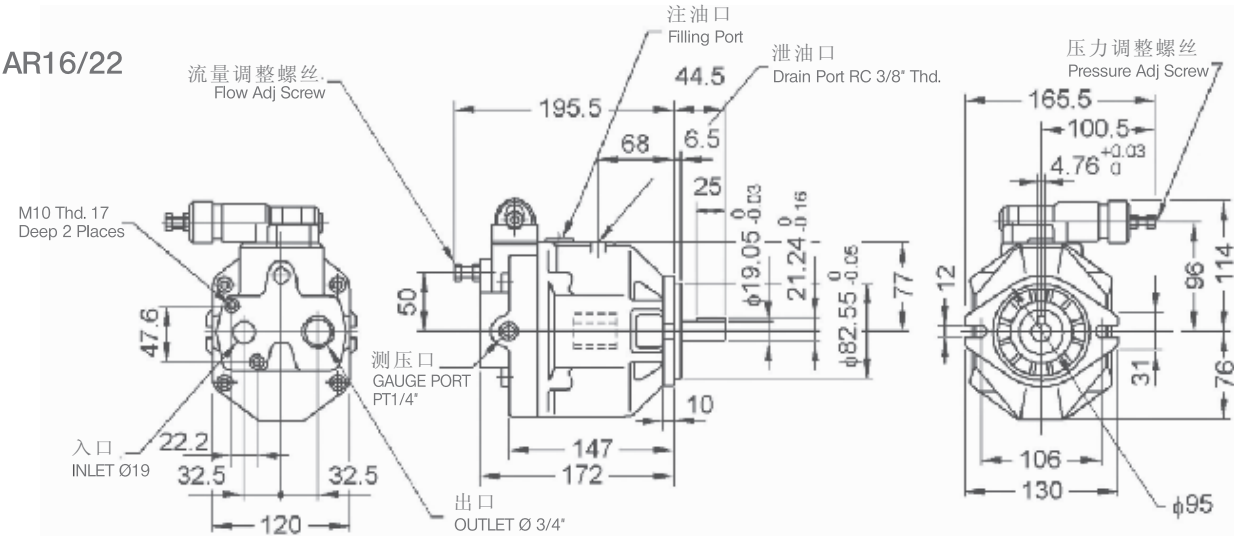


Dimensions 外型尺寸图 : (Mounting Surface: SAE "A" 2-bolt)

Unit单位: mm

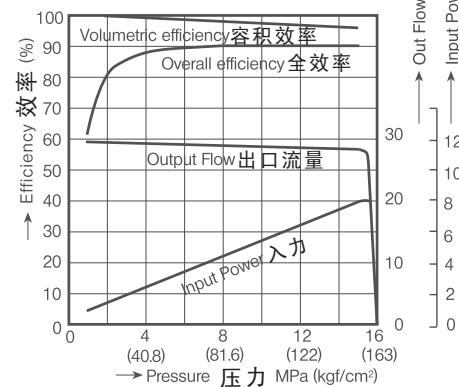
AR16/22



Typical performance characteristics 性能特性

AR16 Performance Characteristics

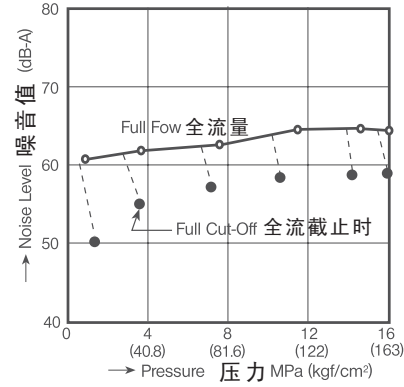
性能曲线



Noise Level

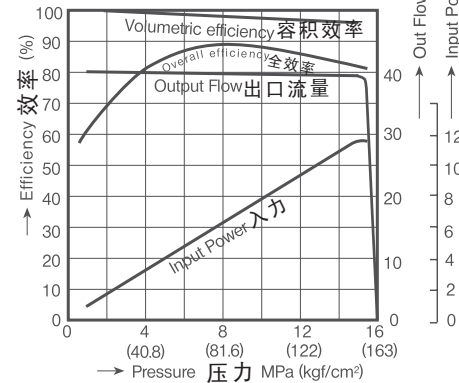
(1m horizontally away from pump head cover)

噪音值



AR22 Performance Characteristics

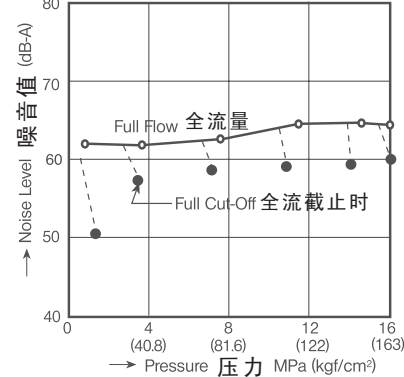
性能曲线



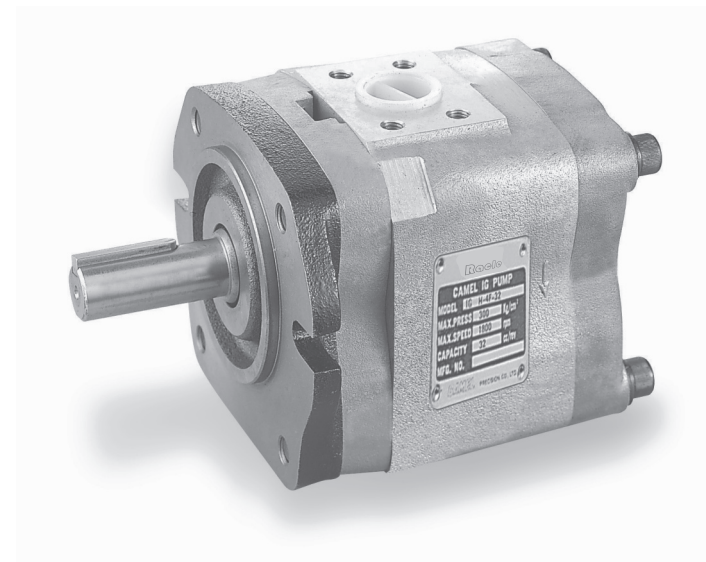
Noise Level

(1m horizontally away from pump head cover)

噪音值

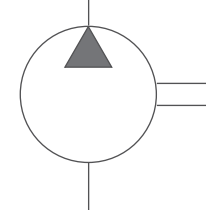


* Input speed 转速: 1,800r/min
* Oil 使用油: ISO VG32
* Oil temperature 油温: 50°C



油压记号

SYMBOL



形式号码 / Model Code

IGH - 4F - 32 - R - 20

设计番号 Design No.
回转方向 (由轴侧方向观之) Direction of Rotation (View from shaft end)
R: 顺时针方向 R: Clockwise
L: 逆时针方向 L: Counterclockwise
流量: c.c./rev Displacement
安装方式 Mounting Type
F: ISO type flange 法兰 L: ISO type foot 脚座
E: DIN type flange 法兰 S: Secondary Pump 多聊式后段泵浦
系列号码: Series No.
内齿轮泵浦系列 Internal Gear Pump Series
IGH: 高压系列 High Pressure Series
IGM: 低压系列 Medium Pressure Series

产品特性:

1. 高压, 最高300kgf/cm².
2. 极静音, 完全符合低音工作环境要求。
3. 低脉冲, 运转平顺。
4. 径向及轴向压力补偿, 效率超高。
5. 优异的吸力, 作动油粘度范围广泛。
6. 流量范围广, 从3.5c.c.到64c.c.
7. 可以多联式泵浦连接使用, 应用多重回路中。

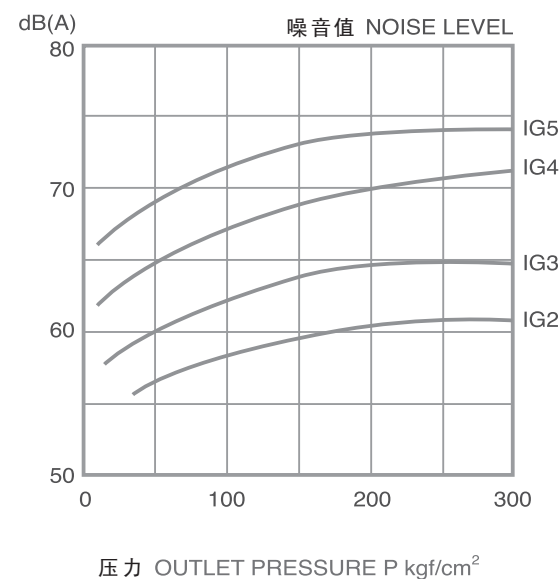
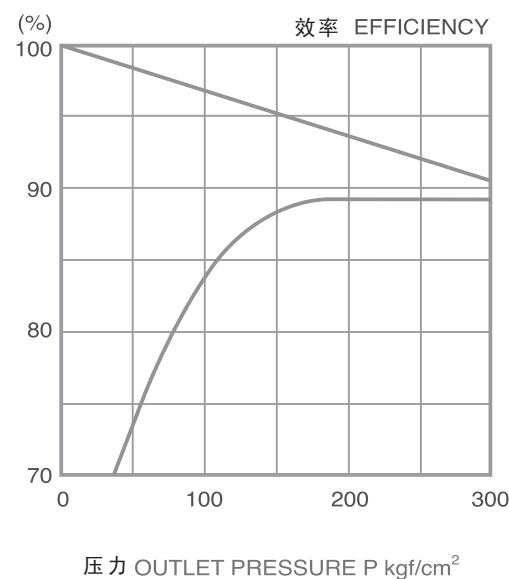
FEATURE:

1. High Pressure, max pressure 300 kgf/cm².
2. Extremely low noise.
3. Low pulsation.
4. High overall efficiency through axial & radial pressure compensation.
5. Good suction attribute and wide oil viscosity range.
6. Displacement from 3.5 to 64 c.c. and multiple stage pump being available.

技术资料 / Technical Data

形式 MODEL	理论流量 Theoretical Displacement c.c/rev.	最高压力 MAX Pressure kgf/cm ²		容许回转速 Shaft Speed		重量 WEIGHT Kg	入口 inlet port	出口 outlet port
		持续Cont	瞬间peak	Min	Max			
IGM-2	3.5	220	250	600	3000	2.4	1/2"	1/2"
	5					2.5		
IGH-2	6.5	250	300	600	3800	2.6	1/2"	1/2"
	8					2.8		
IGM-3	10	220	250	600	3000	4.8	1"	1/2"
	13					5.0		
IGH-3	16	250	300	600	3000	5.3	1"	1/2"
IGM-4	20	220	250	600	3000	9.5	1-1/4"	3/4"
	25					10.0		
IGH-4	32	250	300	600	3000	10.5	1-1/4"	3/4"
IGM-5	40	220	250	600	2500	19.5	1-1/2"	1"
	50					20.5		
IGH-5	64	250	300	600	2500	21.5		

性能曲线 / Performance Curve

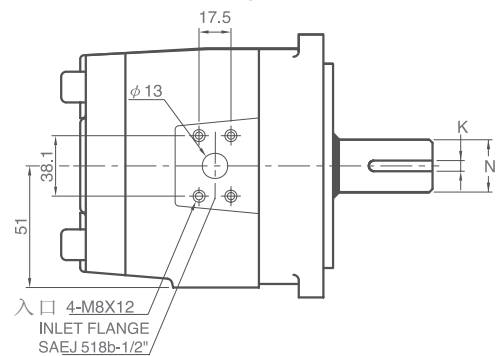


马力-流量特性 / Delivery & Power Rating

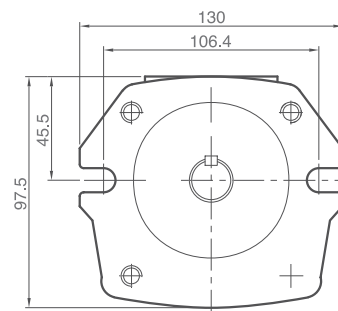
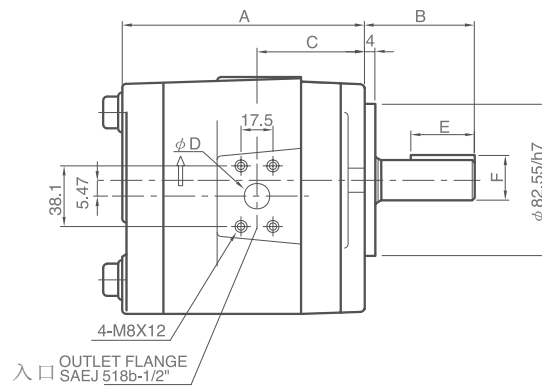
转速 SPEED	ITEMS PRESSURE MODEL	吐出量 DELIVERY l/min						输入马力 POWER INPUT kw					
		7	70	140	210	250	300	7	70	140	210	250	300
1000 rpm	IG※-2-3.5	3.59	3.48	3.39	3.28	3.24	3.16	0.13	0.61	1.10	1.60	1.89	2.26
	-5	5.32	5.09	4.95	4.79	4.70	4.61	0.14	0.77	1.44	2.22	2.58	3.13
	-6.5	6.54	6.36	6.20	6.04	5.94	5.82	0.16	0.95	1.78	2.74	3.19	3.87
	-8	8.18	7.95	7.74	7.55	7.42	7.28	0.16	1.17	2.20	3.38	3.93	4.77
	IG※-3-10	10.1	9.95	9.7	9.4	9.3	9.1	0.17	1.56	2.68	4.17	4.96	6.0
	-13	13.1	13.0	12.6	12.4	12.2	12.0	0.26	1.98	3.50	5.25	6.17	7.58
	-16	15.7	15.3	15.0	14.7	14.5	14.2	0.32	2.32	4.15	6.23	7.33	9.01
	IG※-4-20	20.6	20.1	19.7	19.2	19.0	18.7	0.42	3.07	5.45	8.08	9.61	11.5
	-25	25.6	25.1	24.6	24.1	23.8	23.5	0.48	3.72	6.76	10.1	11.9	14.3
	-32	32.6	31.5	30.9	30.3	30.0	29.6	0.54	4.62	8.50	12.6	15.0	18.0
	IG※-5-40	40.7	39.8	38.9	38.1	37.6	37.0	1.1	6.06	10.7	16.0	18.9	23.3
	-50	50.2	49.2	48.3	47.3	46.8	46.1	1.2	7.28	13.3	19.7	23.3	28.0
1500 rpm	-64	63.9	62.5	61.4	60.2	59.5	58.6	1.3	9.14	16.9	25.0	30.3	35.6
	IG※-2-3.5	5.40	5.24	5.11	4.97	4.90	4.80	0.19	0.94	1.65	2.41	2.83	3.39
	-5	7.85	7.65	7.44	7.25	7.13	6.98	0.22	1.15	2.17	3.25	3.78	4.60
	-6.5	9.1	9.58	9.35	9.13	8.99	8.84	0.23	1.44	2.68	4.01	4.67	5.67
	-8	12.2	11.8	11.60	11.35	11.2	11.0	0.25	1.75	3.30	4.95	5.76	7.00
	IG※-3-10	15.2	14.8	14.5	14.2	14.0	13.8	0.26	2.27	4.07	6.10	7.26	8.82
	-13	19.8	19.4	19.0	18.7	18.5	18.2	0.40	2.89	5.31	7.78	9.26	11.4
	-16	23.6	23.1	22.6	22.2	22.0	21.7	0.49	3.39	6.30	9.35	11.0	13.5
	IG※-4-20	30.9	30.3	29.7	29.2	28.8	28.4	0.61	4.61	8.17	12.2	14.4	17.3
	-25	38.4	37.7	37.1	36.5	36.1	35.7	0.77	5.58	10.2	15.1	17.9	21.5
	-32	48.3	47.5	46.7	45.9	45.4	44.9	1.02	6.93	12.8	18.9	22.5	27.0
	IG※-5-40	61.1	59.9	58.8	57.6	56.9	56.2	1.80	9.33	16.3	24.2	28.7	35.3
	-50	75.4	74.0	72.8	71.6	70.8	70.0	2.0	11.2	20.1	29.8	35.4	42.5
	-64	95.4	94.1	92.5	91.0	90.0	89.0	2.1	14.1	25.5	37.9	45.0	54.0

输入马力 : OIL TEMPERATURE 40°C ± 5
作动油 : OPERATING FLUID:ISO VG68

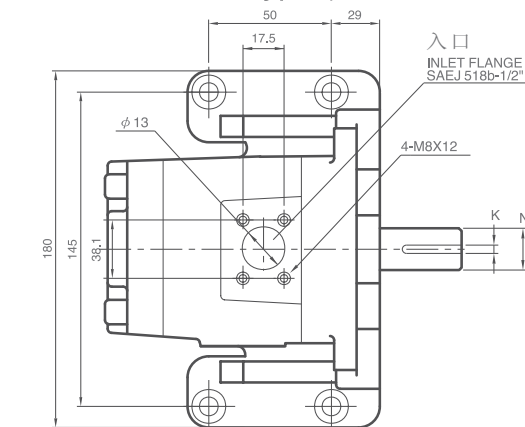
● IG※-2E(F)-※ **法兰型（顺时针方向回转）**
Flange Type (Clockwise Rotation)



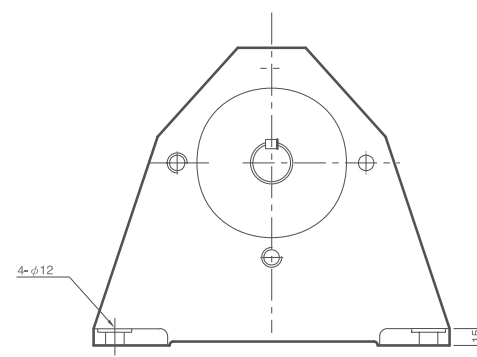
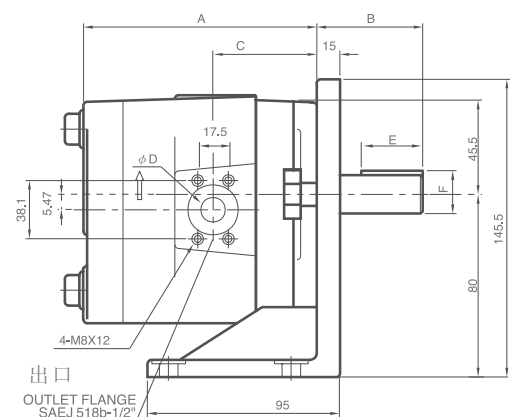
型式 Model	A	C	ØD
IG*-2*-3.5	102.5	51	Ø8.9
IG*-2*-5	107.5	53.5	Ø 11
IG*-2*-6.5	111.5	55.5	Ø 12
IG*-2*-8	116.5	58	Ø 13



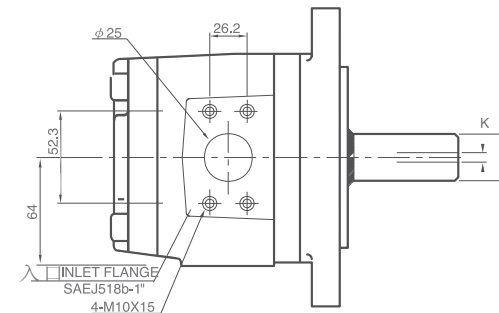
● IG※-2L-※ 脚座型（顺时针方向回转）
Foot Type (Clockwise Rotation)



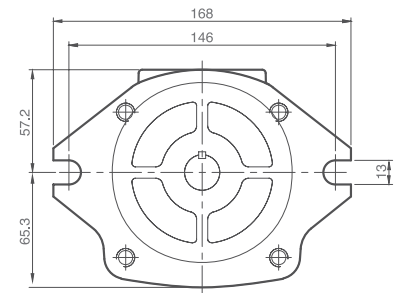
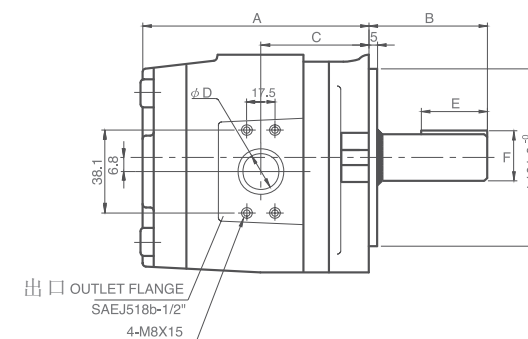
型式 Model	B	E	F	K	N
IG*-2E-*	41	30	20.5	6/h7	18/h7
IG*-2F(L)-*	59	34	17.73/h7	3.968/h7	15.875/h7



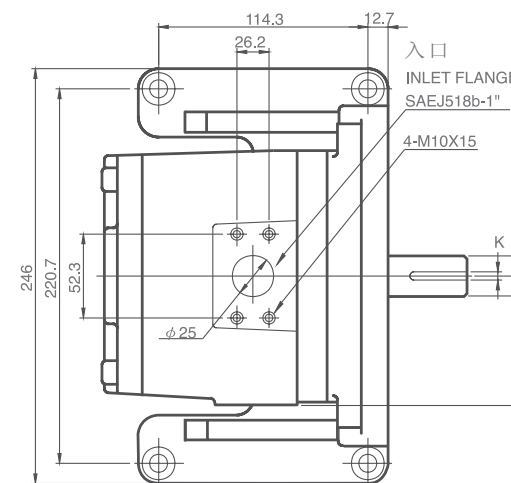
● IG※3E(F)-※ 法兰型（顺时针方向回转）
Flange Type (Clockwise Rotation)



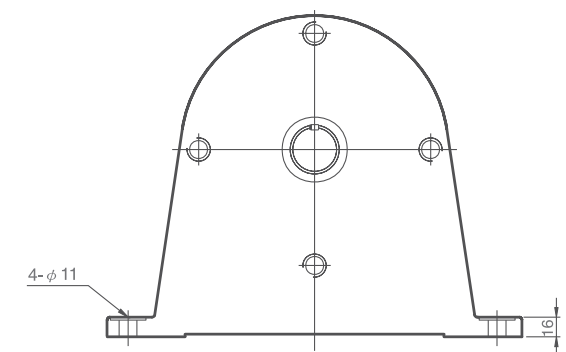
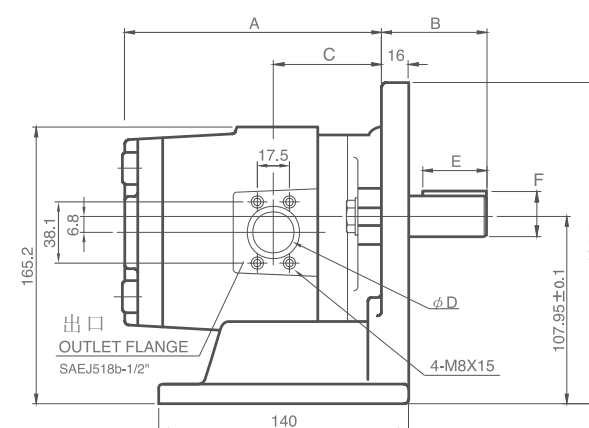
型式 Model	A	C	ØD
IG*-3*-10	126.5	60	Ø14
IG*-3*-13	132.5	63	Ø17
IG*-3*-16	137.5	63.5	Ø18



● IG※-3L-※ 脚座型（顺时针方向回转）
Foot Type (Clockwise Rotation)

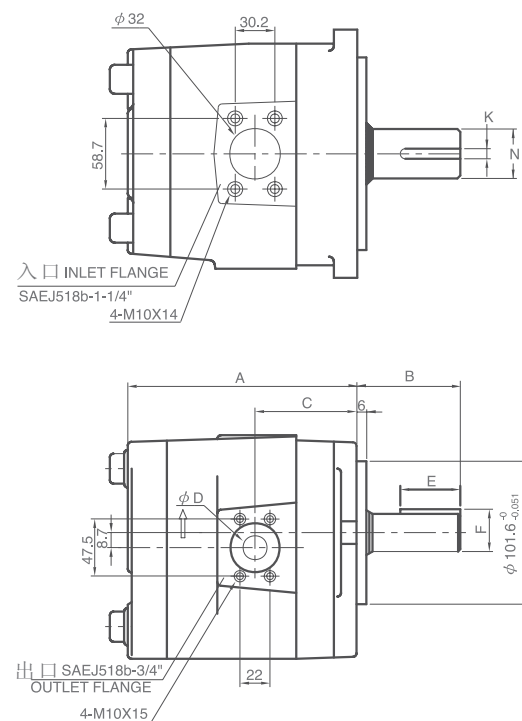


型式 Model	B	E	F	K	N
IG*-3E-*	41	30	20.5	6/h7	20/h7
IG*-3F(L)-*	65	38	21.25/h7	4.76/h7	19.05/h7

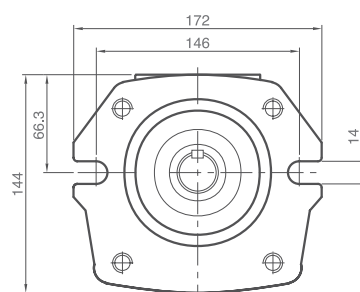


● IG※4E(F)-※ 法兰型（顺时针方向回转）

Flange Type (Clockwise Rotation)

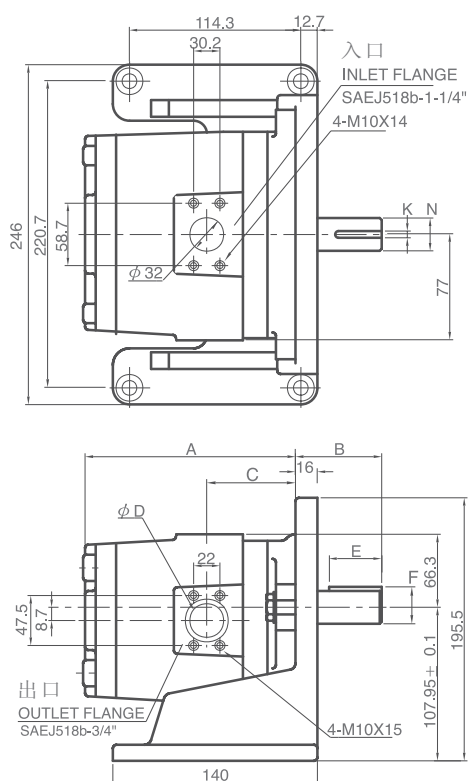


型式 Model	A	C	ØD
IG*-4*-20	150	71	Ø18
IG*-4*-25	156	74	Ø20
IG*-4*-32	164	78	Ø24

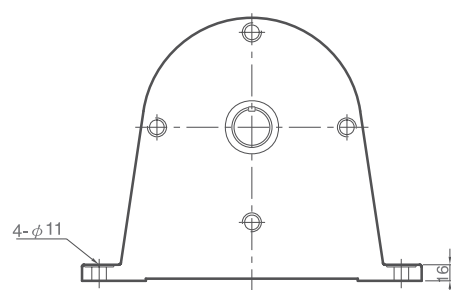


● IG※-4L-※脚座型（顺时针方向回转）

Foot Type (Clockwise Rotation)

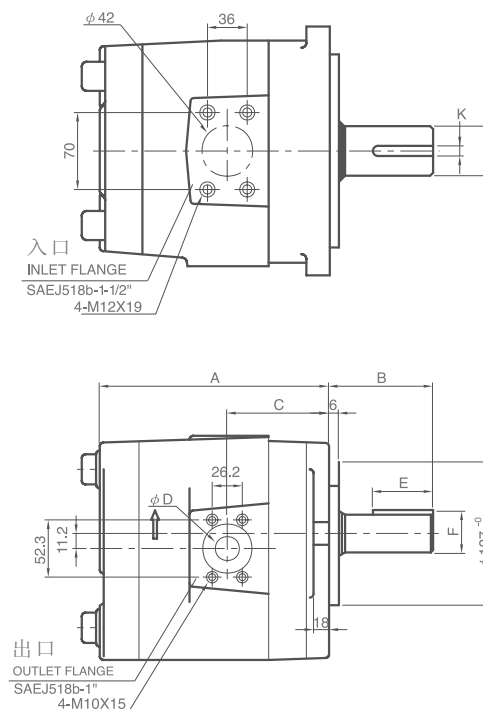


型式 Model	B	E	F	K	N
IG*-4E-*	72	45	28	8/h7	25/h7
IG*-4F(L)-*	78	38	27.85/h7	6.375/h7	25.385/h7

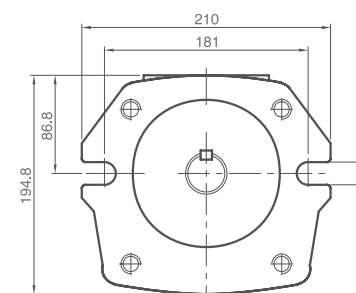


● IG※5E(F)-※ 法兰型（顺时针方向回转）

Flange Type (Clockwise Rotation)

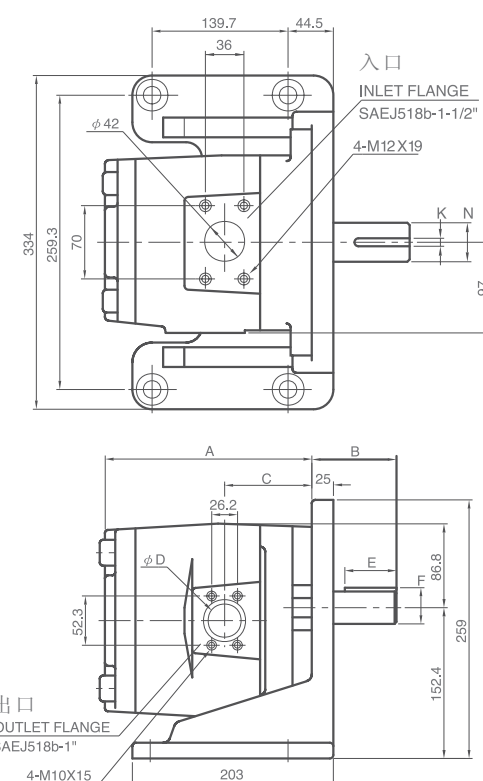


型式 Model	A	C	ØD
IG*-5*-40	191	92	Ø24
IG*-5*-50	198	95.5	Ø26
IG*-5*-64	208	100.5	Ø28



● IG※-5L-※脚座型（顺时针方向回转）

Foot Type (Clockwise Rotation)



型式 Model	B	E	F	K	N
IG*-5E-*	89	50	35	10/h7	32/h7
IG*-5F(L)-*	85	50	35.33/h7	7.938/h7	31.75/h7

