 3 connections
	04A : 4 connections
	05A : 5 connections
	06A : 6 connections
	07A : 7 connections

2	排量 Displacement
	4,6,8,11,13,14,17,19,23,25,28,30,35

3	功能 Functional Type
	M:同步分流 Synchronous Flow Divider

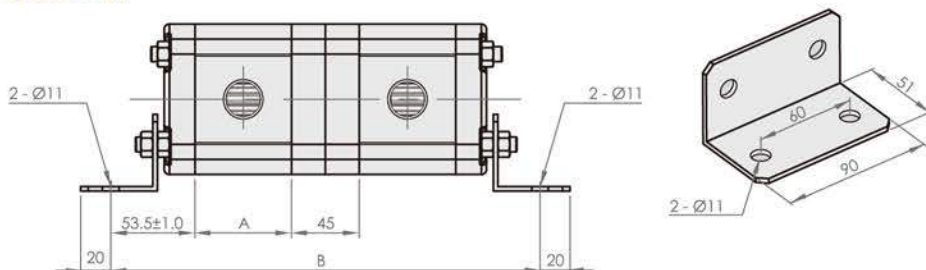
規格說明 Specification

型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm ²)	迴轉 Speed (rpm)		出入口尺寸 Port Size (PT)	
		最高 Max.	加載 Loaded	卸載 Unloaded	出口 Outlet	入口 Inlet
DFM-30*A-4M	4	210	1000	2000	3/4"	1/2"
DFM-30*A-6M	6					
DFM-30*A-8M	8.4					
DFM-30*A-11M	11					
DFM-30*A-13M	13					
DFM-30*A-14M	14.3					
DFM-30*A-17M	16.5					
DFM-30*A-19M	19.2					
DFM-30*A-23M	23					
DFM-30*A-25M	25				1"	3/4"
DFM-30*A-28M	28					
DFM-30*A-30M	30					
DFM-30*A-35M	35					

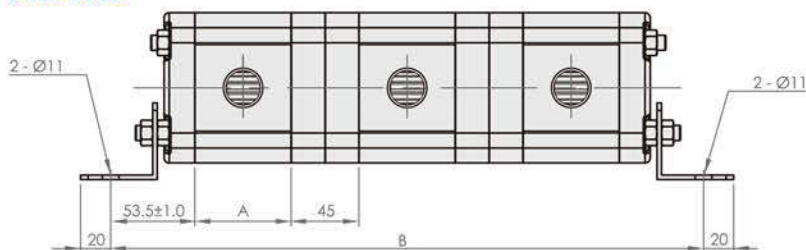
* The initial pressure : 30kgf/cm²

尺寸圖 Dimension (unit : mm)

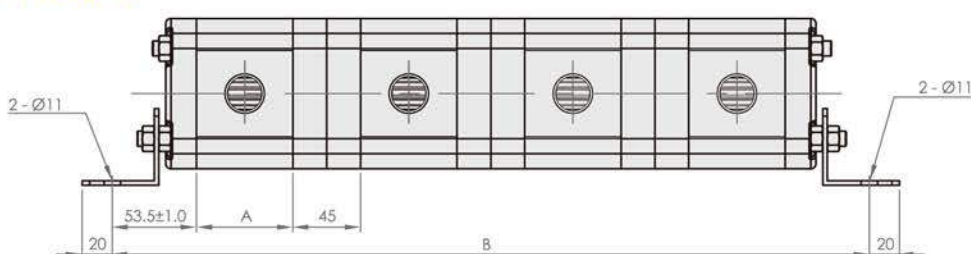
DFM-302A



DFM-303A



DFM-304A

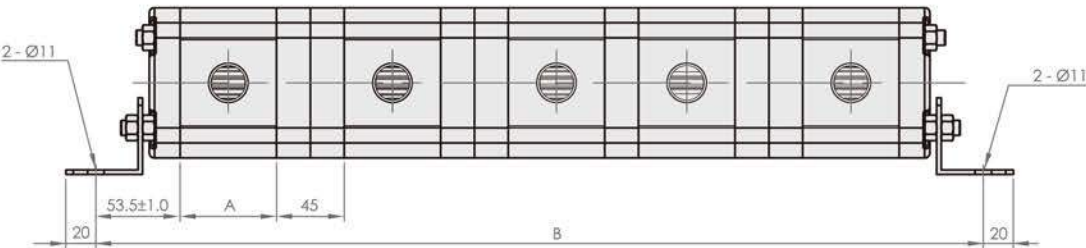


齒輪泵

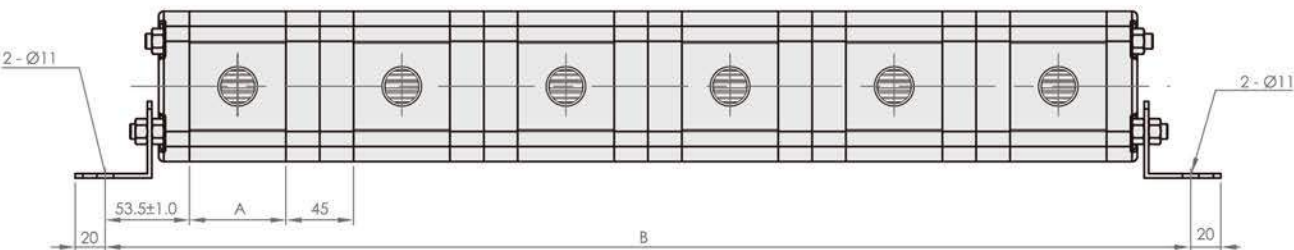


尺寸圖 Dimension (unit : mm)

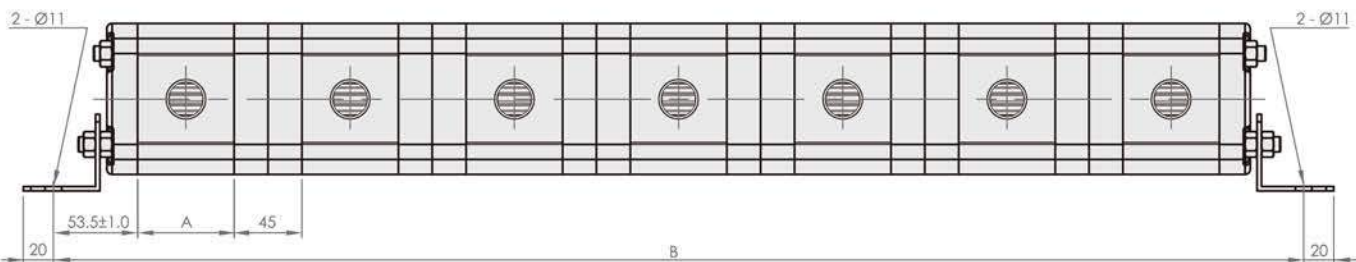
DFM-305A



DFM-306A



DFM-307A



Model	A	B					
DFM		302A	303A	304A	305A	306A	307A
4M	49	250	344	438	532	626	720
6M	52	256	353	450	547	644	741
8M	55	262	362	462	562	662	762
11M	60	272	377	482	587	692	797
13M	64	280	389	498	607	716	825
14M	66	284	395	506	617	728	839
17M	70	292	407	522	637	752	867
19M	74	300	419	538	657	776	895
23M	81	314	440	566	692	818	944
25M	84	320	449	578	707	836	965
28M	88	328	461	594	727	860	993
30M	92	336	473	610	747	884	1021
35M	102	356	503	650	797	944	1091



商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
可多聯組合，達到多具油缸同步控制之目的。
- It is available to assemble pump tandem.
排量: 0.35~1.13 cc/rev
Displacement: 0.35~1.13 cc/rev
最大壓力: 250 kgf/cm² (3500psi)
Max.Pressure: 250 kgf/cm² (3500psi)

商品型號 Order Code

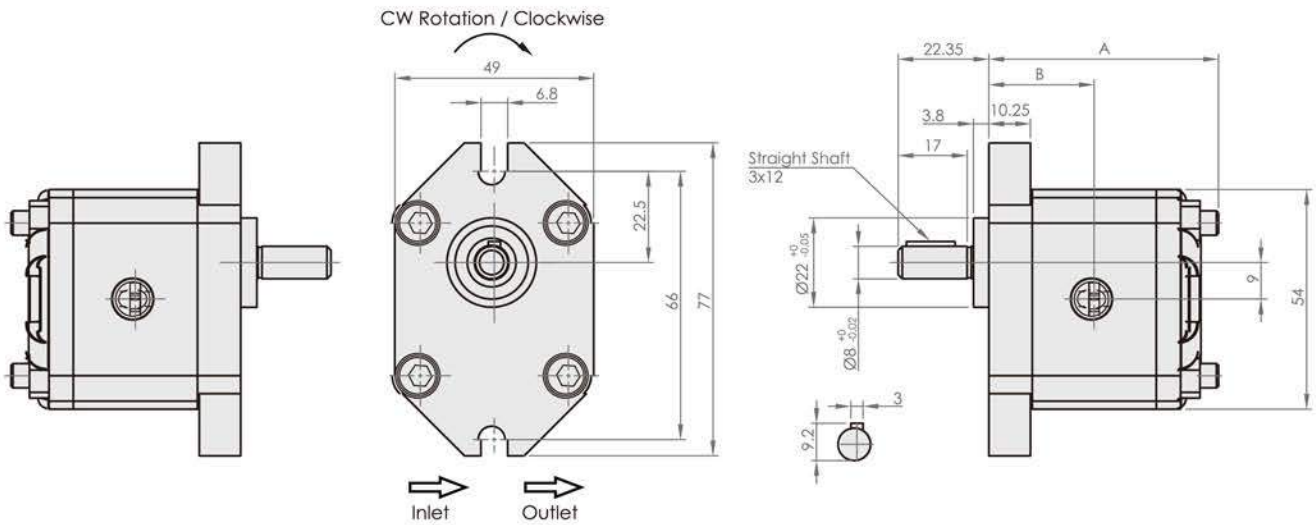
	HGP-05A	F	08	R	X
	0	1	2	3	4
0 型號 MODEL HGP-05A					
2 安裝方式 Mounting F: Flange Type L: Foot Type					
3 排量 Displacement 03,05,08,11					
4 迴轉方向 Rotation R: Clockwise L: Counter-Clock wise					
5 心軸型式 Shaft Type X: Straight shaft					



規格說明 Specification

型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm ²)		迴轉 Speed (rpm)	尺寸 Dimension(mm)		出入口尺寸 Port Size (PT)	
		工作 Work	最高 Max.		A	B	出口 Outlet	入口 Inlet
HGP-05A- ※ 03 ※	0.35	210	250	Rate:1800 Max:3500 Min:800	52	25	1/8"	1/8"
HGP-05A- ※ 05 ※	0.56				54	26		
HGP-05A- ※ 08 ※	0.85				56	27	1/4"	1/4"
HGP-05A- ※ 11 ※	1.13				58	28		

尺寸圖 Dimension (unit : mm)



Model	A	B
HGP-05A-03	52	25
HGP-05A-05	54	26
HGP-05A-08	56	27
HGP-05A-11	58	28



商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量: 0.5~7.8 cc/rev
Displacement: 0.5~7.8 cc/rev
- 最大壓力: 250 kgf/cm² (3500psi)
Max. Pressure: 250 kgf/cm² (3500psi)

商品型號 Order Code

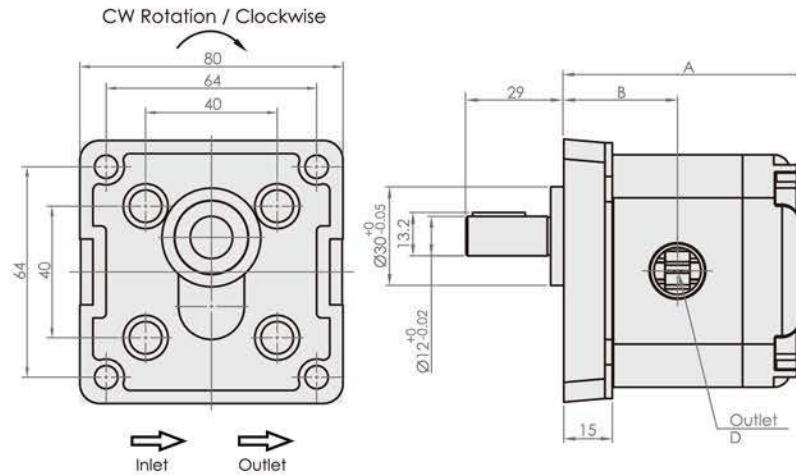
	HGP-1A	F	1	R	X1	2B	P1
	0	1	2	3	4	5	6
0 型號 MODEL HGP-1A							
1 安裝方式 Mounting F: Flange Type L: Foot Type							
2 排量 Displacement 05,08,1,2,26,3,4,5,6,8							
3 迴轉方向 Rotation Direction R: Clockwise L: Counter-Clock wise *M: Hydraulic Motors							
4 *心軸型式 Shaft Type X: Standard Y: Spline Z: Taper							
5 法蘭形式 Flange Type 2B: SAE 2-bolt 4BDA: DIN 4-bolt (type A) 4BDB: DIN 4-bolt (type B) 4BE: European 4-bolt							
6 *入/出口 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)							

*心軸的尺寸以及入油口和出油口的尺寸請參閱第9頁。
*請聯繫當地經銷商，以獲得液壓馬達的規格。

* The dimension of shafts and inlet & outlet sizes please refer to Page 9.
* Please contact the local distributors to obtain the specifications of hydraulic motors.

尺寸圖 Dimension (unit: mm)

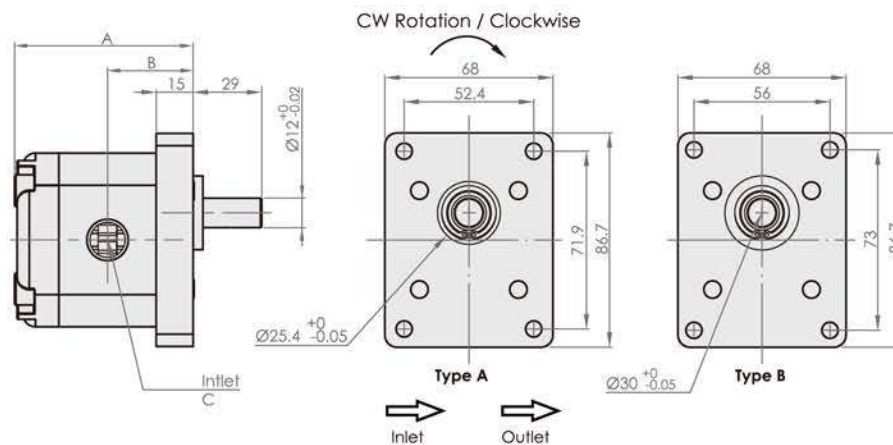
HGP-1A-4BE



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.

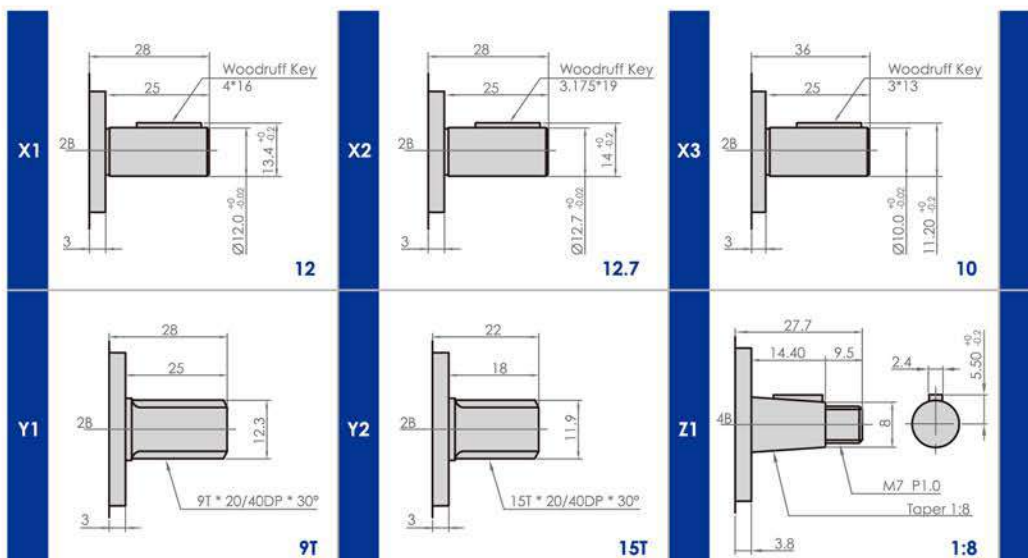
HGP-1A-4BD



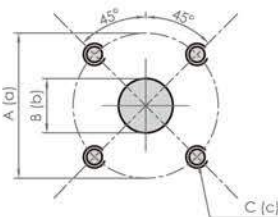
Model	A	B	C Inlet	D Outlet
HGP-1A-08	67.5	32.5	PT 3/8"	PT 3/8"
HGP-1A-1	69.5	33.5	PT 3/8"	PT 3/8"
HGP-1A-2	72	34.8	PT 3/8"	PT 3/8"
HGP-1A-3	77.5	37.5	PT 3/8"	PT 3/8"
HGP-1A-4	79.5	38.5	PT 3/8"	PT 3/8"
HGP-1A-5	82.5	40.5	PT 3/8"	PT 3/8"
HGP-1A-6	87.5	42.5	PT 3/8"	PT 3/8"
HGP-1A-8	93.5	45.5	PT 1/2"	PT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

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

軸心尺寸 Dimension of Shaft

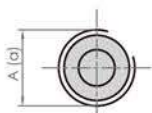


Inlet and Outlet Size



Flange Type

F1	30	14.50	M6	30	14.50	M6
F2	35	14.50	M6	35	14.50	M6



PF (G, BSPP)

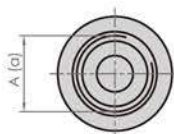
G1	G 3/8"	G 3/8"
G2	G 1/2"	G 3/8"

PT (BSPT)

P1	3/8" PT	3/8" PT
P2	1/2" PT	3/8" PT

NPT

N1	3/8" NPT	3/8" NPT
N2	1/2" NPT	3/8" NPT



UNF

U1	9/16"-18UNF	9/16"-18UNF
U2	3/4"-16UNF	9/16"-18UNF



商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量：2~12 cc/rev
Displacement: 2~12 cc/rev
- 最大壓力：250 kgf/cm² (3500psi)
Max.Pressure: 250 kgf/cm² (3500psi)

商品型號 Order Code

	HGP-2AY	F	2	R	X1	4BJ	P2
	0	1	2	3	4	5	6
型號 MODEL							
0 HGP-2AY(standard) HGP-2A(old standard)							
安裝形式 Mounting							
1 F:Flange Type L:Foot Type							
排量 Displacement							
2 1, 2, 25, 3, 4, 5, 6, 8, 9, 11, 12, 13							
迴轉方向 Rotation Direction							
3 R:Clockwise L:Counter-Clockwise							
心軸型式 Shaft Type							
4 X:Standard Y:Spline Z:Taper W:Tang							
法蘭形式 Flange Type							
5 4BJ:JIS 4-bolt							
*入/出油口 Inlet and Outlet							
6 F: Flange type(F1) G: PF, G, BSPP(G1~G2) P: PT(P1~P2) N: NPT(N1~N2)							

*心軸的尺寸以及入油口和出油口的尺寸請參閱第13頁。
* The dimension of shafts and inlet & outlet sizes please refer to Page 13.

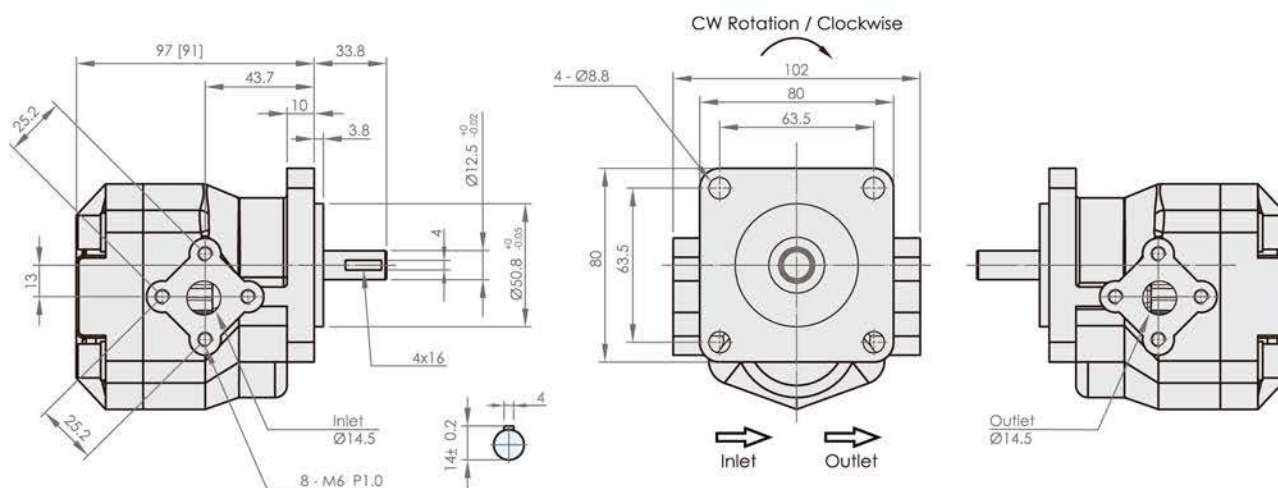
規格說明 Specification

型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm²)		迴轉 Speed (rpm) Rate:1800	
		工作 Work	最高 Max.	最低 Min	最高 Max
HGP-2AY- ※ 1 ※	1	210	250	1000	5000
HGP-2AY- ※ 2 ※	2			850	
HGP-2AY- ※ 25 ※	2.5				
HGP-2AY- ※ 3 ※	3			800	4500
HGP-2AY- ※ 4 ※	4			700	3500
HGP-2AY- ※ 5 ※	5			600	3000
HGP-2AY- ※ 6 ※	6			550	2500
HGP-2AY- ※ 8 ※	7.5			500	2000
HGP-2AY- ※ 9 ※	9				
HGP-2AY- ※ 11 ※	10.5				
HGP-2AY- ※ 12 ※	12	175	210	500	2000
HGP-2AY- ※ 13 ※	13				

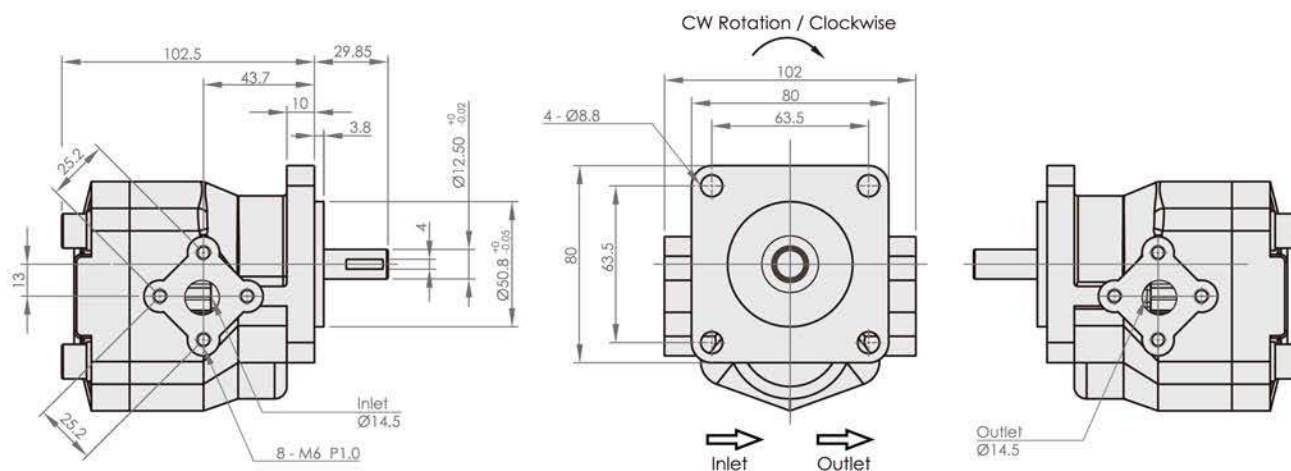
* HGP-2AY-1, HGP-2AY-25 and HGP-2AY-13 do not belong to regular products. Customized service can be provided.

尺寸圖 Dimension (unit : mm)

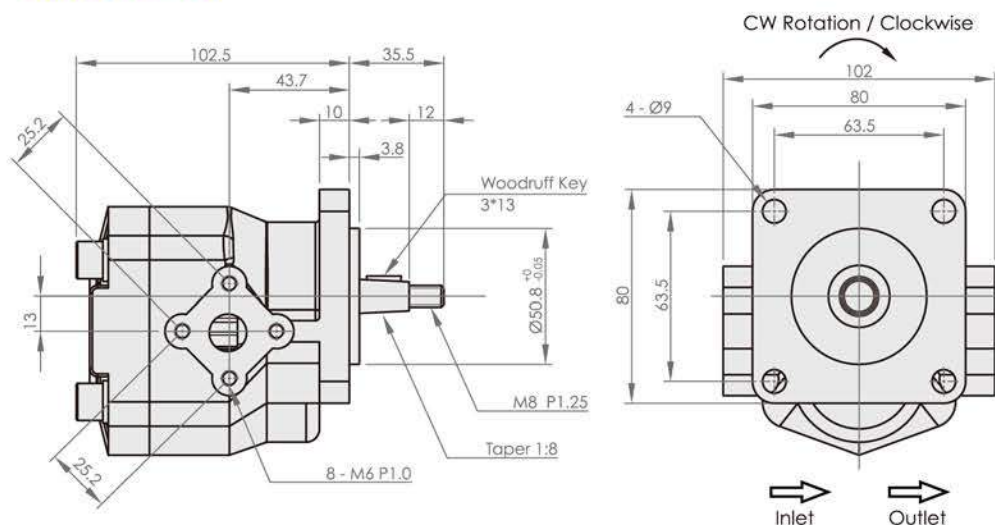
HGP-2AY



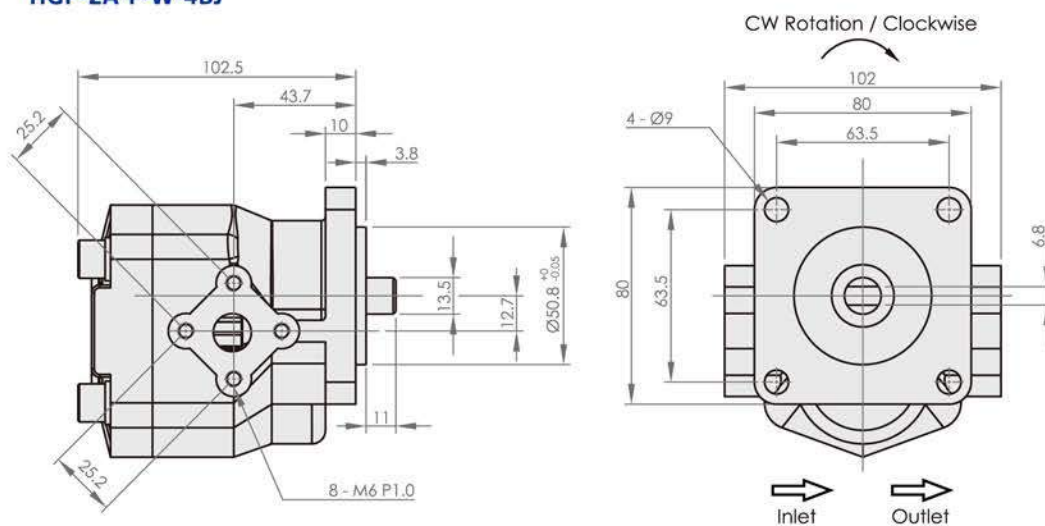
HGP-2A-F-X-4BJ



HGP-2A-F-Z-4BJ



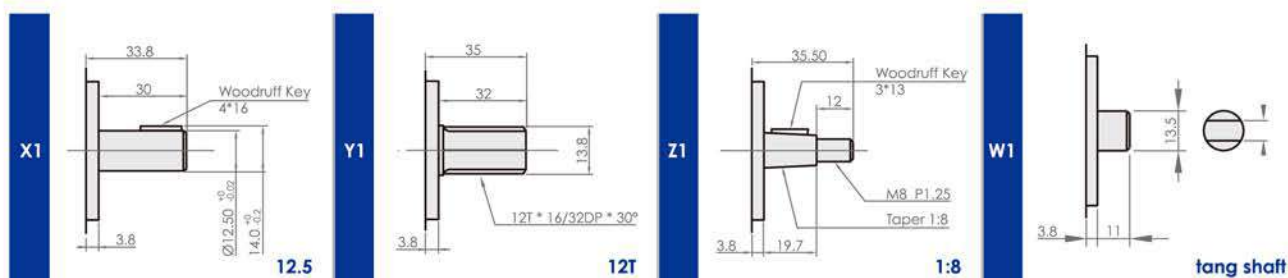
HGP-2A-F-W-4BJ



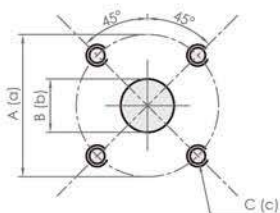
齒輪泵



軸心尺寸 Dimension of Shaft (unit : mm)

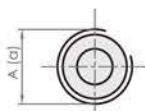


Inlet and Outlet Size



Flange Type

Code	Inlet			Outlet		
	A	B	C	a	b	c
F1	35	14.5	M6	35	14.5	M6



PF (G, BSPP)

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

PT (BSPT)

Code	Inlet	Outlet
	A	a
P1	3/8" PT	3/8" PT
P2	1/2" PT	1/2" PT

NPT

Code	Inlet	Outlet
	A	a
N1	3/8" NPT	3/8" NPT
N2	1/2" NPT	1/2" NPT



商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量：4~35 cc/rev
Displacement: 4~35 cc/rev
- 最大壓力：250 kgf/cm² (3500psi)
Max.Pressure: 250 kgf/cm² (3500psi)

商品型號 Order Code

	HGP-3A	F	6	R	X1	4BD	P1
	0	1	2	3	4	5	6
0 型號 MODEL HGP-3A							
1 安裝形式 Mounting F:Flange Type L:Foot Type							
2 排量 Displacement 4, 6, 8, 11, 13, 14, 17, 19, 23, 25, 28, 30, 33, 35							
3 迴轉方向 Rotation Direction R:Clockwise L:Counter-Clockwise *M:Hydraulic Motors							
4 *心軸型式 Shaft Type X:Standard Y:Spline Z:Taper							
5 法蘭形式 Flange Type 2B: SAE 2-bolt 4BD:DIN 4-bolt 4BE:European 4-bolt							
6 *入/出油口 Inlet and Outlet F: Flange type(F1~F6) G: PF, G, BSPP(G1~G2) P: PT(P1~P2) N: NPT(N1~N2) U: UNF(U1~U2)							

*請聯繫當地經銷商，以獲得液壓馬達的規格。
*心軸的尺寸以及入油口和出油口的尺寸請參閱第17頁。

*please contact the local distributors to obtain the specifications of hydraulic motors.
* The dimension of shafts and inlet & outlet sizes please refer to Page 17.



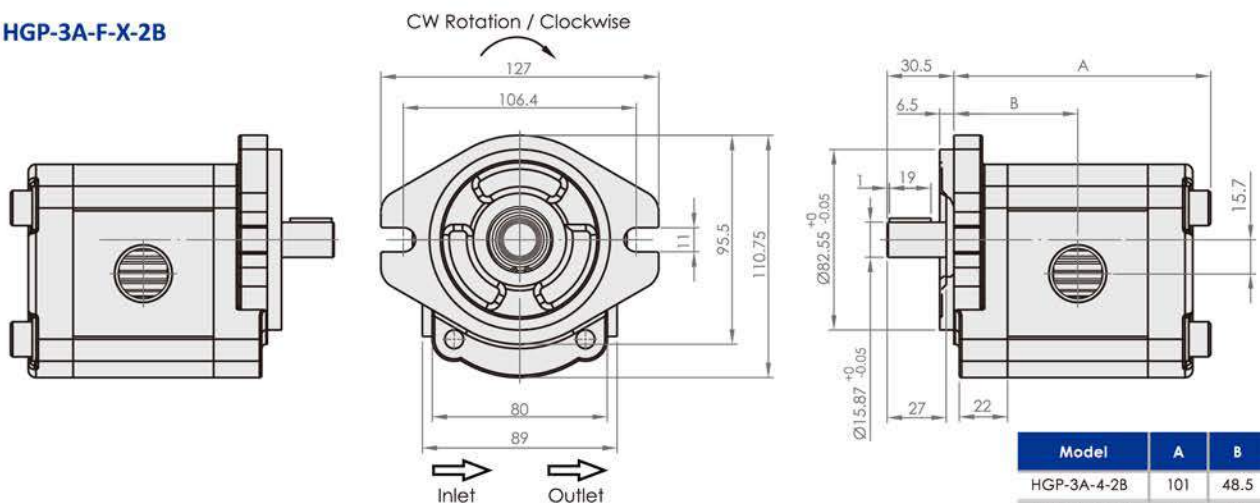
規格說明 Specification

型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm²)		迴轉 Speed (rpm) Rate:1800	
		工作 Work	最高 Max.	最低 Min	最高 Max
HGP-3A- ※ 4 ※	4	210	250	700	4000
HGP-3A- ※ 6 ※	6				3500
HGP-3A- ※ 8 ※	8.4				
HGP-3A- ※ 11 ※	11			600	3000
HGP-3A- ※ 13 ※	13				
HGP-3A- ※ 14 ※	14.3				
HGP-3A- ※ 17 ※	16.5				
HGP-3A- ※ 19 ※	19.2	175	210	500	2800
HGP-3A- ※ 23 ※	23				2500
HGP-3A- ※ 25 ※	25				
HGP-3A- ※ 28 ※	28				
HGP-3A- ※ 30 ※	30				
HGP-3A- ※ 33 ※	33	140	175		
HGP-3A- ※ 35 ※	35	125	140		

*Rate:1200

尺寸圖 Dimension (unit : mm)

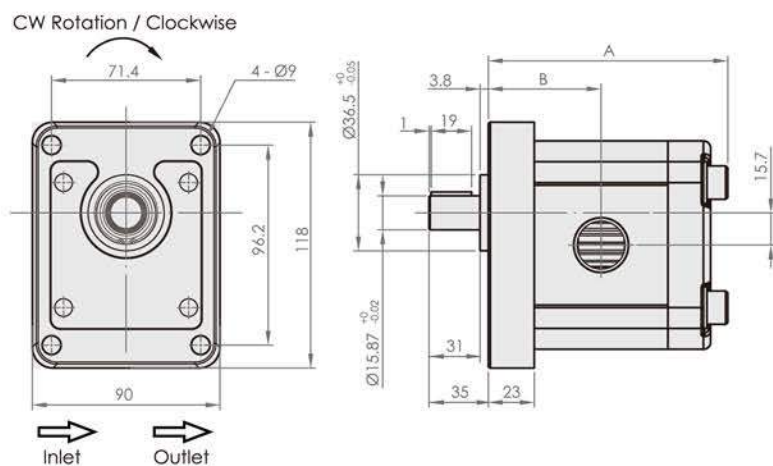
HGP-3A-F-X-2B



Model	A	B
HGP-3A-4-2B	101	48.5
HGP-3A-6-2B	105	50
HGP-3A-8-2B	109	51.5
HGP-3A-11-2B	113	54
HGP-3A-13-2B	117	56
HGP-3A-14-2B	119	57
HGP-3A-17-2B	123	59
HGP-3A-19-2B	127	61
HGP-3A-23-2B	134	65
HGP-3A-25-2B	137	66
HGP-3A-28-2B	141	68
HGP-3A-30-2B	145	70
HGP-3A-33-2B	150	73
HGP-3A-35-2B	154	75

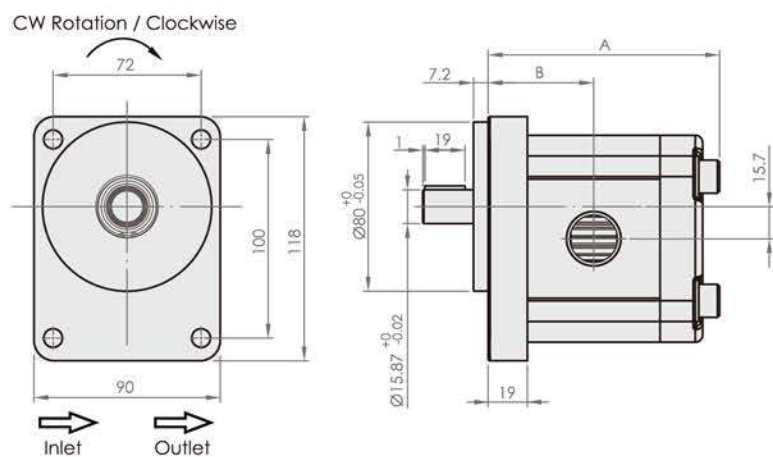
尺寸圖 Dimension (unit : mm)

HGP-3A-F-X-4BE



Model	A	B
HGP-3A-4-4BE	101	46.5
HGP-3A-6-4BE	105	48
HGP-3A-8-4BE	109	49.5
HGP-3A-11-4BE	113	52
HGP-3A-13-4BE	117	54
HGP-3A-14-4BE	119	55
HGP-3A-17-4BE	123	57
HGP-3A-19-4BE	127	59
HGP-3A-23-4BE	134	63
HGP-3A-25-4BE	137	64
HGP-3A-28-4BE	141	66
HGP-3A-30-4BE	145	68
HGP-3A-33-4BE	150	71
HGP-3A-35-4BE	154	73

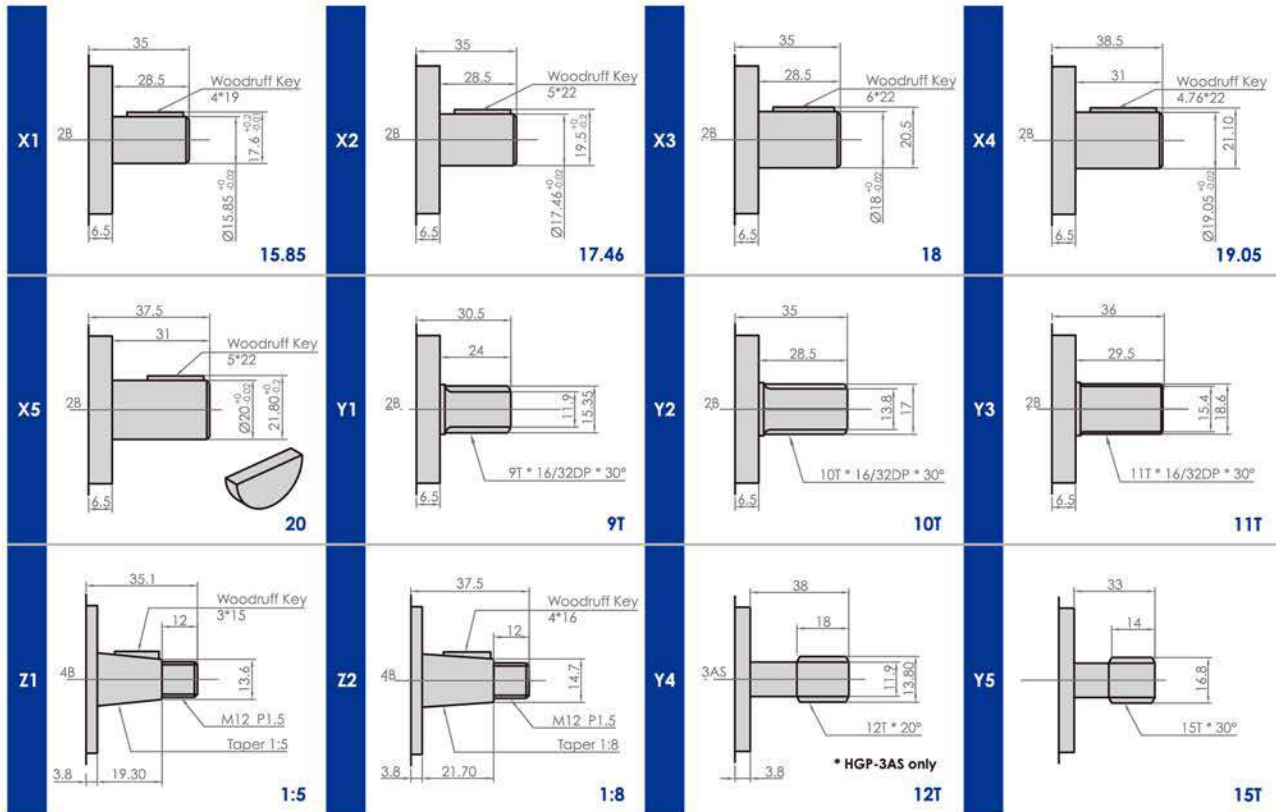
HGP-3A-F-X-4BD



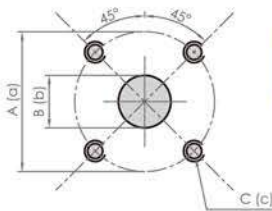
Model	A	B
HGP-3A-4-4BD	101	43.5
HGP-3A-6-4BD	105	45
HGP-3A-8-4BD	109	46.5
HGP-3A-11-4BD	113	49
HGP-3A-13-4BD	117	51
HGP-3A-14-4BD	119	52
HGP-3A-17-4BD	123	54
HGP-3A-19-4BD	127	56
HGP-3A-23-4BD	134	60
HGP-3A-25-4BD	137	61
HGP-3A-28-4BD	141	63
HGP-3A-30-4BD	145	65
HGP-3A-33-4BD	150	68
HGP-3A-35-4BD	154	70



軸心尺寸 Dimension of Shaft (unit : mm)

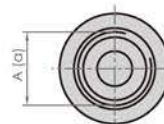


Inlet and Outlet Size



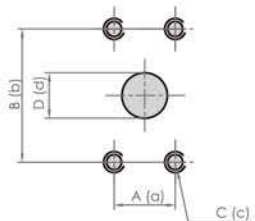
Flange Type

Code	Inlet			Outlet		
	A	B	C	a	b	c
F1	40	18.5	M6	35	14.5	M6
F2	40	18.5	M8	30	14.5	M6
F3	40	18.5	M8	40	14.5	M8



UNF

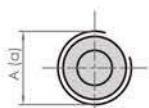
Code	Inlet	Outlet
	A	a
U1	1 1/16"-12UNF	7/8"-14UNF
U2	1 5/16"-12UNF	1 1/16"-12UNF



Flange Type

Code	Inlet				Outlet			
	A	B	C	D	a	b	c	d
F4	17.48	38.1	5/16"-18UNC	14.5	17.48	38.1	5/16"-18UNC	14.5
F5	22.23	47.63	3/8"-16UNC	18.5	17.48	38.1	5/16"-18UNC	14.5
F6	26.2	52.4	3/8"-16UNC	24	22.23	47.63	3/8"-16UNC	18.5

* UNC : Unified Coarse Thread



PF (G, BSPP)

Code	Inlet	Outlet
	A	a
G1	G 3/4"	G 1/2"
G2	G 1"	G 3/4"

PT (BSPT)

Code	Inlet	Outlet	Applicable Model
	A	a	
P1	3/4" PT	1/2" PT	3A-4 ~ 23
P2	1" PT	3/4" PT	3A-25 ~ 35

NPT

Code	Inlet	Outlet	Applicable Model
	A	a	
N1	3/4" NPT	1/2" NPT	3A-4 ~ 23
N2	1" NPT	3/4" NPT	3A-25 ~ 35



商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量：20~60cc/rev
Displacement: 20~60 cc/rev
- 最大壓力：300 kgf/cm² (4200psi)
Max.Pressure: 300 kgf/cm² (4200psi)

商品型號 Order Code

	HGP-4A	F	23	R	X1	2BA	P1
	0	1	2	3	4	5	6
0 型號 MODEL HGP-4A	☐	☐	☐	☐	☐	☐	☐
1 安裝形式 Mounting F: Flange Type	☐	☐	☐	☐	☐	☐	☐
2 排量 Displacement 20, 23, 25, 28, 32, 36, 40, 45, 50, 55, 60	☐	☐	☐	☐	☐	☐	☐
3 迴轉方向 Rotation Direction R: Clockwise L: Counter-Clockwise	☐	☐	☐	☐	☐	☐	☐
4 心軸型式 Shaft Type X: Standard Y: Spline Z: Taper	☐	☐	☐	☐	☐	☐	☐
5 法蘭形式 Flange Type 2BA: SAE 2-bolt(type A) 2BB: SAE 2-bolt(type B)	☐	☐	☐	☐	☐	☐	☐
6 *入/出油口 Inlet and Outlet F: Flange type(F1~F2) G: PF, G, BSPP(G1~G2) P: PT(P1~P2) N: NPT(N1~N2)	☐	☐	☐	☐	☐	☐	☐

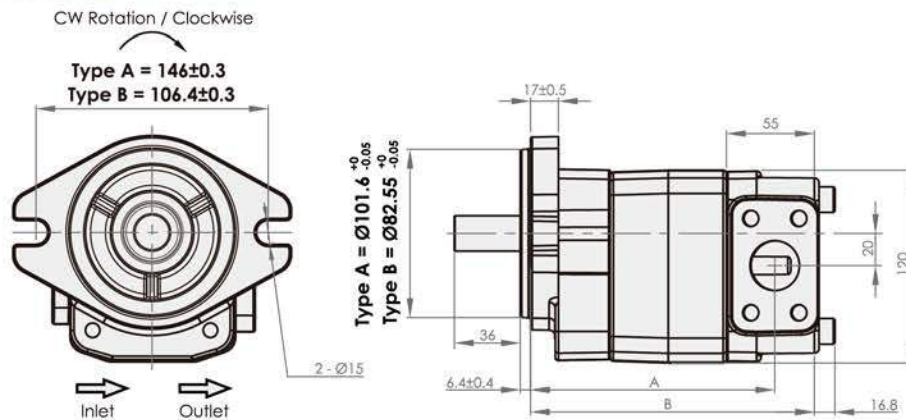
*心軸的尺寸以及入油口和出油口的尺寸請參閱第20頁。
* The dimension of shafts and inlet & outlet sizes please refer to Page 20.

規格說明 Specification

型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm ²)		迴轉 Speed (rpm)	
		工作 Work	最高 Max.	已加載 Loaded	已卸載 Unloaded
HGP-4A-※20※	20	250	300	600	3000
HGP-4A-※23※	22.5				
HGP-4A-※25※	25				
HGP-4A-※28※	28				
HGP-4A-※32※	31.5	210	250	600	2600
HGP-4A-※36※	35.5				
HGP-4A-※40※	40				
HGP-4A-※45※	45	175	210	600	2500
HGP-4A-※50※	50				
HGP-4A-※55※	55				
HGP-4A-※60※	60	140	175	600	2000

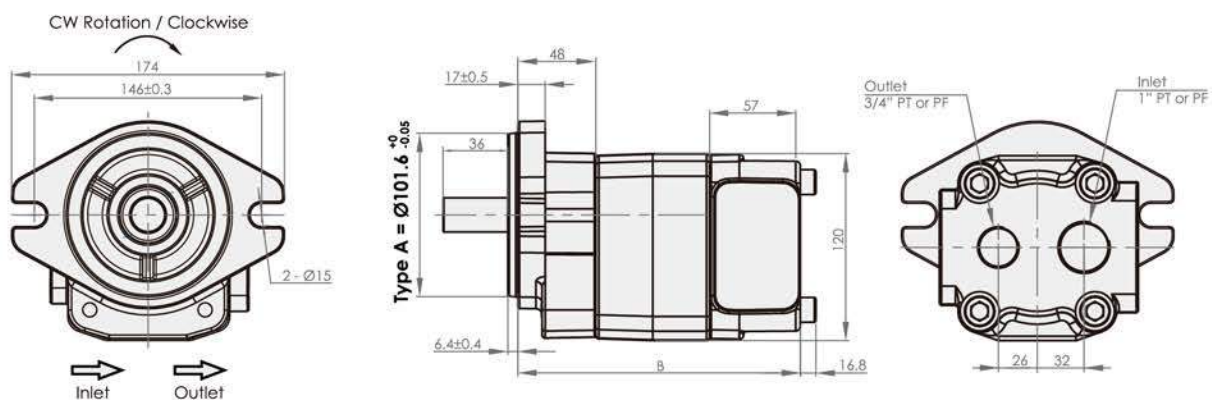
尺寸圖 Dimension (unit : mm)

HGP-4A-2B

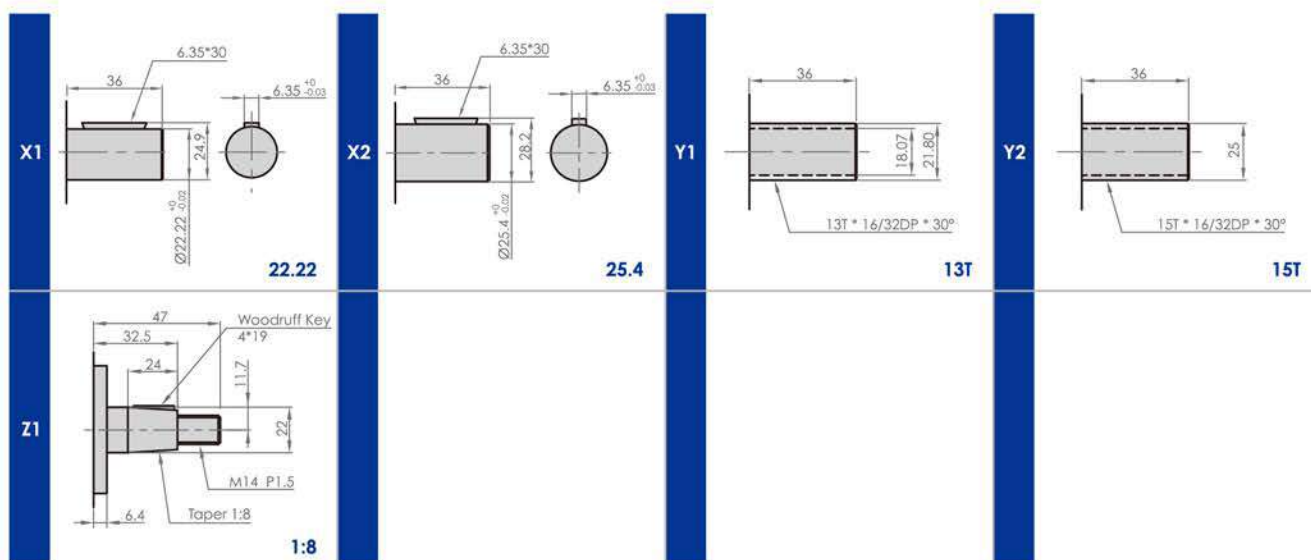


Model	A	B
HGP-4A-20	108.4	135.9
HGP-4A-23	110.9	138
HGP-4A-25	113.3	140.8
HGP-4A-28	116.3	143.8
HGP-4A-32	119.8	147.2
HGP-4A-36	123.7	151.2
HGP-4A-40	128.2	155.6
HGP-4A-45	133.1	160.6
HGP-4A-50	138	165.5
HGP-4A-55	143.4	170.9
HGP-4A-60	148.4	175.9

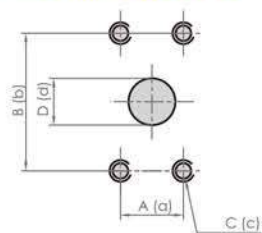
HGP-4A (rear ports, customized)



軸心尺寸 Dimension of Shaft (unit : mm)

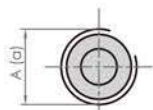


Inlet and Outlet Size



Flange Type

Code	Inlet				Outlet			
	A	B	C	D	a	b	c	d
F1	26.2	52.4	M10	25	22.2	47.6	M10	18.5
F2	30.2	58.7	M10	30	26.2	52.4	M10	25



PF (G, BSPP)

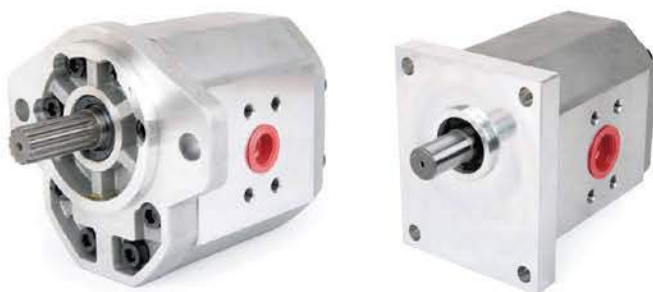
Code	Inlet	Outlet
	A	a
G1	G 1"	G 3/4"
G2	G 1 1/4"	G 1"

PT (BSPT)

Code	Inlet	Outlet	Applicable Model
	A	a	
P1	1" PT	3/4" PT	4A-20 ~ 36
P2	1 1/4" PT	1" PT	4A-40 ~ 70

NPT

Code	Inlet	Outlet	Applicable Model
	A	a	
N1	1" PT	3/4" PT	4A-20 ~ 36
N2	1 1/4" PT	1" PT	4A-40 ~ 70



商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量: 22~90cc/rev
Displacement: 22~90 cc/rev
- 最大壓力: 300 kgf/cm² (4200psi)
Max.Pressure: 300 kgf/cm² (4200psi)

商品型號 Order Code

	HGP-5A	F	26	R	X1	2B	F6
	0	1	2	3	4	5	6
0 型號 MODEL HGP-5A	☐	☐	☐	☐	☐	☐	☐
1 安裝形式 Mounting F: Flange Type L: Counter - clockwise	☐	☐	☐	☐	☐	☐	☐
2 排量 Displacement 22, 26, 33, 44, 55, 63, 75, 80, 90	☐	☐	☐	☐	☐	☐	☐
3 迴轉方向 Rotation Direction R: Clockwise L: Counter-Clockwise *M: Hydraulic Motors	☐	☐	☐	☐	☐	☐	☐
4 心軸型式 Shaft Type X: Standard Y: Spline Z: Taper	☐	☐	☐	☐	☐	☐	☐
5 法蘭形式 Flange Type 2B: SAE 2-bolt 4BD: DIN 4-bolt	☐	☐	☐	☐	☐	☐	☐
6 *入/出口 Inlet and Outlet F: Flange type(F1~F6) G: PF, G, BSPP(G1) P: PT(P1) N: NPT(N1) U: UNF(U1~U2)	☐	☐	☐	☐	☐	☐	☐

*請聯繫當地經銷商，以獲得液壓馬達的規格。
*心軸的尺寸以及入油口和出油口的尺寸請參閱第24頁。

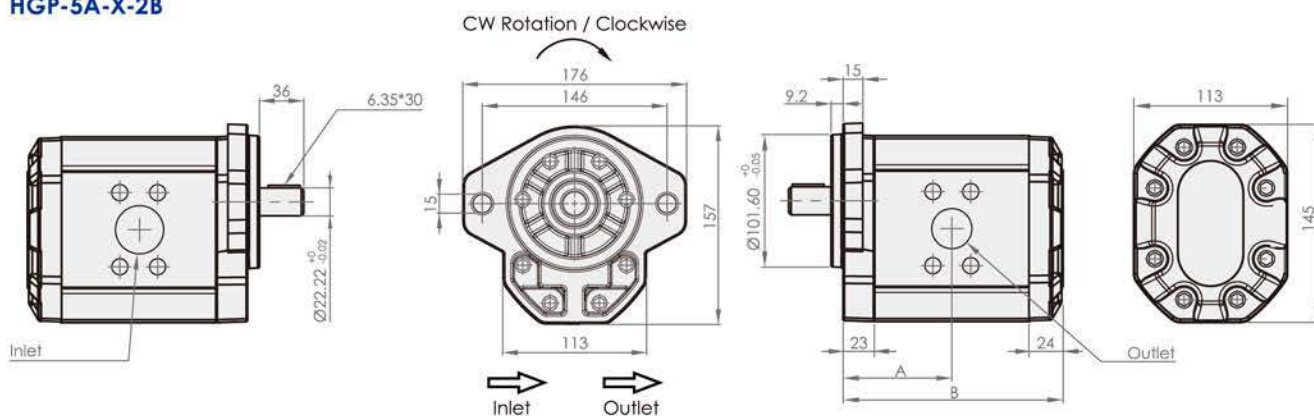
*please contact the local distributors to obtain the specifications of hydraulic motors.
* The dimension of shafts and inlet & outlet sizes please refer to Page 24.

規格說明 Specification

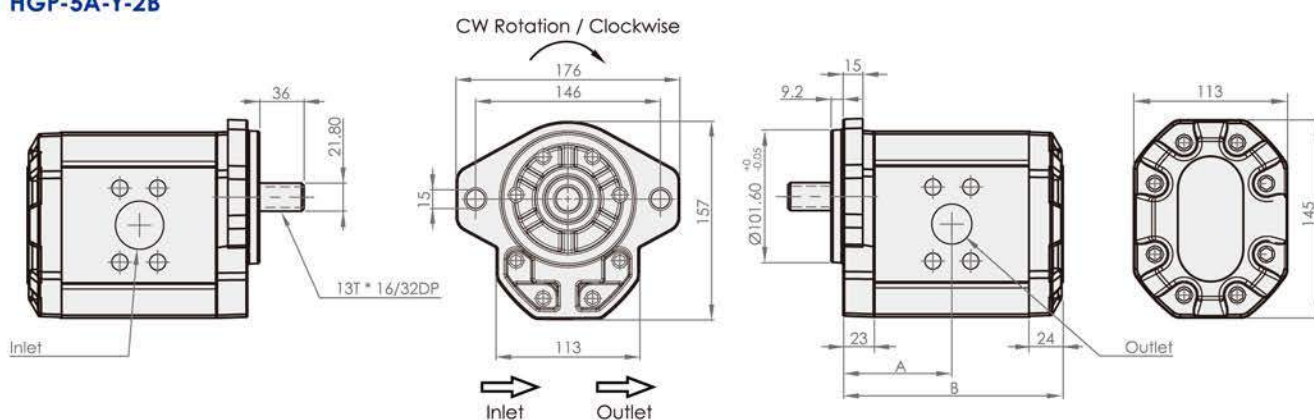
型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm ²)		迴轉 Speed (rpm)	
		工作 Work	最高 Max.	已加載 Loaded	已卸載 Unloaded
HGP-5A- ※ 22 ※	22	250	300	3000	700
HGP-5A- ※ 26 ※	26				
HGP-5A- ※ 33 ※	33				
HGP-5A- ※ 44 ※	44	210	250		600
HGP-5A- ※ 50 ※	50				
HGP-5A- ※ 55 ※	55				
HGP-5A- ※ 63 ※	63	190	240		
HGP-5A- ※ 70 ※	70				
HGP-5A- ※ 75 ※	75				
HGP-5A- ※ 80 ※	80	180	210		
HGP-5A- ※ 90 ※	90	160	190	2500	

尺寸圖 Dimension (unit : mm)

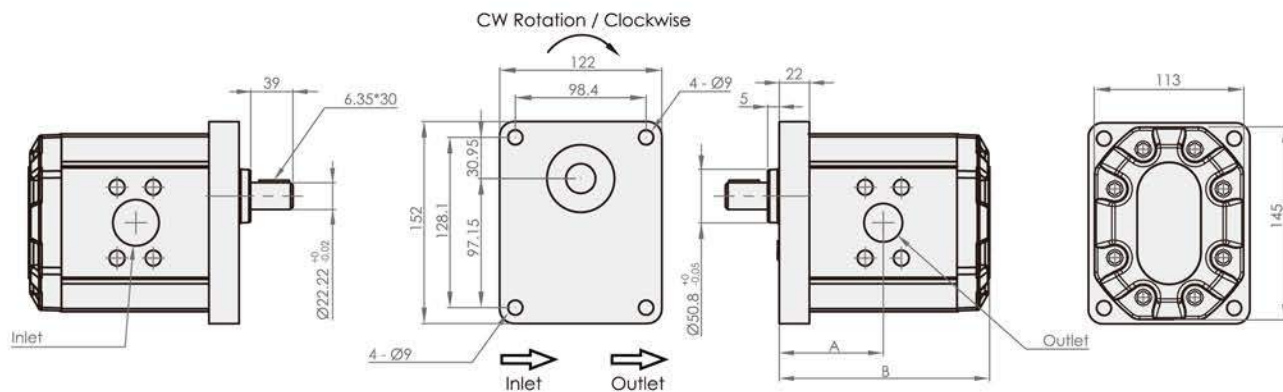
HGP-5A-X-2B



HGP-5A-Y-2B



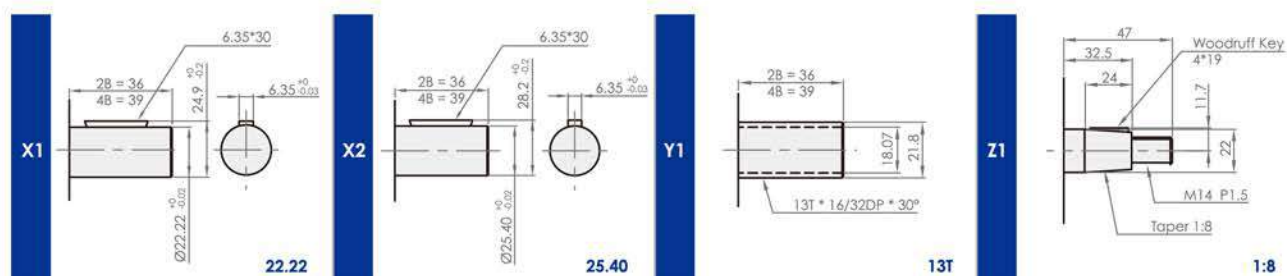
HGP-5A-X-4BD



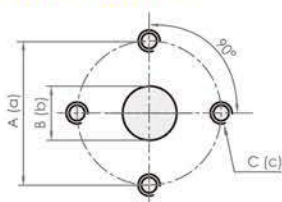
Model	A	B
HGP-5A-2B-22	56.5	117
HGP-5A-2B-26	58.5	121
HGP-5A-2B-33	61	126
HGP-5A-2B-44	65	134
HGP-5A-2B-55	69	142
HGP-5A-2B-63	71	146
HGP-5A-2B-75	76	156
HGP-5A-2B-80	78	160
HGP-5A-2B-90	81.5	167

Model	A	B
HGP-5A-4BD-22	55.5	116
HGP-5A-4BD-26	57.5	120
HGP-5A-4BD-33	60	125
HGP-5A-4BD-44	64	133
HGP-5A-4BD-55	68	141
HGP-5A-4BD-63	70	145
HGP-5A-4BD-75	75	155
HGP-5A-4BD-80	77	159
HGP-5A-4BD-90	80.5	166

軸心尺寸 Dimension of Shaft (unit : mm)

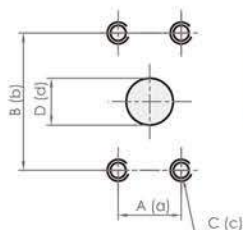


Inlet and Outlet Size



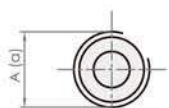
Flange Type

Code	Inlet			Outlet		
	A	B	C	a	b	c
F1	40	18.5	M8	40	18.5	M8
F2	51	25	M10	51	25	M10
F3	62	30	M10	62	30	M10



Flange Type

Code	Inlet				Outlet			
	A	B	C	D	a	b	c	d
F4	26.2	52.4	M10	25	22.2	47.6	M10	18.5
F5	30.2	58.7	M10	30	26.2	52.4	M10	25
F6	35.7	69.8	M10	39	30.2	58.7	M10	30



PF (G, BSPP)

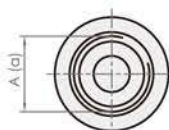
Code	Inlet	Outlet
	A	a
G1	G 1"	G 3/4"

PT (BSPT)

Code	Inlet	Outlet	Applicable Model
	A	a	
P1	1" PT	3/4" PT	5A-22 ~ 33

NPT

Code	Inlet	Outlet	Applicable Model
	A	a	
N1	1" NPT	3/4" NPT	5A-22 ~ 33



UNF

Code	Inlet	Outlet
	A	a
U1	1 5/16"-12UNF	1 1/16"-12UNF
U2	1 5/8"-12UNF	1 5/16"-12UNF



商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量: 2~12cc/rev
Displacement: 2~12 cc/rev
- 最大壓力: 250 kgf/cm² (3500psi)
Max.Pressure: 250 kgf/cm² (3500psi)

商品型號 Order Code

HGP-22A	F	9	6	R	X1	4BJ	P2
0	1	2	2	3	4	5	6

0	型號 MODEL HGP-22A,HGP-222A
1	安裝方式 Mounting F:Flange Type L:Foot Type
2	排量 Displacement 2, 3, 4, 5, 6, 8, 9, 11, 12
3	迴轉方向 Rotation Direction R:Clockwise L:Counter-Clockwise
4	心軸型式 Shaft Type X:Standard Y:Spline Z:Taper W:Tang
5	法蘭形式 Flange Type 4BJ:JIS 4-bolt
6	*入/出油口 Inlet and Outlet F: Flange type(F1) G: PF, G, BSPP(G1~G2) P: PT(P1~P2) N: NPT(N1~N2)

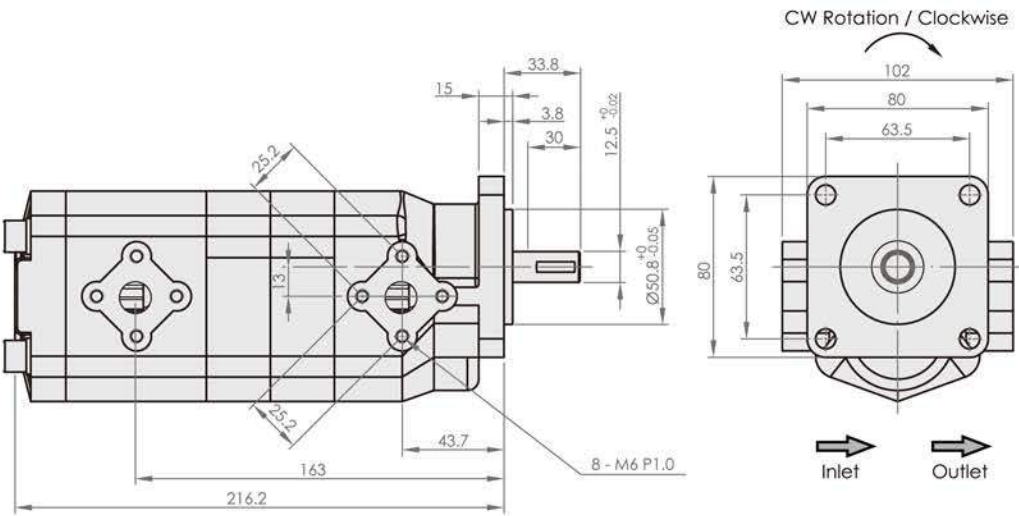
*請聯繫當地經銷商，以獲得液壓馬達的規格。
*心軸的尺寸以及入油口和出油口的尺寸請參閱第13頁。
*please contact the local distributors to obtain the specifications of hydraulic motors.
* The dimension of shafts and inlet & outlet sizes please refer to Page 13.

規格說明 Specification

型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm²)		迴轉 Speed (rpm) Rate:1800	
		工作 Work	最高 Max.	最低 Min	最高 Max
HGP-22A- ※ 22 ※	2+2	210	250	700	4000
HGP-22A- ※ 33 ※	3+3				
HGP-22A- ※ 44 ※	4+4				
HGP-22A- ※ 55 ※	5+5				
HGP-22A- ※ 66 ※	6+6			3500	
HGP-22A- ※ 88 ※	8+8			600	3000
HGP-22A- ※ 99 ※	9+9			550	2500
HGP-22A- ※ 1111 ※	11+11	175	210	500	2000
HGP-22A- ※ 1212 ※	12+12				

尺寸圖 Dimension (unit : mm)

HGP-22A-X-4BJ

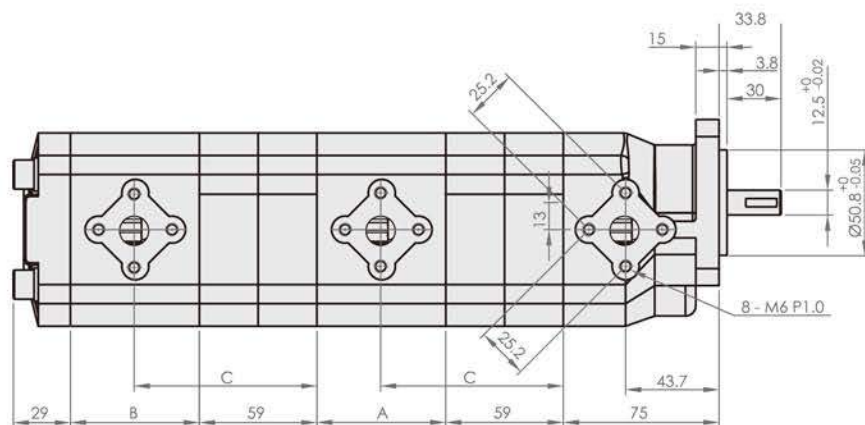


Model	A, B	C
HGP-22A-2	42.5	80.25
HGP-22A-3	45	81.5
HGP-22A-4	47	82.5
HGP-22A-5	49	83.5
HGP-22A-6	52	85
HGP-22A-8	54	86
HGP-22A-9	57	87.5
HGP-22A-11	57	87.5
HGP-22A-12	57	87.5



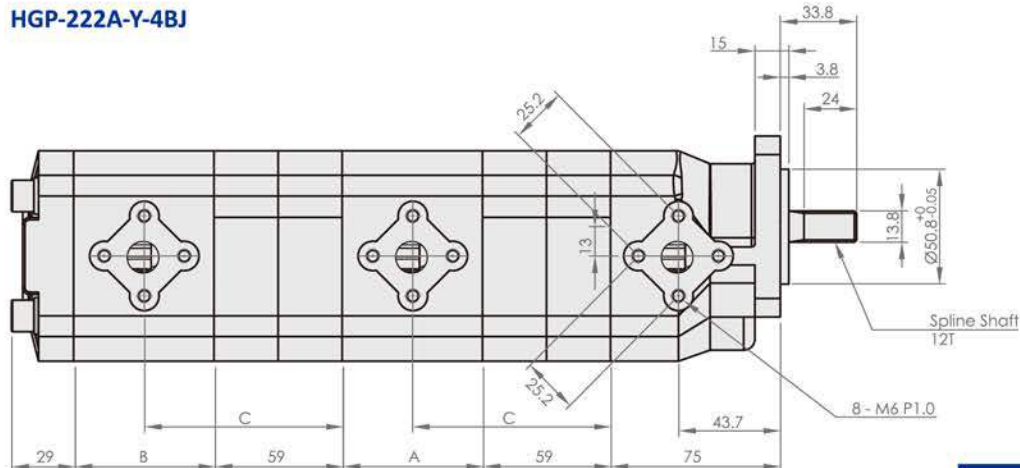
尺寸圖 Dimension (unit : mm)

HGP-222A-X-4BJ



Model	A, B	C
HGP-222A-2	42.5	80.25
HGP-222A-3	45	81.5
HGP-222A-4	47	82.5
HGP-222A-5	49	83.5
HGP-222A-6	52	85
HGP-222A-8	54	86
HGP-222A-9	57	87.5
HGP-222A-11	57	87.5
HGP-222A-12	57	87.5

HGP-222A-Y-4BJ



Model	A, B	C
HGP-222A-2	42.5	80.25
HGP-222A-3	45	81.5
HGP-222A-4	47	82.5
HGP-222A-5	49	83.5
HGP-222A-6	52	85
HGP-222A-8	54	86
HGP-222A-9	57	87.5
HGP-222A-11	57	87.5
HGP-222A-12	57	87.5



商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
可多聯組合，達到多具油缸同步控制之目的。
- It is available to assemble pump tandem.
排量: 2~35cc/rev
Displacement: 2~35 cc/rev
最大壓力: 250 kgf/cm² (3500psi)
Max. Pressure: 250 kgf/cm² (3500psi)

商品型號 Order Code

	HGP-33A	F	30	11	R	X1	2B	P2
	0	1	2	3	4	5	6	7
0 型號 MODEL	HGP-33A, HGP-333A, HGP-3333A							
1 安裝方式 Mounting	F: Flange Type L: Foot Type							
2 排量 Displacement (1st)	4, 6, 8, 11, 13, 14, 17, 19, 23, 25, 28, 30, 33, 35							
3 *排量 Displacement (2nd)	2, 3, 4, 6, 8, 11, 13, 14, 17, 19, 23, 25, 28, 30, 33, 35							
4 迴轉方向 Rotation	R: Clockwise L: Counter-Clockwise							
5 心軸型式 Shaft Type	X: Standard Y: Spline Z: Taper							
5 法蘭形式 Flange Type	2B: SAE 2-bolt 4BD: DIN 4-bolt 4BE: European 4-bolt							
6 *入/出口 Inlet and Outlet	F: Flange type (F1~F6) G: PF, G, BSPP (G1~G2) P: PT (P1~P2) N: NPT (N1~N2) U: UNF (U1~U2)							

*2、3 cc/rev 只能做為後泵使用。
*心軸的尺寸以及入油口和出口口的尺寸請參閱第17頁。
*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 17.



規格說明 Specification

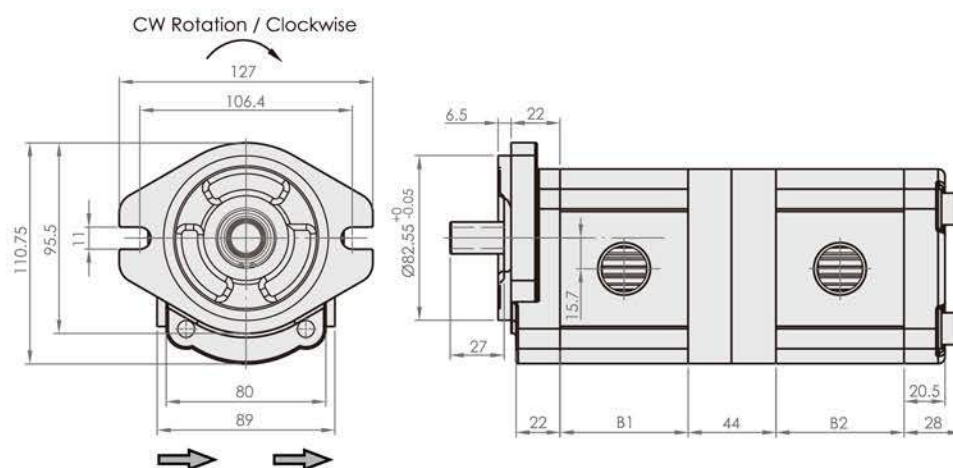
型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm ²)		迴轉 Speed (rpm)	
		工作 Work	最高 Max.	最低 Min	最高 Max
* HGP-33A- ※ 22 ※	2+2	210	250	700	4000
* HGP-33A- ※ 33 ※	3+3				
HGP-33A- ※ 44 ※	4+4				
HGP-33A- ※ 66 ※	6+6				
HGP-33A- ※ 88 ※	8+8			600	3500
HGP-33A- ※ 1111 ※	11+11				3000
HGP-33A- ※ 1313 ※	13+13				
HGP-33A- ※ 1414 ※	14.3+14.3				
HGP-33A- ※ 1717 ※	16.5+16.5				
HGP-33A- ※ 1919 ※	19.2+19.2				
HGP-33A- ※ 2323 ※	23+23	175	210	500	2800
HGP-33A- ※ 2525 ※	25+25				2500
HGP-33A- ※ 2828 ※	28+28				
HGP-33A- ※ 3030 ※	30+30				
HGP-33A- ※ 3333 ※	33+33	140	175		
HGP-33A- ※ 3535 ※	35+35	125	140		

* 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).

尺寸圖 Dimension (unit : mm)

HGP-33A-2B

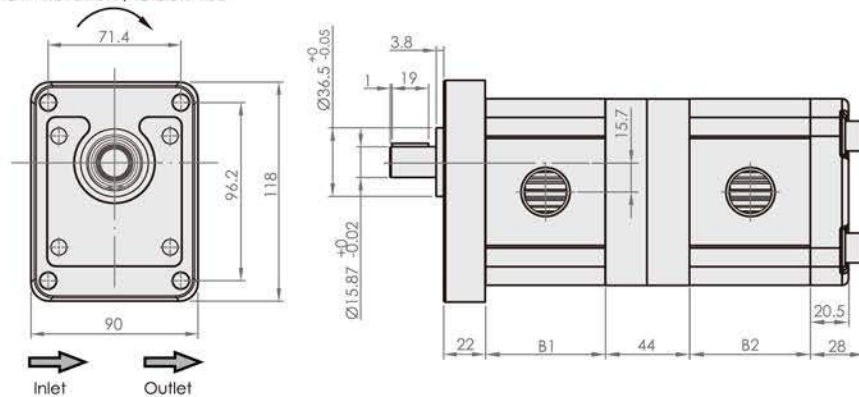


Model	B1, B2
HGP-33A-2	45.5
HGP-33A-3	47
HGP-33A-4	49
HGP-33A-6	52
HGP-33A-8	55
HGP-33A-11	60
HGP-33A-13	64
HGP-33A-14	66
HGP-33A-17	70
HGP-33A-19	74
HGP-33A-23	81
HGP-33A-25	84
HGP-33A-28	88
HGP-33A-30	92
HGP-33A-33	98
HGP-33A-35	102

尺寸圖 Dimension (unit : mm)

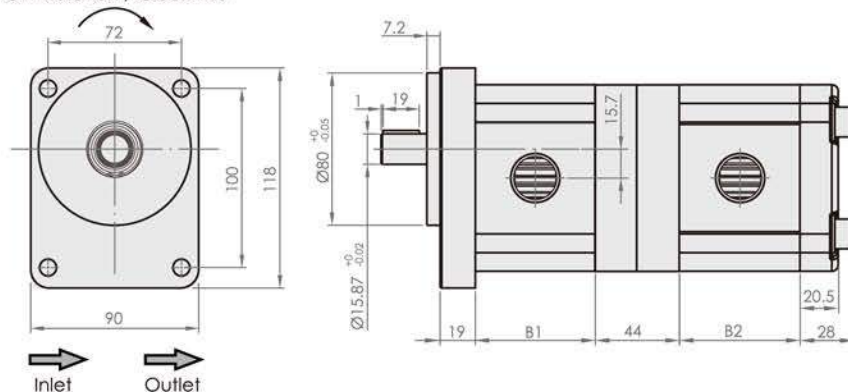
HGP-33A-4BE

CW Rotation / Clockwise

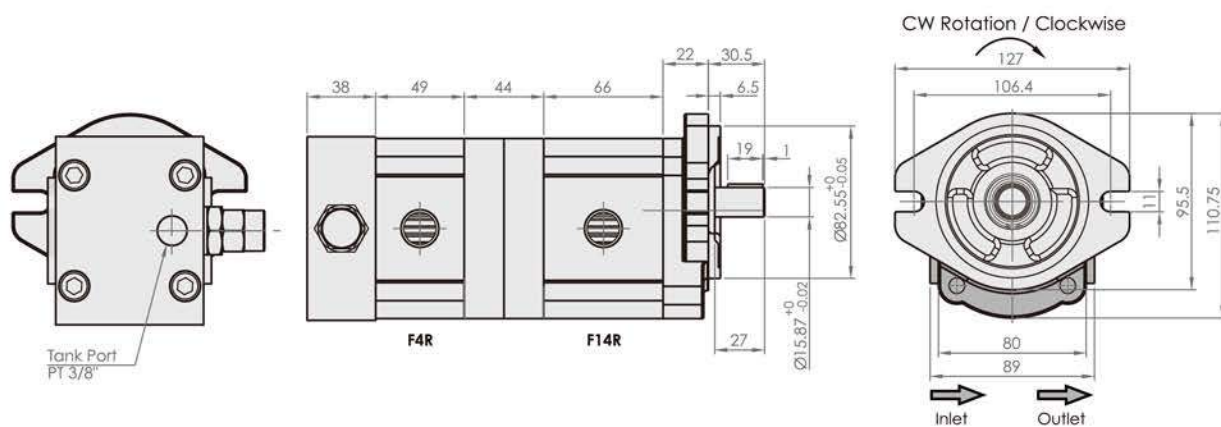


HGP-33A-4BD

CW Rotation / Clockwise



HGP-33A-F14+4R (With Relief Valve)



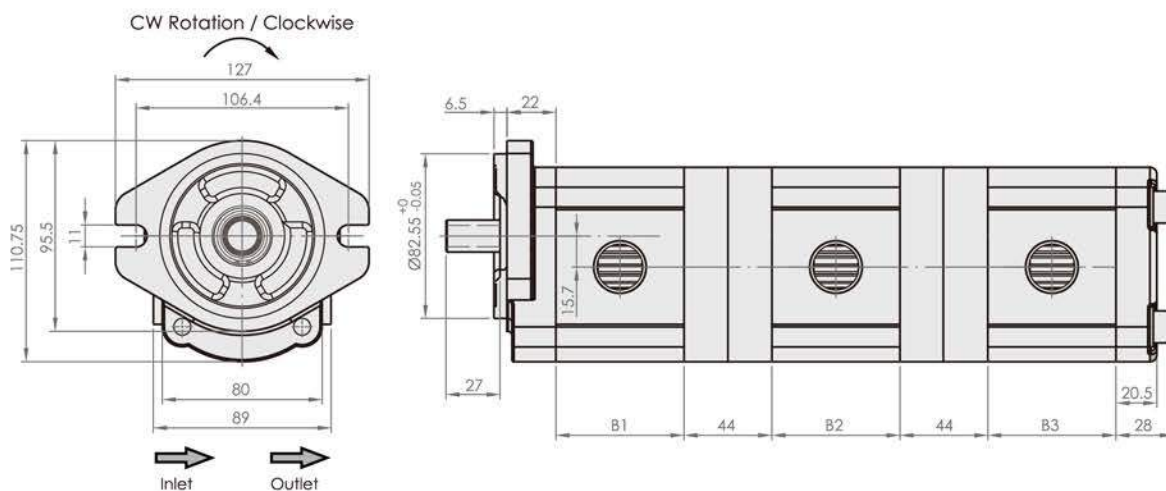
Model	B1, B2
HGP-33A-2	45.5
HGP-33A-3	47
HGP-33A-4	49
HGP-33A-6	52
HGP-33A-8	55
HGP-33A-11	60
HGP-33A-13	64
HGP-33A-14	66
HGP-33A-17	70
HGP-33A-19	74
HGP-33A-23	81
HGP-33A-25	84
HGP-33A-28	88
HGP-33A-30	92
HGP-33A-33	98
HGP-33A-35	102

齒輪泵

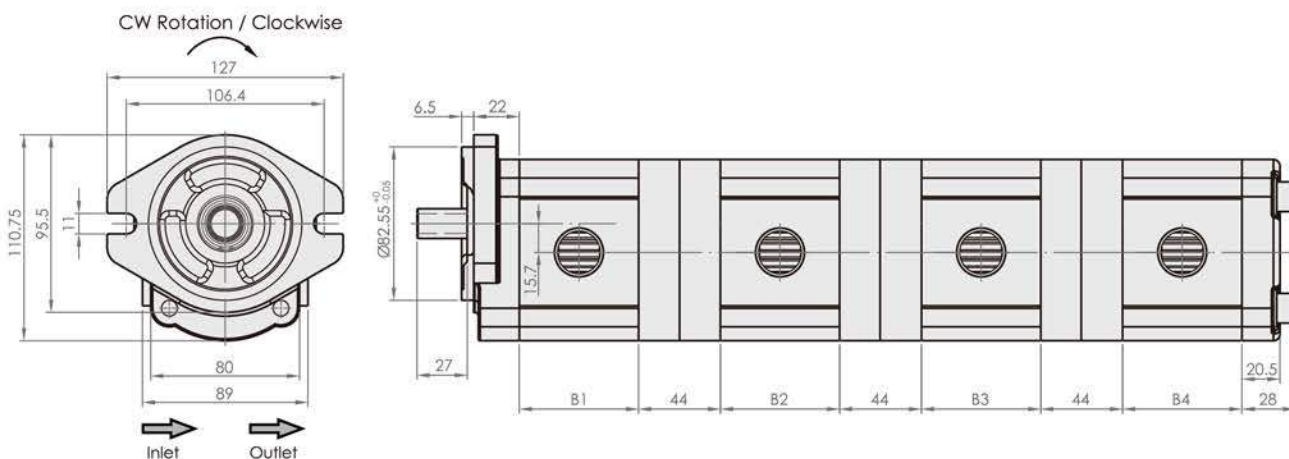


尺寸圖 Dimension (unit : mm)

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



PR1



PR1+V2064

商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量: 2~12cc/rev
Displacement: 2~12 cc/rev
- 最大壓力: 250 kgf/cm² (3500psi)
Max. Pressure: 250 kgf/cm² (3500psi)

商品型號 Order Code

	PR1	020	R	X1	4BJ	P1	S2
	0	1	2	3	4	5	6
0 型號 MODEL							
PR1							
1 排量 Displacement							
020, 030, 040, 060, 075, 090, 105, 120							
2 迴轉方向 Rotation Direction							
R: Clockwise L: Counter-Clockwise							
3 心軸型式 Shaft Type							
X: Standard Y: Spline Z: Taper W: Tang							
4 法蘭形式 Flange Type							
4BJ: JIS 4-bolt							
5 *入/出油口 Inlet and Outlet							
F: Flange type(F1) G: PF, G, BSPP(G1~G2) P: PT(P1~P2) N: NPT(N1~N2)							
6 壓力調整範圍 Pressure Adj. Range							
S1: 5~70 kgf/cm ² S2: 40~250 kgf/cm ²							

*心軸的尺寸以及入油口和出油口的尺寸請參閱第13頁。
* The dimension of shafts and inlet & outlet sizes please refer to Page 13.

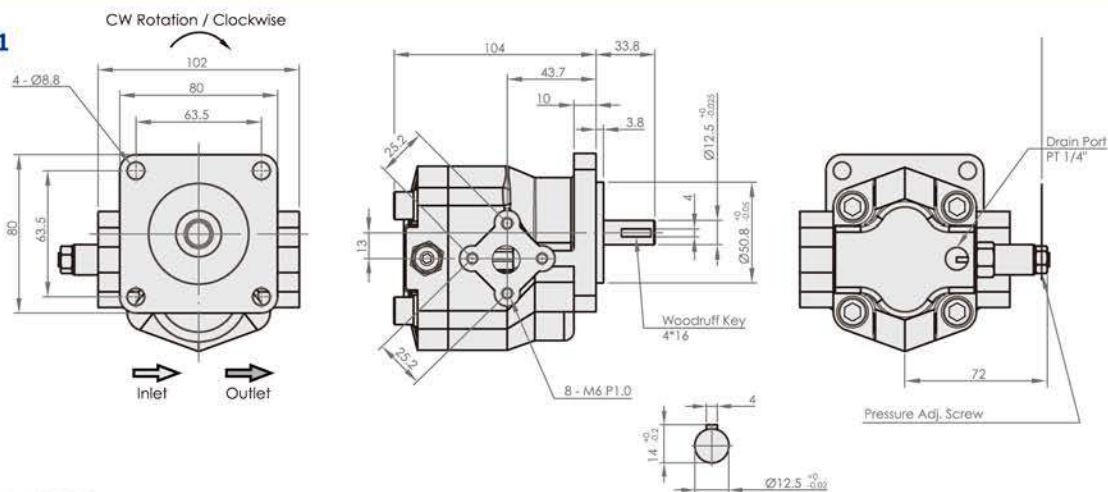


規格說明 Specification

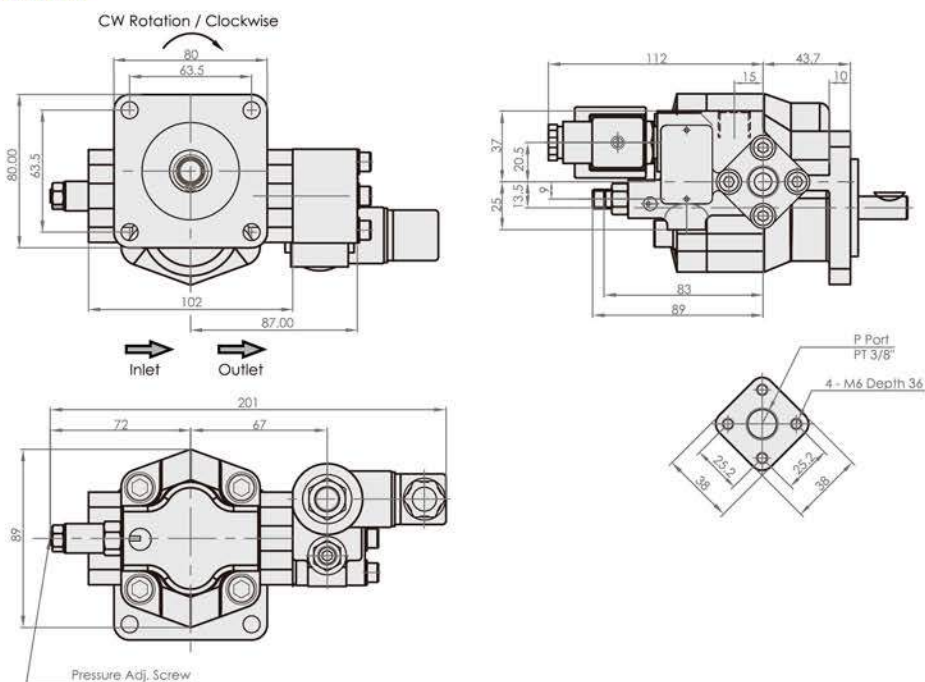
型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm ²)		迴轉 Speed (rpm) Rate:1800	
		工作 Work	最高 Max.	最低 Min	最高 Max
PR1 - 020	2	210	250	900	5000
PR1 - 030	3			850	
PR1 - 040	4			800	4500
PR1 - 060	6			700	
PR1 - 075	7.5			600	3000
PR1 - 090	9			550	
PR1 - 105	10.5	175	210	500	2000
PR1 - 120	12				

尺寸圖 Dimension (unit : mm)

PR1



PR1+V2064





PR2



PR2+V2064

商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量: 0.8~7.8 cc/rev
Displacement: 0.8~7.8 cc/rev
- 最大壓力: 250 kgf/cm² (3500psi)
Max.Pressure: 250 kgf/cm² (3500psi)

商品型號 Order Code

	PR2	008	R	X1	4BE	P1	S2
	0	1	2	3	4	5	6
0	型號 MODEL						
	PR2						
1	排量 Displacement						
	008, 010, 020, 030, 040, 050, 060, 080						
2	迴轉方向 Rotation Direction						
	R:Clockwise L:Counter-Clockwise						
3	心軸型式 Shaft Type						
	X:Standard Y:Spline W:Tang						
4	安裝方式 Mounting						
	2B:SAE 2-bolt 4BE:European 4-bolt 4BDA:DIN 4-bolt (type A) 4BDB:DIN 4-bolt (type B)						
5	*入/出油口 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)						
6	壓力調整範圍 Pressure Adj. Range						
	S1: 5~70 kgf/cm ² S2: 40~250 kgf/cm ²						

*心軸的尺寸以及入油口和出油口的尺寸請參閱第9頁。
* The dimension of shafts and inlet & outlet sizes please refer to Page 9.

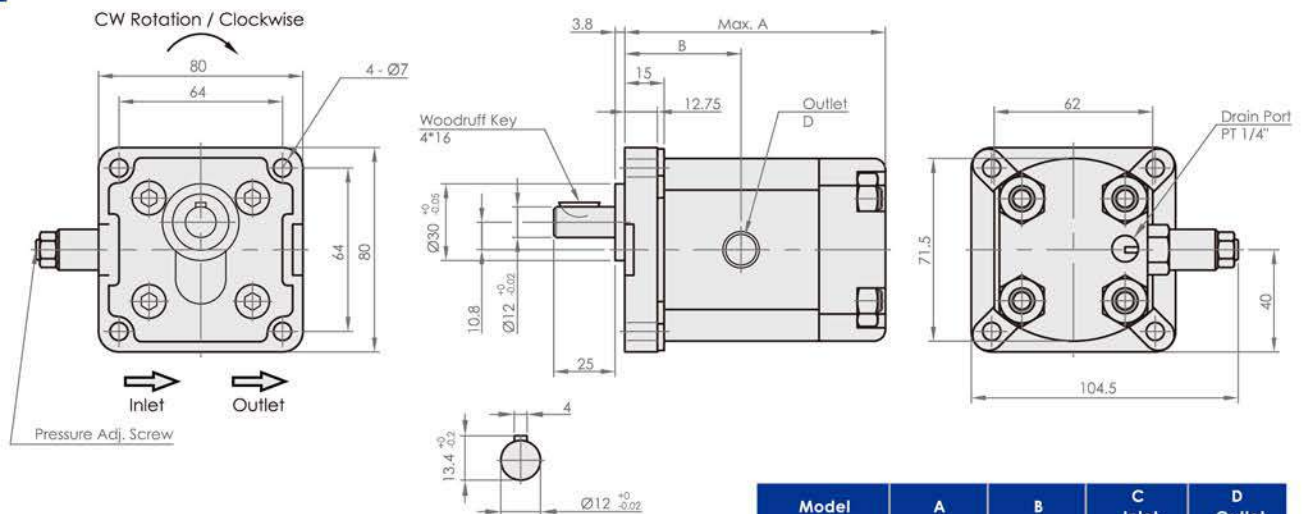


規格說明 Specification

型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm ²)		迴轉 Speed (rpm) Rate:1800	
		工作 Work	最高 Max.	最低 Min	最高 Max
PR2-008	0.8	210	250	1000	4500
PR2-010	1				
PR2-020	2				
PR2-030	3			600	4000
PR2-040	4				
PR2-050	5				
PR2-060	6	175	210		3200
PR2-080	7.8				

尺寸圖 Dimension (unit : mm)

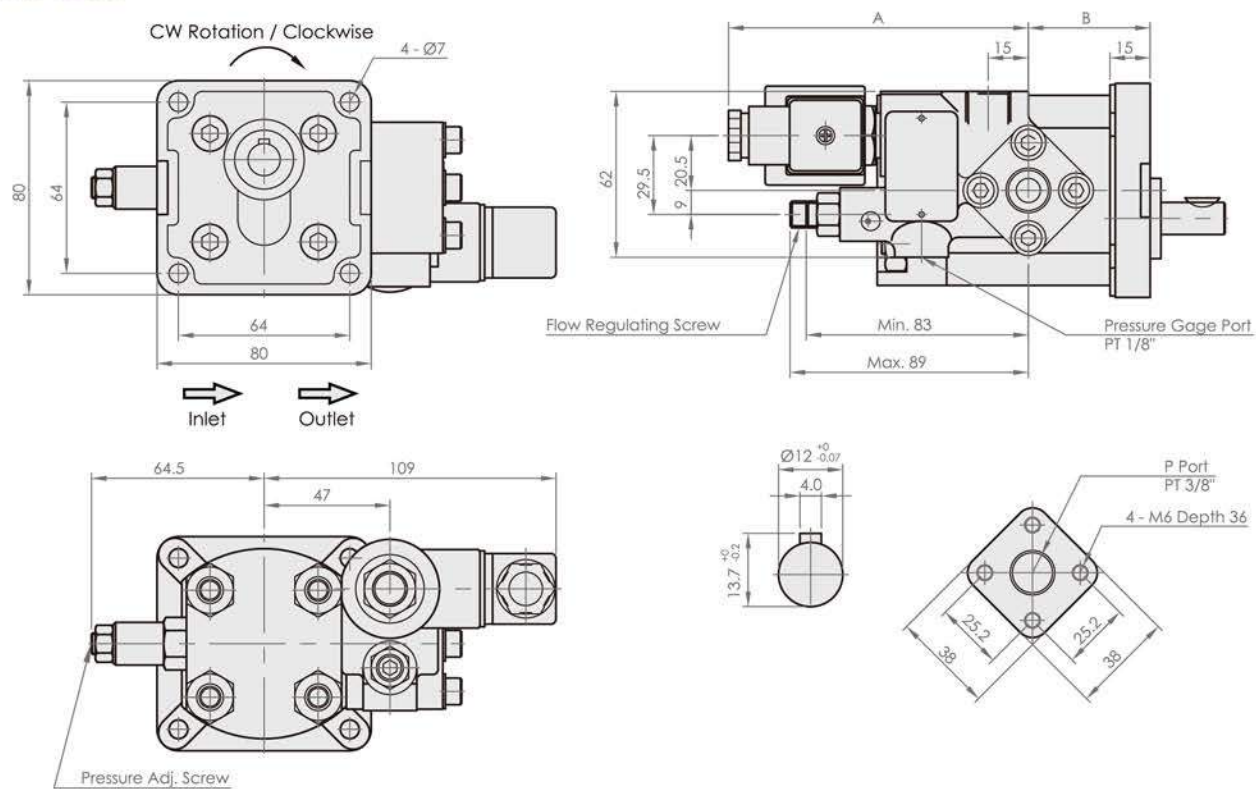
PR2



Model	A	B	C Inlet	D Outlet
PR2-008	75.5	32.5	PT 3/8"	PT 3/8"
PR2-010	77.5	33.5	PT 3/8"	PT 3/8"
PR2-020	80.1	34.8	PT 3/8"	PT 3/8"
PR2-030	85.5	37.5	PT 3/8"	PT 3/8"
PR2-040	87.5	38.5	PT 3/8"	PT 3/8"
PR2-050	91.5	40.5	PT 3/8"	PT 3/8"
PR2-060	95.5	42.5	PT 3/8"	PT 3/8"
PR2-080	101.5	45.5	PT 1/2"	PT 3/8"

尺寸圖 Dimension (unit : mm)

PR2+V2064





商品特性 Product Description

- 特殊之無油軸承設計，可在高壓下運轉。
Particular bearing design of pump could be used under high pressure rotation.
- 可正轉，反轉，正反轉。
Clockwise, counter-clockwise and reverse rotations are available.
- 可多聯組合，達到多具油缸同步控制之目的。
It is available to assemble pump tandem.
- 排量: 4~35 cc/rev
Displacement: 4~35 cc/rev
- 最大壓力: 250 kgf/cm² (3500psi)
Max.Pressure: 250 kgf/cm² (3500psi)

商品型號 Order Code

	PR3	13	R	X1	4BD	P1
	0	1	2	3	4	5
0 型號 MODEL PR3						
1 排量 Displacement 4, 6, 8, 11, 13, 14, 17, 19, 23, 25, 28, 30, 33, 35						
2 迴轉方向 Rotation Direction R:Clockwise L:Counter-Clockwise						
3 心軸型式 Shaft Type X:Standard Y:Spline W:Tang						
4 安裝方式 Mounting 2B:SAE 2-bolt 4BD:DIN 4-bolt 4BE:European 4-bolt						
5 *入/出油口 Inlet and Outlet F: Flange type(F1~F6) G: PF, G, BSPP(G1~G2) P: PT(P1~P2) N: NPT(N1~N2) U: UNF(U1~U2)						

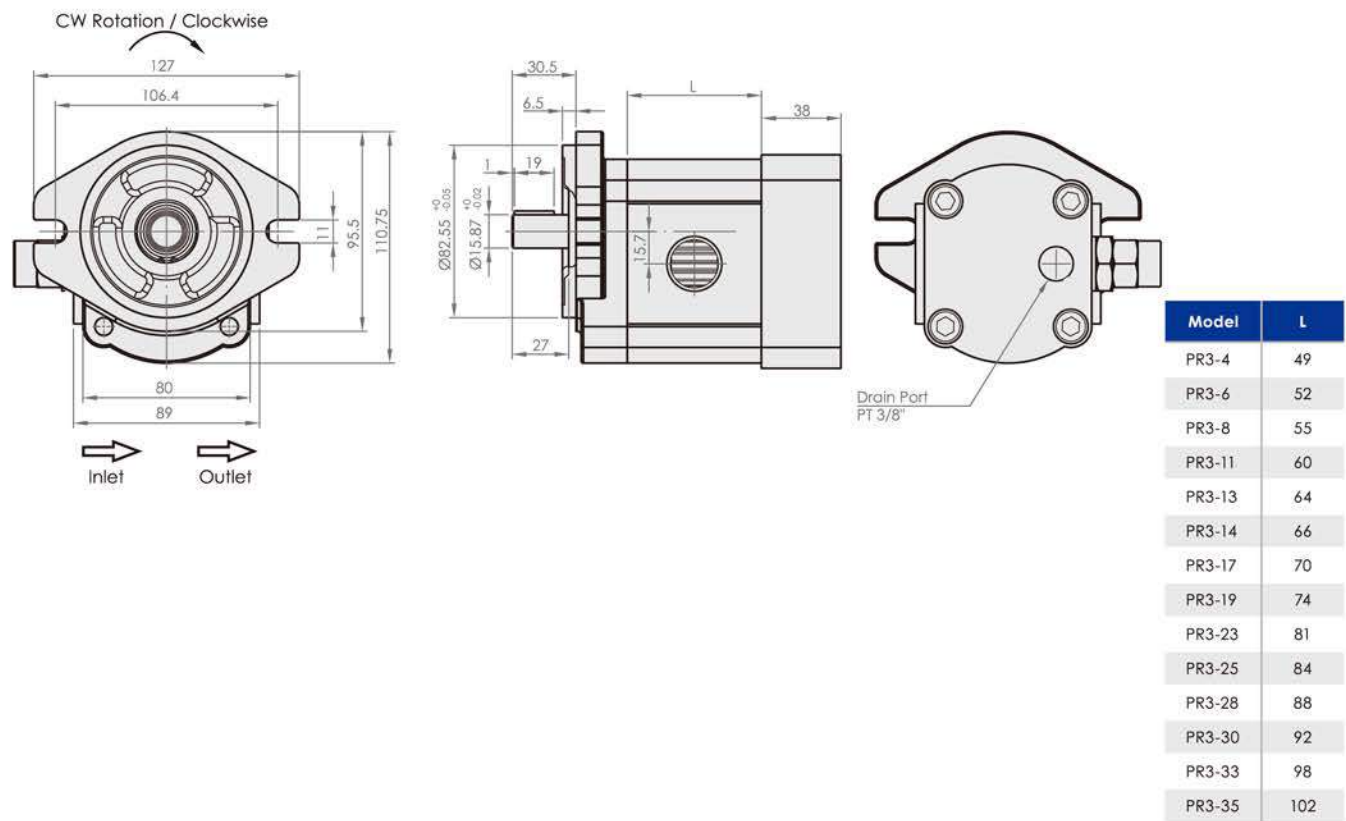
*心軸的尺寸以及入油口和出油口的尺寸請參閱第17頁。
* The dimension of shafts and inlet & outlet sizes please refer to Page 17.

規格說明 Specification

型號 Model	排量 Displacement (cc/rev)	壓力 Pressure (kgf/cm²)		迴轉 Speed (rpm) Rate:1800	
		工作 Work	最高 Max.	最低 Min	最高 Max
PR3 – 4	4	210	250	700	4000
PR3 – 6	6				3500
PR3 – 8	8.4			600	3000
PR3 – 11	11				
PR3 – 13	13			500	
PR3 – 14	14.3				
PR3 – 17	16.5				
PR3 – 19	19.2				
PR3 – 23	23	175	210	2800	
PR3 – 25	25			2500	
PR3 – 28	28				
PR3 – 30	30				
PR3 – 33	33				140
PR3 – 35	35	125	140		

*Rate:1200

尺寸圖 Dimension (unit : mm)





YEOSHE HYDRAULICS CO., LTD.

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Reliable Quality and Service*

油聖液壓科技有限公司
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