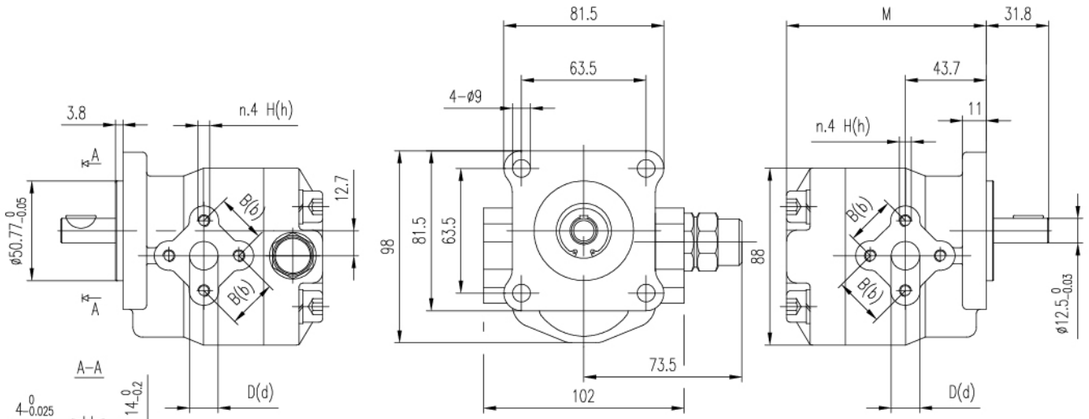
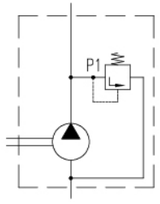
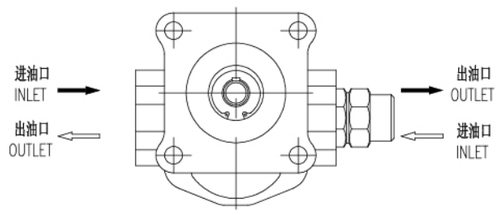
1.5系列/Group 1.5

1.5系列标准型产品尺寸/Group 1.5 Standard Product Dimensions

BAP1.5-Q0-D-2.0-C0-E0-YF1-P100







溢流阀
卸压流量回到吸油口。
控制压力 P=20...250bar。
Pressure relief valve.
Discharge returned to suction.
P=20...250 bar.

M6 10+1 Nm

排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions	油口代码 Oil port code	进油口 INLET			出油口 OUTLET		
	P1	P2	P3				M		B	D	H	b	d	h
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm		mm	mm		mm	mm	
2	210	230	250	5000	900	1.55	96.7	E0	25.2	14.5	M6	25.2	14.5	M6
3	210	230	250	5000	850	1.57	96.7	E0	25.2	14.5	M6	25.2	14.5	M6
4	210	230	250	4500	800	1.6	96.7	E0	25.2	14.5	M6	25.2	14.5	M6
5	210	230	250	4000	800	1.63	96.7	E0	25.2	14.5	M6	25.2	14.5	M6
6	210	230	250	3500	700	1.65	99.7	E0	25.2	14.5	M6	25.2	14.5	M6
8	210	230	250	3000	600	1.7	99.7	E0	25.2	14.5	M6	25.2	14.5	M6
9	180	200	220	2500	550	1.72	102.7	E0	25.2	14.5	M6	25.2	14.5	M6
11	180	200	220	2000	500	1.77	105.7	E0	25.2	14.5	M6	25.2	14.5	M6
12	180	200	220	2000	500	1.82	105.7	E0	25.2	14.5	M6	25.2	14.5	M6

2系列/Group 2

2系列选型规则/Group 2 Ordering Code Rules

B	A	P	2	B0	D	3	T0	E0	省略/omit	省略/omit	省略/omit
博顿 Boden	材质 Material	功能 Function	系列 Group	前盖 Front cover	旋向 Rotation	排量 Displacement	轴伸 Shaft	泵体油口 Ports	特殊结构 Special structure	可选项 Options	其他 Other

- A — 前、后盖材料为铝合金 Front and end cover material aluminum
- H — 前、后盖材料为铸铁，压力比铝盖高 30bar。Front and end cover material cast iron, pressure 30 bar higher than aluminum covers
- P — 泵 Pump
- M — 马达 Motor
- 2 — 2系列 Group 2
- 2Y — 2Y系列 Group 2Y
- D — 顺时针转 Clockwise
- S — 逆时针转 Counter clockwise
- R — 可正反转 Reversible
- 3 / 4 / 6 / 8 / 10 / 12 / 14 / 16 / 18 / 20 / 22 / 25 / 28 / 30
- 特殊设计 special designing

可选项 Options
- 省略-温度范围在-10℃~+80℃，进油口最高绝对压力为3bar。 Omit-Range between -10℃ and +80℃,inlet pressure up to max. 3 bar absolute.
- V — 适用于高温介质，温度范围在-10℃~+120℃。 Version suitable for fluid at hi-temperatures, range between -10℃ and +120℃.
- H — 适用于低温介质，温度范围在-40℃~+80℃。 Version suitable for fluid at low-temperatures, range between -40℃ and +80℃.
- N — 适用于进油口最大绝对压力3~10bar。 Version suitable for inlet pressure up to max. 3 and 10 bar absolute.

如需其它特殊选项请联系本公司工程师 For other special options, please contact our engineers.

前盖 Front cover

- A0 菱形前盖(止口ϕ82.55) Diamond front cover (centering ϕ82.55mm)
- B0 方形前盖（止口ϕ36.5） Square front cover (centering ϕ36.5mm)
- B1 方形前盖（止口ϕ38） Square front cover (centering ϕ38mm)
- B2 方形前盖（止口ϕ80） Square front cover (centering ϕ80mm)
- Q0 方形前盖（止口ϕ50） Square front cover (centering ϕ50mm)
- Q2 方形前盖（止口ϕ52），O-RING Square front cover (centering ϕ52mm),O-RING

详见 84 页 See page 84 for details

轴伸 Shaft

- T0 锥形键槽轴 1:8 Taper shaft 1:8
- T1 锥形键槽轴 1:5 Taper shaft 1:5
- C0 平键轴 straight keyed
- G0 扁平轴 Tang shaft
- G1 扁平轴 Tang shaft
- H0 矩形花键轴 Rectangle spline shaft 4-15x11.4x4
- S0 SAE花键轴 SAE spline shaft DP16/32-30-9T
- S1 SAE花键轴 SAE spline shaft DP16/32-30-11T
- S8 SAE花键轴 SAE spline shaft DP16/32-30-10T

详见 85 页 See page 85 for details

泵体油口 Ports

- E_ 矩形法兰 Rectangular flange
- F_ 矩形法兰 Rectangular flange
- F_ 矩形法兰 Split flange
- Z_ 公制螺纹 (M) Metric thread
- L_ 英制管螺纹(G) Gas thread
- U_ 美制管螺纹(UNF-2B) UNF thread
- R_ 英制锥螺纹(PT) PT thread
- N_ 美制锥螺纹(NPT) NPT thread
- X 泵体无油口 Body without ports

详见 86-87 页 See page 86-87 for details

特殊结构 Special structure

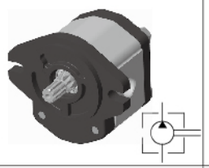
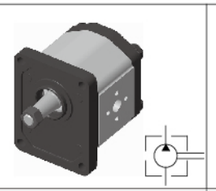
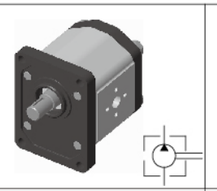
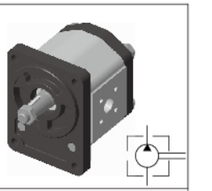
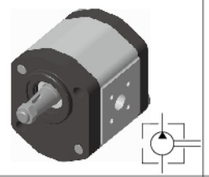
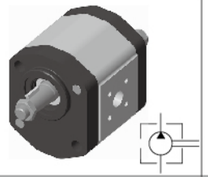
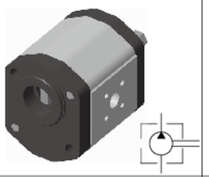
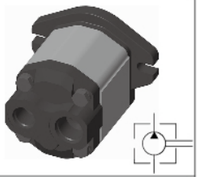
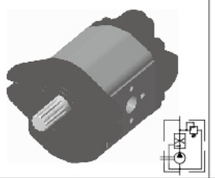
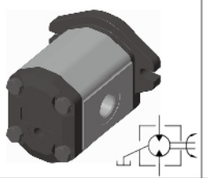
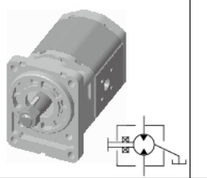
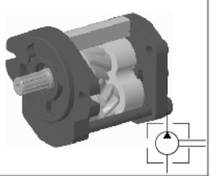
- 省略-默认普通 omit-regular
- Q_ 后盖带泄油口 Back cover with oil drain
- __ 后盖带进出油口 Back cover with inlet and outlet
- DF0 后盖带单向阀 Back cover with one-way valve
- YF0 后盖带溢流阀 Back cover with relief valve
- HFA_ 后盖带恒流阀阀 Back cover with constant flow valve

详见 88 页 See page 88 for details

如需其它型号请见详情页或联系本公司工程师
If you need other models, please see the details page or contact our engineers.

2系列/Group 2

2系列标准型产品概览/Group 2 Standard Product Overview

型式 type				
页码 page	89	90	91	92
型式 type				
页码 page	93	94	95	96
型式 type				
页码 page	97	98	99	100

2系列排量参数表/Group 2 Displacement parameter table

排量 Displacement	V	cm^3/rev	3	4	6	8	10	12	14	16	18	20	22	25	28	30
吸油绝对压力 Suction absolute pressure	Pe	bar	0.7...3													
最高连续压力 Max. continuous pressure	P1		270						250			220		200	180	160
最高间隙压力 Max. intermittent pressure	P2		285						265			235		215	190	170
最高峰值压力 Max. peak pressure	P3		300						280			250		230	200	180
最低转速 Min. speed	n_{Min}	r/min	800	600		500				400						
最高转速 Max. speed	n_{Max}		4000			3500			3200				3000		2500	
容积效率 Volumetric efficiency	η_v	%	>91			>92			>93				>95			

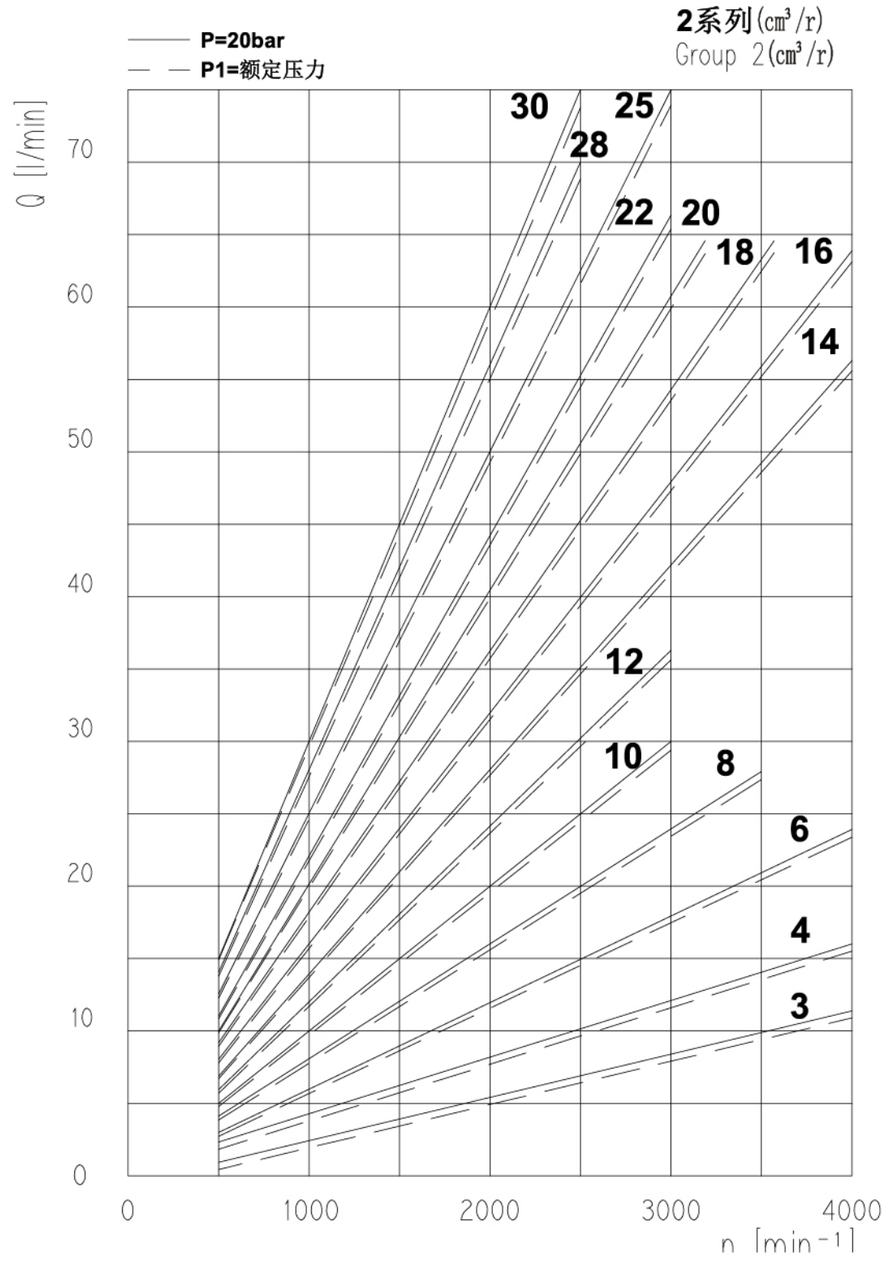
2Y系列排量参数表/Group 2Y Displacement parameter table

排量 Displacement	V	cm^3/rev	6	8	10	12	14	16	18	20	22	25	28	30
吸油绝对压力 Suction absolute pressure	Pe	bar	0.7...3											
最高连续压力 Max. continuous pressure	P1		270				250			220		200	180	160
最高间隙压力 Max. intermittent pressure	P2		285				265			235		215	190	170
最高峰值压力 Max. peak pressure	P3		300				280			250		230	200	180
最低转速 Min. speed	n_{Min}	r/min	250	200					150					
最高转速 Max. speed	n_{Max}		3500			3200				3000			2500	
容积效率 Volumetric efficiency	η_v	%	>93		>95				>96					

Boden博顿液压
HIGH PRESSURE GEAR PUMP

2系列/Group 2

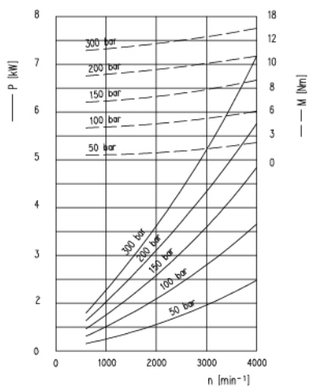
2系列流量性能曲线表/Group 2 Flow Performance Curve Table



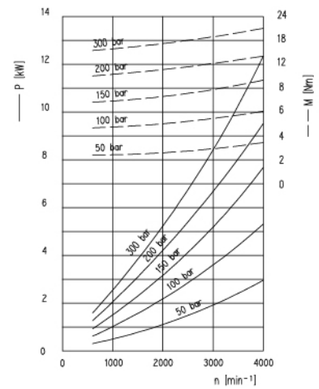
2系列/Group 2

2系列功率性能曲线表/Group 2 Power Performance Curve Table

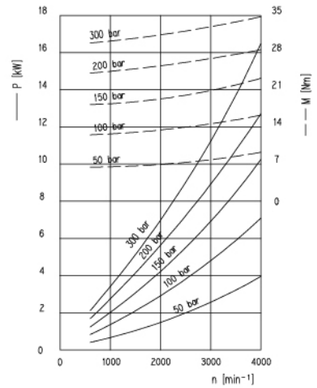
V=3cm³/r



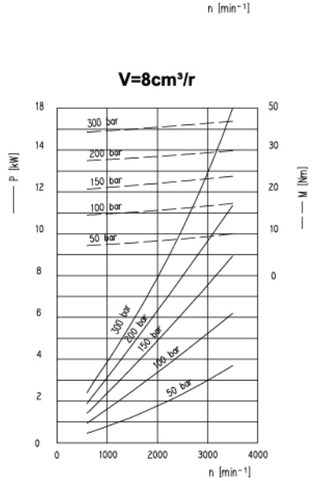
V=4cm³/r



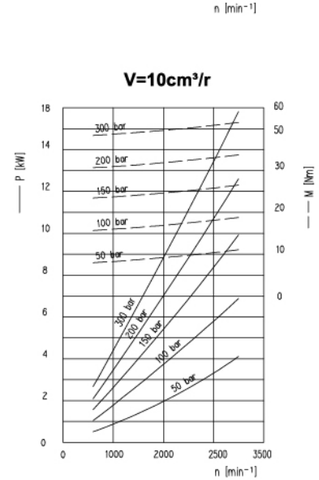
V=6cm³/r



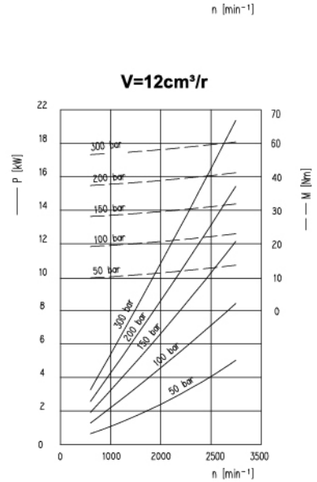
V=8cm³/r



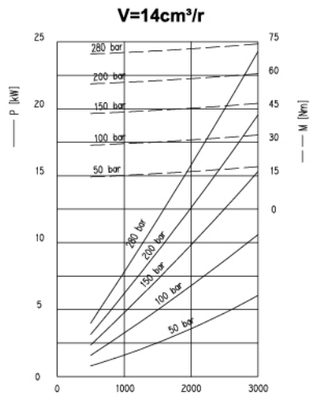
V=10cm³/r



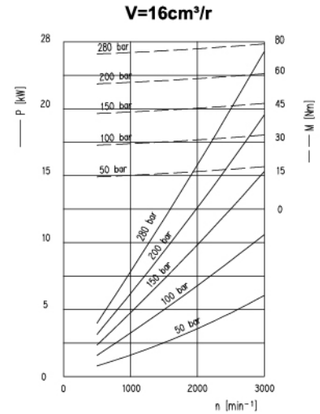
V=12cm³/r



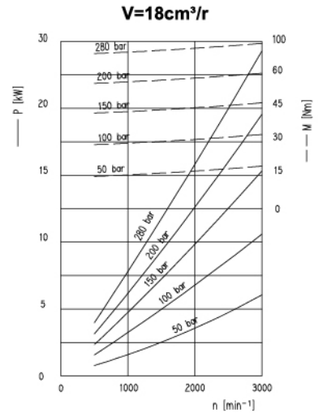
V=14cm³/r



V=16cm³/r



V=18cm³/r

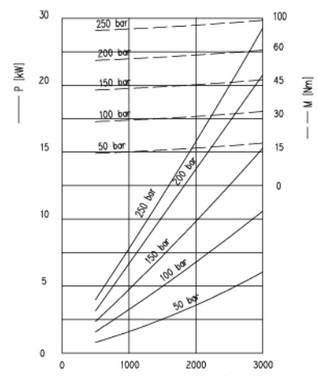


Boden博顿液压
HIGH PRESSURE GEAR PUMP

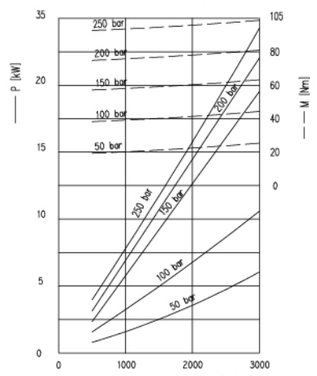
2系列/Group 2

2系列功率性能曲线表/Group 2 Power Performance Curve Table

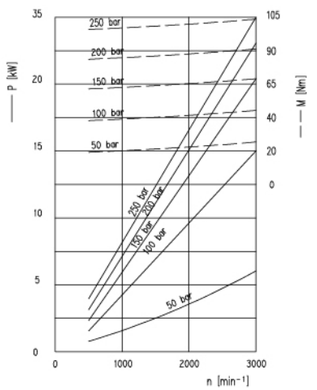
V=20cm³/r



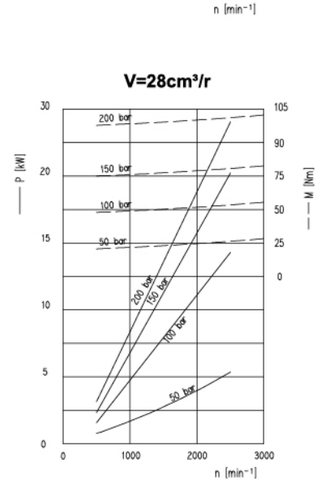
V=22cm³/r



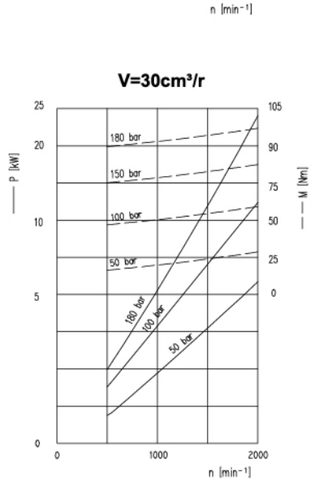
V=25cm³/r



V=28cm³/r



V=30cm³/r



2系列/Group 2

2系列噪音曲线表/Group 2 Noise Curve Table

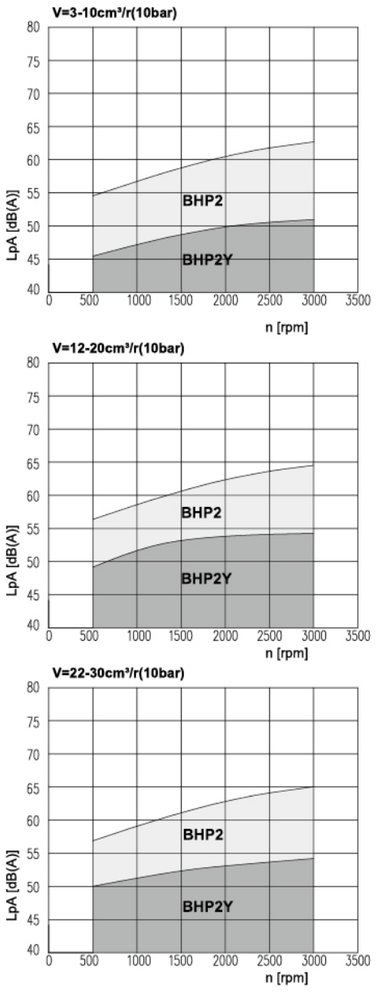
噪音曲线

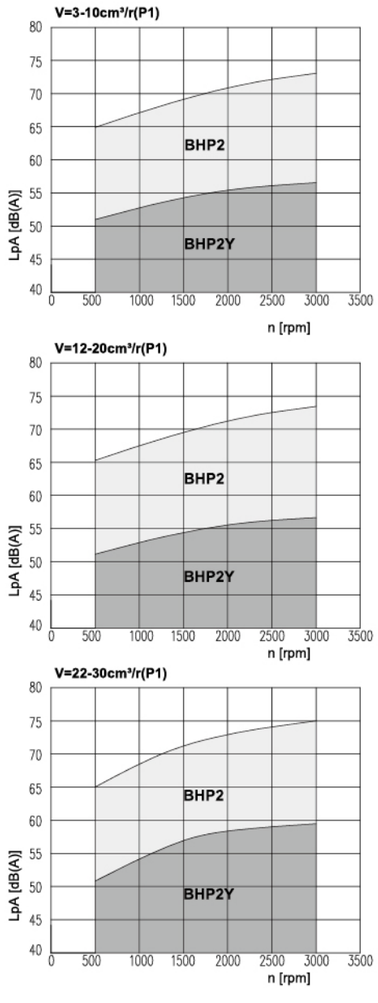
噪音等级取决于转速和压力范围；这个压力范围介于10 bar和压力值 P1之间。
The noise level depends on the speed and pressure range;This pressure range is between 10 bar and pressure value P1.

油液数据: ν = 32 mm²/s, ϑ = 50℃.
Oil data: V = 32mm²/s, ϑ=50℃.

对于从吸声测量室测得的噪音值进行计算而得到的声音压力等级，符合 DIN 45635 第 26 章的要求。
The sound pressure level obtained by calculating the noise value measured from the sound absorption measuring room meets the requirements of Chapter 26 of DIN 45635.

测量传感器与液压泵之间的距离：1 米。
Distance between measuring sensor and hydraulic pump: 1m.

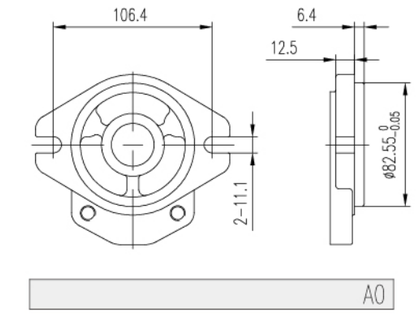


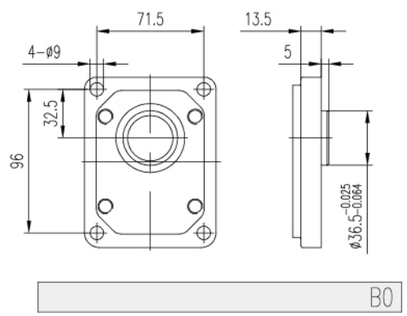


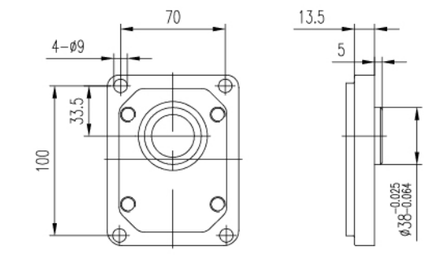
Boden博顿液压
HIGH PRESSURE GEAR PUMP

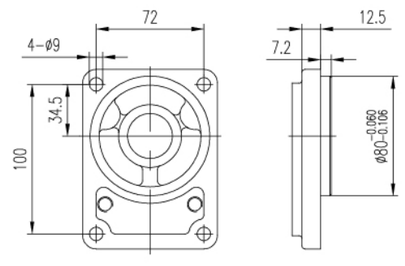
2系列/Group 2

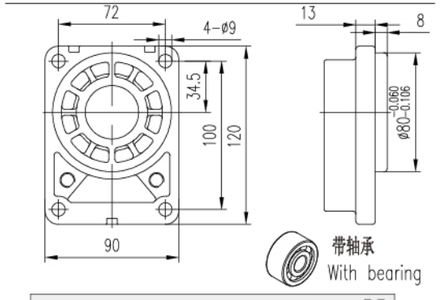
前盖/FRONT COVER

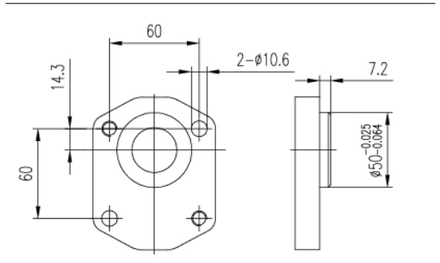


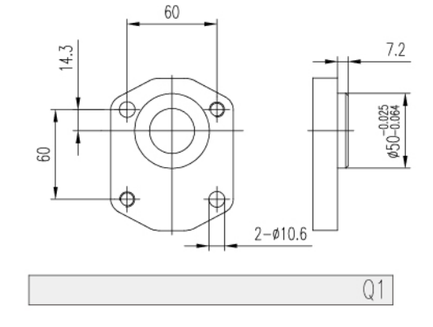


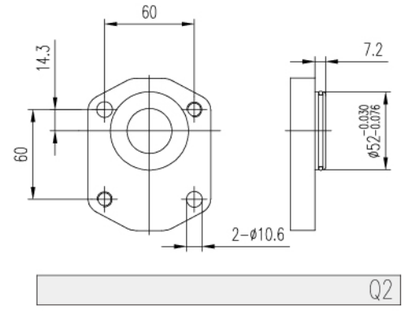






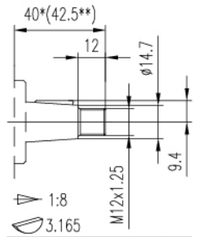






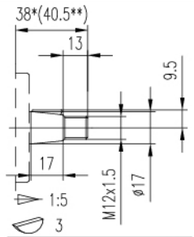
2系列/Group 2

轴伸/SHAFTS



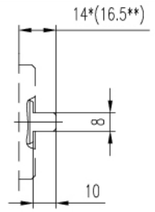
T0

最大扭矩 Max.Torque 200 Nm



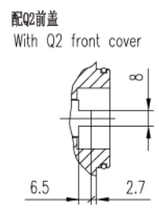
T1

最大扭矩 Max.Torque 180 Nm



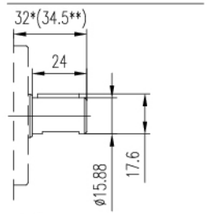
G0

最大扭矩 Max.Torque 100 Nm



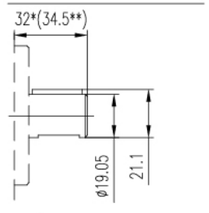
G1

最大扭矩 Max.Torque 100 Nm



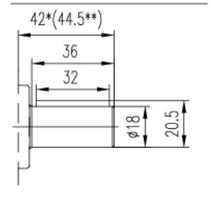
C0

最大扭矩 Max.Torque 140 Nm



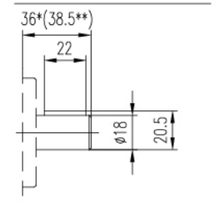
C1

最大扭矩 Max.Torque 160 Nm



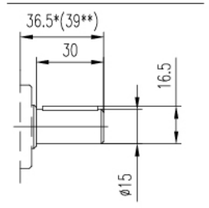
C2

最大扭矩 Max.Torque 150 Nm



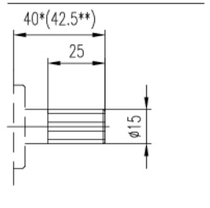
C3

最大扭矩 Max.Torque 150 Nm



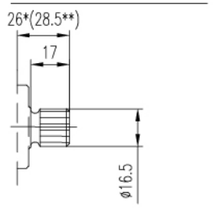
C4

最大扭矩 Max.Torque 135 Nm



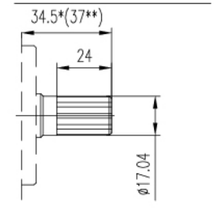
H0

最大扭矩 Max.Torque 185 Nm



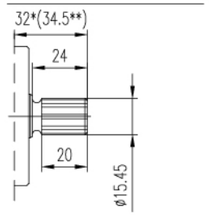
S3

最大扭矩 Max.Torque 150 Nm



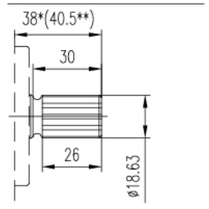
S8

最大扭矩 Max.Torque 190 Nm



S0

最大扭矩 Max.Torque 185 Nm



S1

最大扭矩 Max.Torque 200 Nm

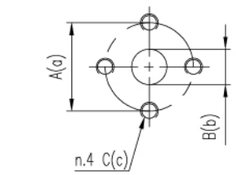
* 与前盖A□/B□配合尺寸
Dimension with front cover A□/B□

** 与前盖Q□配合尺寸
Dimension with front cover Q□

Boden博顿液压
HIGH PRESSURE GEAR PUMP

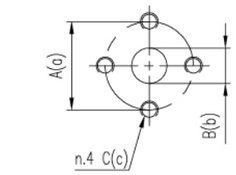
2系列/Group 2

泵体油口/PORTS



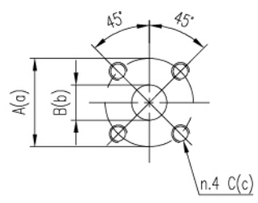
E0/E1/E2

油口代号 PORTS CODE	排量 Displacement	进油口 INLET			出油口 OUTLET		
	(cm^3/rev)	A		C	a	b	
E0	3...8	30	13	M6	30	13	M6
E1	10...22	40	20	M8	30	13	M6
E2	25...30	40	22	M6	30	13	M6



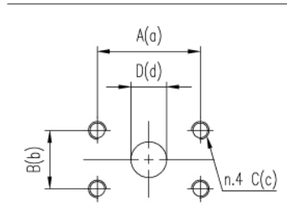
E3

油口代号 PORTS CODE	排量 Displacement	进油口 INLET			出油口 OUTLET		
	(cm^3/rev)	A	B	C	a	b	c
E3	3...8	38	14	M8	38	10	M8
E3	10...22	38	18	M8	38	15	M8
E3	25...30	38	20	M8	38	15	M8



F0/F1/F13

油口代号 PORTS CODE	排量 Displacement	进油口 INLET			出油口 OUTLET		
	(cm^3/rev)	A	B	C	a	b	c
F0	3...8	40	15	M6	35	15	M6
F1	10...30	40	20	M6	35	15	M6
F13	10...30	40	20	M6	40	20	M6

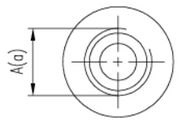


F2/F3/F4

油口代号 PORTS CODE	排量 Displacement	进油口 INLET				出油口 OUTLET			
	(cm^3/rev)	A	B	C	D	a	b	c	d
F2	3...16	38.1	17.48	5/16-18UNC	13	38.1	17.48	5/16-18UNC	13
F3	18...20	47.63	22.23	3/8-16UNC	20	38.1	17.48	5/16-18UNC	13
F4	22...30	47.63	22.23	3/8-16UNC	20	47.63	22.23	3/8-16UNC	20

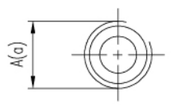
2系列/Group 2

泵体油口/PORTS



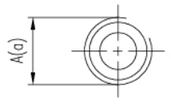
L0/L1

油口代号 PORTS CODE	排量 Displacement	进油口 INLET	出油口 OUTLET
	(cm^3/rev)	A	a
L0	3...6	G1/2	G1/2
L1	8...30	G3/4	G1/2



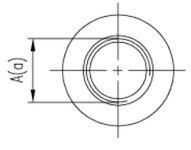
R0/R1/R2

油口代号 PORTS CODE	排量 Displacement	进油口 INLET	出油口 OUTLET
	(cm^3/rev)	A	a
R0	3...12	PT1/2	PT1/2
R1	14...25	PT3/4	PT1/2
R2	28...30	PT 1	PT3/4



Z0/Z1/Z3

油口代号 PORTS CODE	排量 Displacement	进油口 INLET	出油口 OUTLET
	(cm^3/rev)	A	a
Z0	3...12	M14X1.5	M14X1.5
Z1	14...25	M20X1.5	M18X1.5
Z3	28...30	M24X1.5	M22X1.5



0型圈密封
O-ring

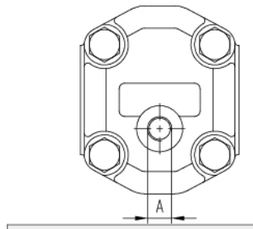
U0/U1

油口代号 PORTS CODE	排量 Displacement	进油口 INLET	出油口 OUTLET
	(cm^3/rev)	A	a
U0	3...28	1 1/16-12 UNF	7/8-14 UNF
U1	30	1 5/16-12 UNF	7/8-14 UNF

Boden博顿液压
HIGH PRESSURE GEAR PUMP

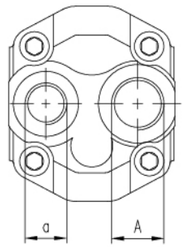
2系列/Group 2

特殊结构/SPECIAL STRUCTRE



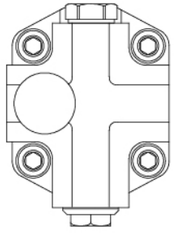
Q_

代号 CODE	泄油口 oil drain
	A
Q1	G1/4
Q2	9/16-18UNF



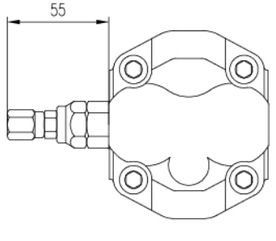
L0/R0/U0

代号 CODE	进油口 INLET	出油口 OUTLET
	A	a
L0	G1/2	G1/2
R0	PT1/2	PT1/2
U0	1 1/16-12UNF	7/8-14UNF



HFA_

代号 CODE	油口 LET	油口位置 Oil port position
HFAC19T	M18*1.5	进油口同侧 Same side of oil inlet
HFAC19F	M18*1.5	进油口反侧 Opposite side of oil inlet



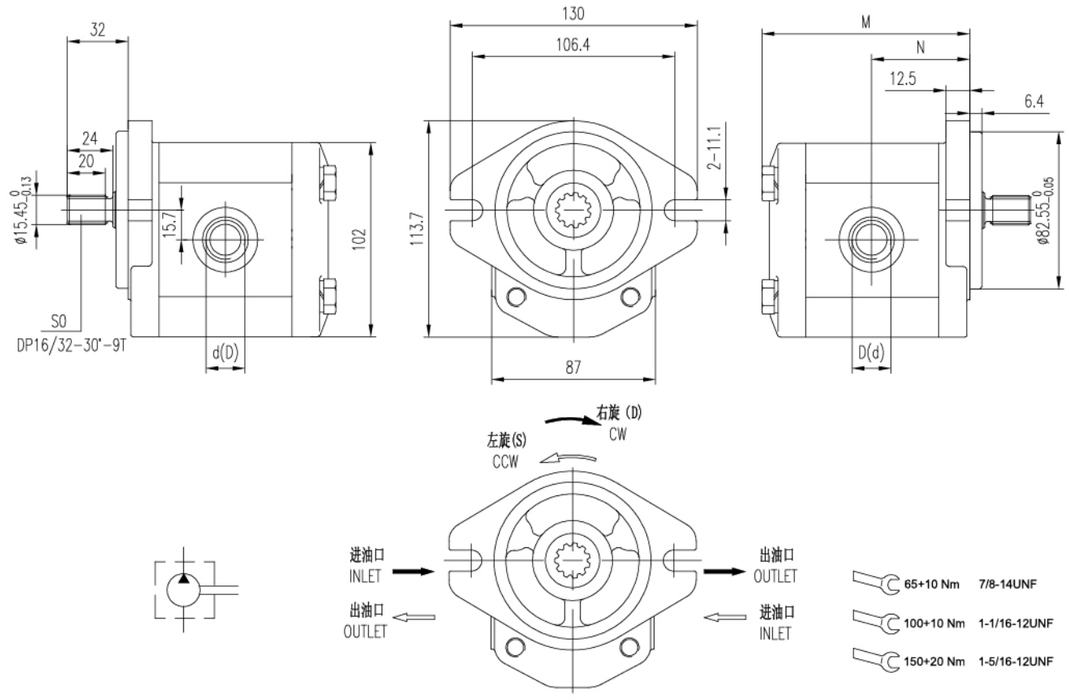
YF0

代号 CODE	溢流阀调压范围 Pressure regulating range of overflow valve
YF0	20...250(bar)

2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHP2-A0-D-3-S0-U0

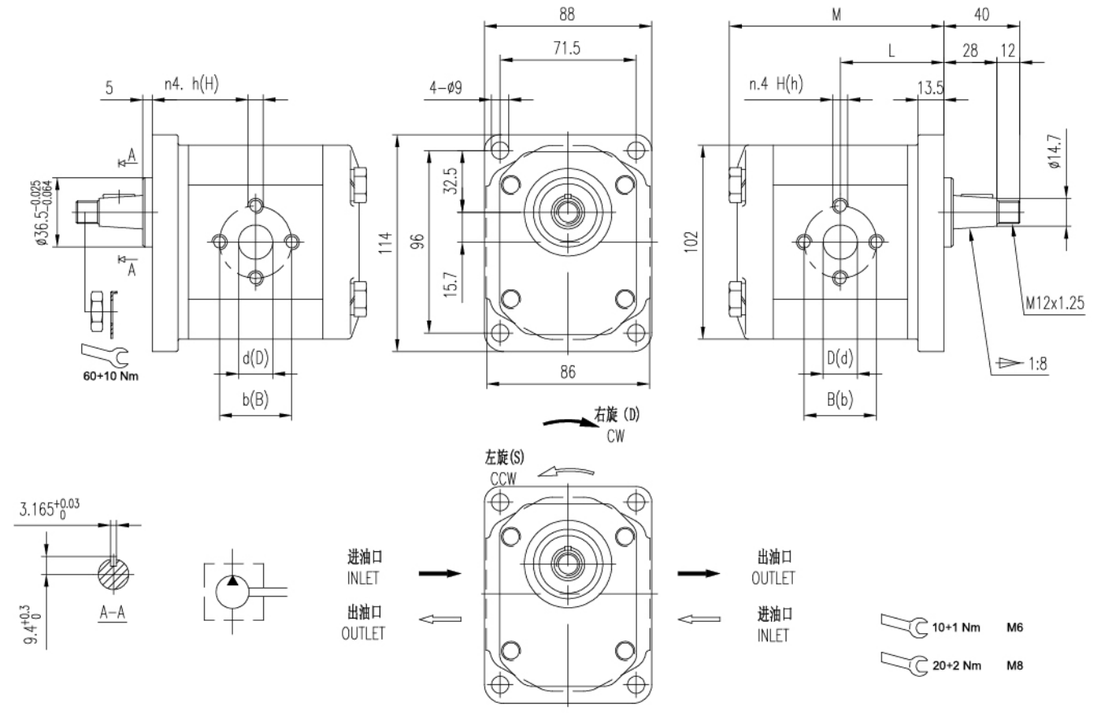


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET	出油口 OUTLET
	P1	P2	P3				M	L		D	d
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm			
3	270	285	300	4000	800	3.35	91.1	43.6	U0	1 1/16-12UNF	7/8-14UNF
4	270	285	300	4000	600	3.4	92.7	44.4	U0	1 1/16-12UNF	7/8-14UNF
6	270	285	300	4000	600	3.5	96	46	U0	1 1/16-12UNF	7/8-14UNF
8	270	285	300	3500	500	3.6	99.3	47.7	U0	1 1/16-12UNF	7/8-14UNF
10	270	285	300	3500	500	3.7	102.6	49.3	U0	1 1/16-12UNF	7/8-14UNF
12	270	285	300	3500	500	3.8	105.9	51	U0	1 1/16-12UNF	7/8-14UNF
14	250	265	280	3500	500	3.9	109.3	52.7	U0	1 1/16-12UNF	7/8-14UNF
16	250	265	280	3500	500	4.0	112.7	54.4	U0	1 1/16-12UNF	7/8-14UNF
18	250	265	280	3200	400	4.1	116	56	U0	1 1/16-12UNF	7/8-14UNF
20	220	235	250	3200	400	4.2	119.3	57.7	U0	1 1/16-12UNF	7/8-14UNF
22	220	235	250	3000	400	4.3	122.6	59.3	U0	1 1/16-12UNF	7/8-14UNF
25	200	215	230	3000	400	4.45	127.6	61.8	U0	1 1/16-12UNF	7/8-14UNF
28	180	190	200	2500	400	4.6	132.6	64.3	U0	1 1/16-12UNF	7/8-14UNF
30	160	170	180	2500	400	4.7	135.9	66	U1	1 5/16-12UNF	7/8-14UNF

2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHP2-B0-D-3-T0-E0

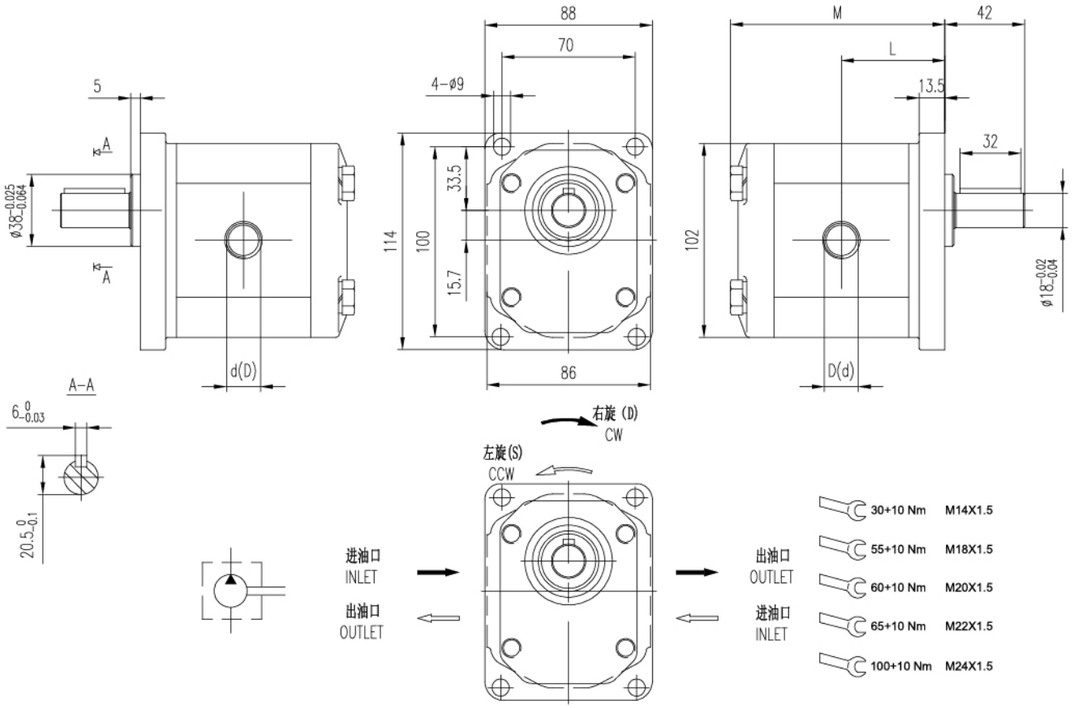


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET			出油口 OUTLET		
	P1	P2	P3				M	L		B	D	H	b	d	h
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm	mm		mm	mm	
3	270	285	300	4000	800	3.35	91.1	43.6	E0	30	13	M6	30	13	M6
4	270	285	300	4000	600	3.4	92.7	44.4	E0	30	13	M6	30	13	M6
6	270	285	300	4000	600	3.5	96	46	E0	30	13	M6	30	13	M6
8	270	285	300	3500	500	3.6	99.3	47.7	E0	30	13	M6	30	13	M6
10	270	285	300	3500	500	3.7	102.6	49.3	E1	40	20	M8	30	13	M6
12	270	285	300	3500	500	3.8	105.9	51	E1	40	20	M8	30	13	M6
14	250	265	280	3500	500	3.9	109.3	52.7	E1	40	20	M8	30	13	M6
16	250	265	280	3500	500	4.0	112.7	54.4	E1	40	20	M8	30	13	M6
18	250	265	280	3200	400	4.1	116	56	E1	40	20	M8	30	13	M6
20	220	235	250	3200	400	4.2	119.3	57.7	E1	40	20	M8	30	13	M6
22	220	235	250	3000	400	4.3	122.6	59.3	E1	40	20	M8	30	13	M6
25	200	215	230	3000	400	4.45	127.6	61.8	E2	40	22	M8	30	13	M6
28	180	190	200	2500	400	4.6	132.6	64.3	E2	40	22	M8	30	13	M6
30	160	170	180	2500	400	4.7	135.9	66	E2	40	22	M8	30	13	M6

2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHP2-B1-D-3-C2-Z0

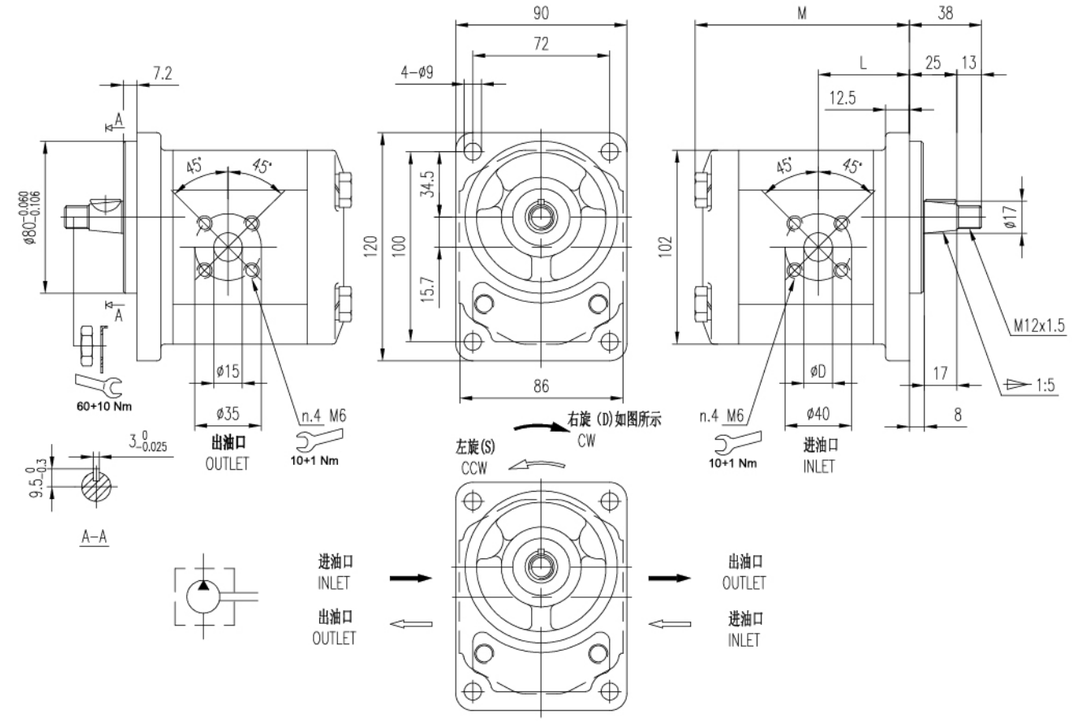


Displacement	Max pressure			最高转速	Min. speed	重量	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET	出油口 OUTLET
	P1	P2	P3				M	L		D	d
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm			
3	270	285	300	4000	800	3.35	91.1	43.6	Z0	M14X1.5	M14X1.5
4	270	285	300	4000	600	3.4	92.7	44.4	Z0	M14X1.5	M14X1.5
6	270	285	300	4000	600	3.5	96	46	Z1	M20X1.5	M18X1.5
8	270	285	300	3500	500	3.6	99.3	47.7	Z1	M20X1.5	M18X1.5
10	270	285	300	3500	500	3.7	102.6	49.3	Z1	M20X1.5	M18X1.5
12	270	285	300	3500	500	3.8	105.9	51	Z1	M20X1.5	M18X1.5
14	250	265	280	3500	500	3.9	109.3	52.7	Z1	M20X1.5	M18X1.5
16	250	265	280	3500	500	4.0	112.7	54.4	Z1	M20X1.5	M18X1.5
18	250	265	280	3200	400	4.1	116	56	Z1	M20X1.5	M18X1.5
20	220	235	250	3200	400	4.2	119.3	57.7	Z3	M24X1.5	M22X1.5
22	220	235	250	3000	400	4.3	122.6	59.3	Z3	M24X1.5	M22X1.5
25	200	215	230	3000	400	4.45	127.6	61.8	Z3	M24X1.5	M22X1.5
28	180	190	200	2500	400	4.6	132.6	64.3	Z3	M24X1.5	M22X1.5
30	160	170	180	2500	400	4.7	135.9	66	Z3	M24X1.5	M22X1.5

2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHP2-B2-D-3-T1-F0

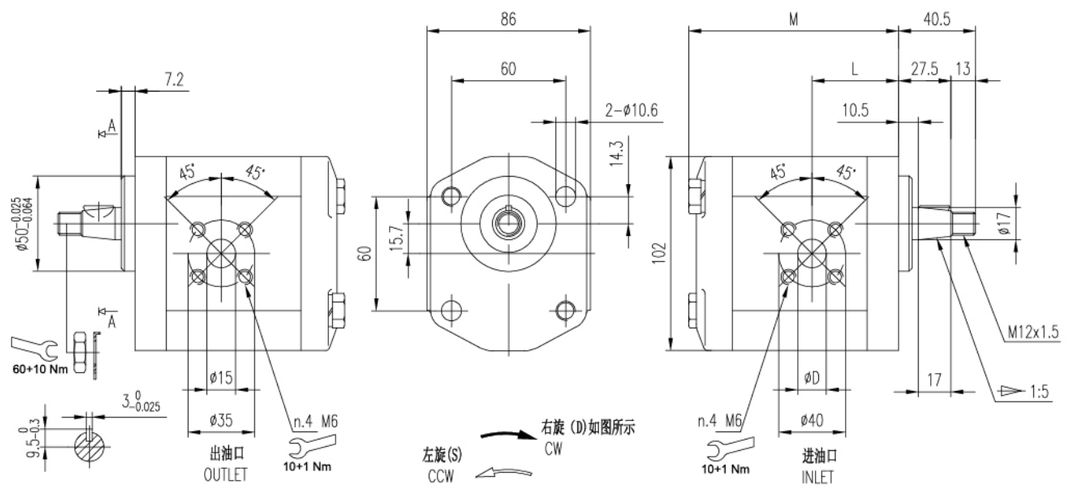


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm
3	270	285	300	4000	800	3.35	91.1	39.9	F0	15
4	270	285	300	4000	600	3.4	92.7	39.9	F0	15
6	270	285	300	4000	600	3.5	96	41.1	F0	15
8	270	285	300	3500	500	3.6	99.3	43.2	F0	15
10	270	285	300	3500	500	3.7	102.6	43.7	F1	20
12	270	285	300	3500	500	3.8	105.9	47.5	F1	20
14	250	265	280	3500	500	3.9	109.3	47.5	F1	20
16	250	265	280	3500	500	4.0	112.7	47.5	F1	20
18	250	265	280	3200	400	4.1	116	47.5	F1	20
20	220	235	250	3200	400	4.2	119.3	47.5	F1	20
22	220	235	250	3000	400	4.3	122.6	55.1	F1	20
25	200	215	230	3000	400	4.45	127.6	61.8	F1	20
28	180	190	200	2500	400	4.6	132.6	64.3	F1	20
30	160	170	180	2500	400	4.7	135.9	66	F1	20

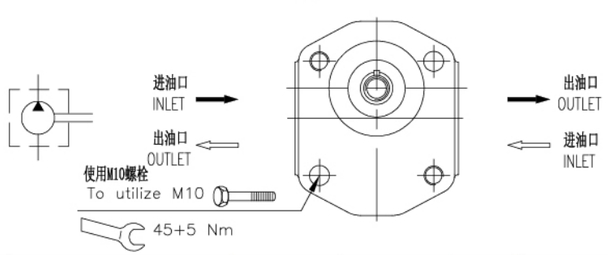
2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHP2-Q0-D-3-T1-F0



A-A



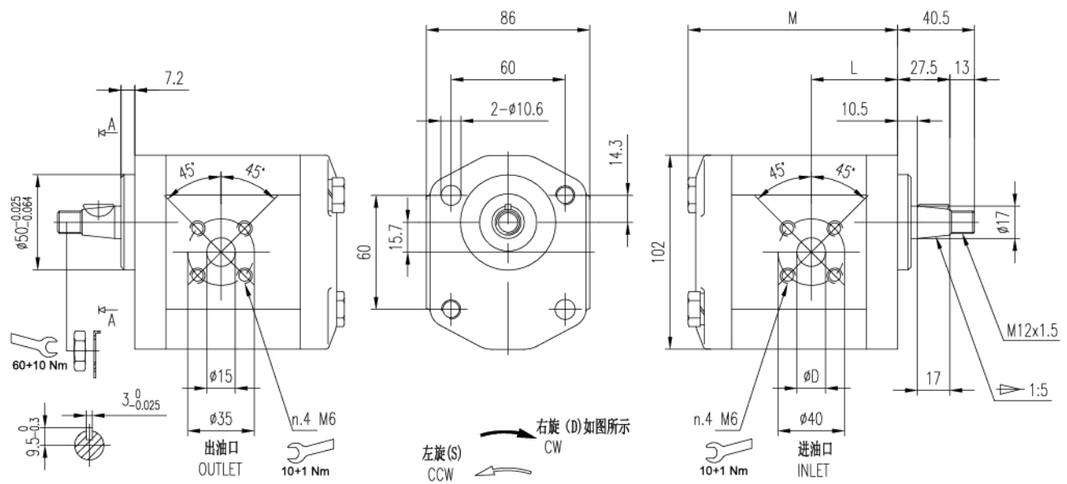
排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm
3	270	285	300	4000	800	3.35	88.6	37.4	F0	15
4	270	285	300	4000	600	3.4	90.2	37.4	F0	15
6	270	285	300	4000	600	3.5	93.5	38.6	F0	15
8	270	285	300	3500	500	3.6	96.8	40.7	F0	15
10	270	285	300	3500	500	3.7	100.1	41.2	F1	20
12	270	285	300	3500	500	3.8	103.4	45	F1	20
14	250	265	280	3500	500	3.9	106.8	45	F1	20
16	250	265	280	3500	500	4.0	110.2	45	F1	20
18	250	265	280	3200	400	4.1	113.5	45	F1	20
20	220	235	250	3200	400	4.2	116.8	45	F1	20
22	220	235	250	3000	400	4.3	120.1	52.6	F1	20
25	200	215	230	3000	400	4.45	125.1	59.3	F1	20
28	180	190	200	2500	400	4.6	130.1	61.8	F1	20
30	160	170	180	2500	400	4.7	133.4	63.5	F1	20

Boden博顿液压
HIGH PRESSURE GEAR PUMP

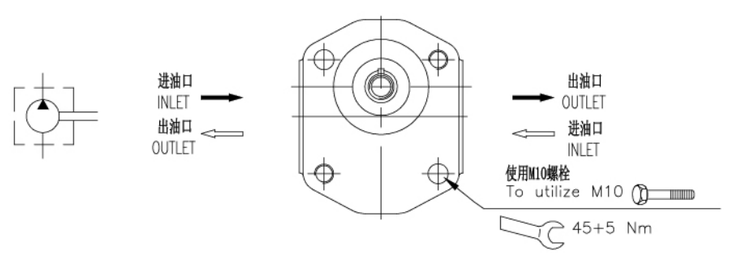
2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHP2-Q1-D-3-T1-F0



A-A

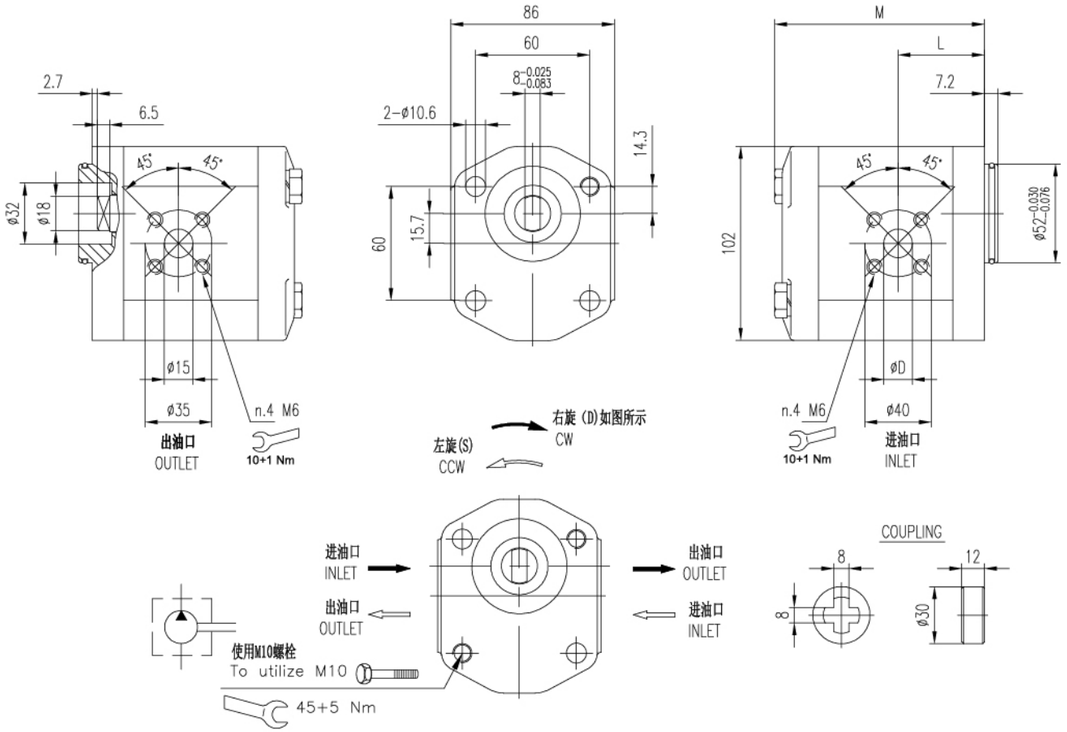


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm
3	270	285	300	4000	800	3.35	88.6	37.4	F0	15
4	270	285	300	4000	600	3.4	90.2	37.4	F0	15
6	270	285	300	4000	600	3.5	93.5	38.6	F0	15
8	270	285	300	3500	500	3.6	96.8	40.7	F0	15
10	270	285	300	3500	500	3.7	100.1	41.2	F1	20
12	270	285	300	3500	500	3.8	103.4	45	F1	20
14	250	265	280	3500	500	3.9	106.8	45	F1	20
16	250	265	280	3500	500	4.0	110.2	45	F1	20
18	250	265	280	3200	400	4.1	113.5	45	F1	20
20	220	235	250	3200	400	4.2	116.8	45	F1	20
22	220	235	250	3000	400	4.3	120.1	52.6	F1	20
25	200	215	230	3000	400	4.45	125.1	59.3	F1	20
28	180	190	200	2500	400	4.6	130.1	61.8	F1	20
30	160	170	180	2500	400	4.7	133.4	63.5	F1	20

2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHP2-Q2-D-3-G1-F0

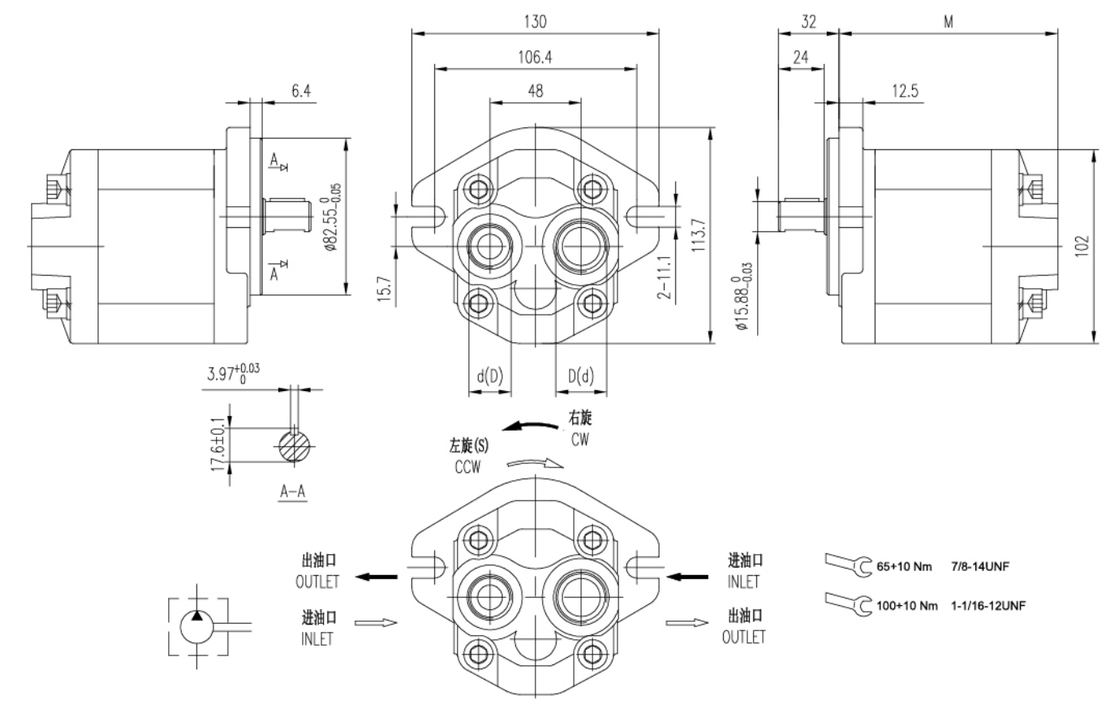


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm
3	270	285	300	4000	800	3.35	88.6	37.4	F0	15
4	270	285	300	4000	600	3.4	90.2	37.4	F0	15
6	270	285	300	4000	600	3.5	93.5	38.6	F0	15
8	270	285	300	3500	500	3.6	96.8	40.7	F0	15
10	270	285	300	3500	500	3.7	100.1	41.2	F1	20
12	270	285	300	3500	500	3.8	103.4	45	F1	20
14	250	265	280	3500	500	3.9	106.8	45	F1	20
16	250	265	280	3500	500	4.0	110.2	45	F1	20
18	250	265	280	3200	400	4.1	113.5	45	F1	20
20	220	235	250	3200	400	4.2	116.8	45	F1	20
22	220	235	250	3000	400	4.3	120.1	52.6	F1	20
25	200	215	230	3000	400	4.45	125.1	59.3	F1	20
28	180	190	200	2500	400	4.6	130.1	61.8	F1	20
30	160	170	180	2500	400	4.7	133.4	63.5	F1	20

2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHP2-A0-D-3-C0-X-U0

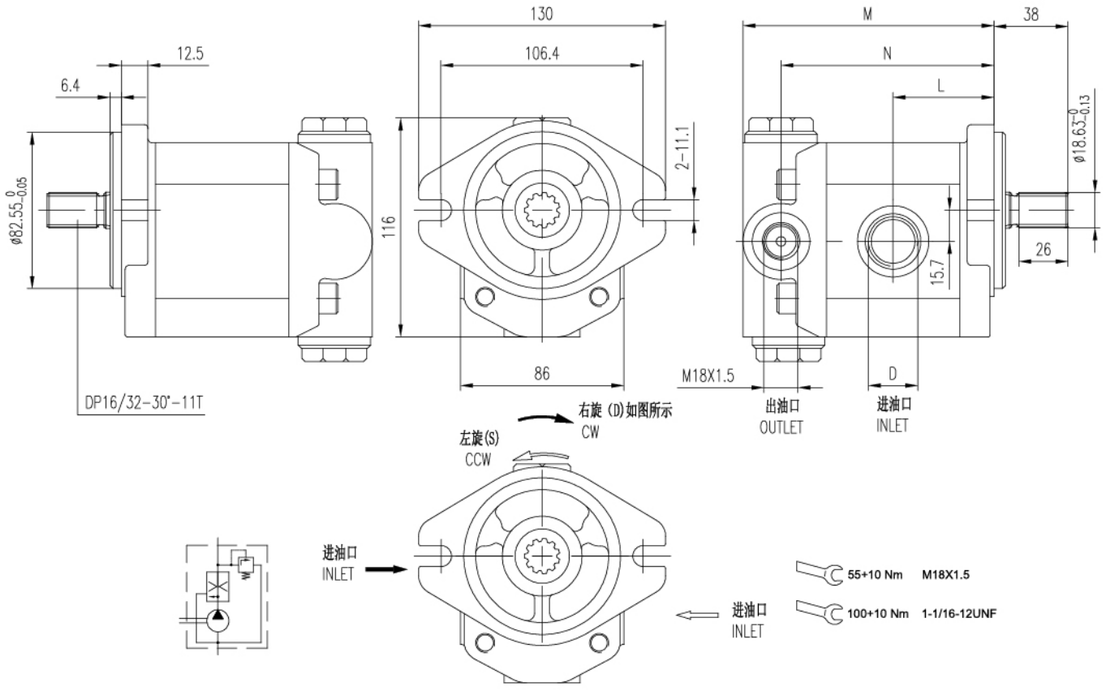


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions	油口代码 Oil port code	进油口 INLET	出油口 OUELET
	P1	P2	P3				M		D	d
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm			
3	270	285	300	4000	800	3.4	103.1	U0	1 1/16-12UNF	7/8-14UNF
4	270	285	300	4000	600	3.45	104.7	U0	1 1/16-12UNF	7/8-14UNF
6	270	285	300	4000	600	3.55	108	U0	1 1/16-12UNF	7/8-14UNF
8	270	285	300	3500	500	3.65	111.3	U0	1 1/16-12UNF	7/8-14UNF
10	270	285	300	3500	500	3.75	114.6	U0	1 1/16-12UNF	7/8-14UNF
12	270	285	300	3500	500	3.85	117.9	U0	1 1/16-12UNF	7/8-14UNF
14	250	265	280	3500	500	3.95	121.3	U0	1 1/16-12UNF	7/8-14UNF
16	250	265	280	3500	500	4.05	124.7	U0	1 1/16-12UNF	7/8-14UNF
18	250	265	280	3200	400	4.15	128	U0	1 1/16-12UNF	7/8-14UNF
20	220	235	250	3200	400	4.25	131.3	U0	1 1/16-12UNF	7/8-14UNF
22	220	235	250	3000	400	4.35	134.6	U0	1 1/16-12UNF	7/8-14UNF
25	200	215	230	3000	400	4.50	139.6	U0	1 1/16-12UNF	7/8-14UNF
28	180	190	200	2500	400	4.65	144.6	U0	1 1/16-12UNF	7/8-14UNF
30	160	170	180	2500	400	4.75	147.9	U0	1 1/16-12UNF	7/8-14UNF

2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHP2-A0-D-3-S1- UJ4 -HFAC19T-P150-F04

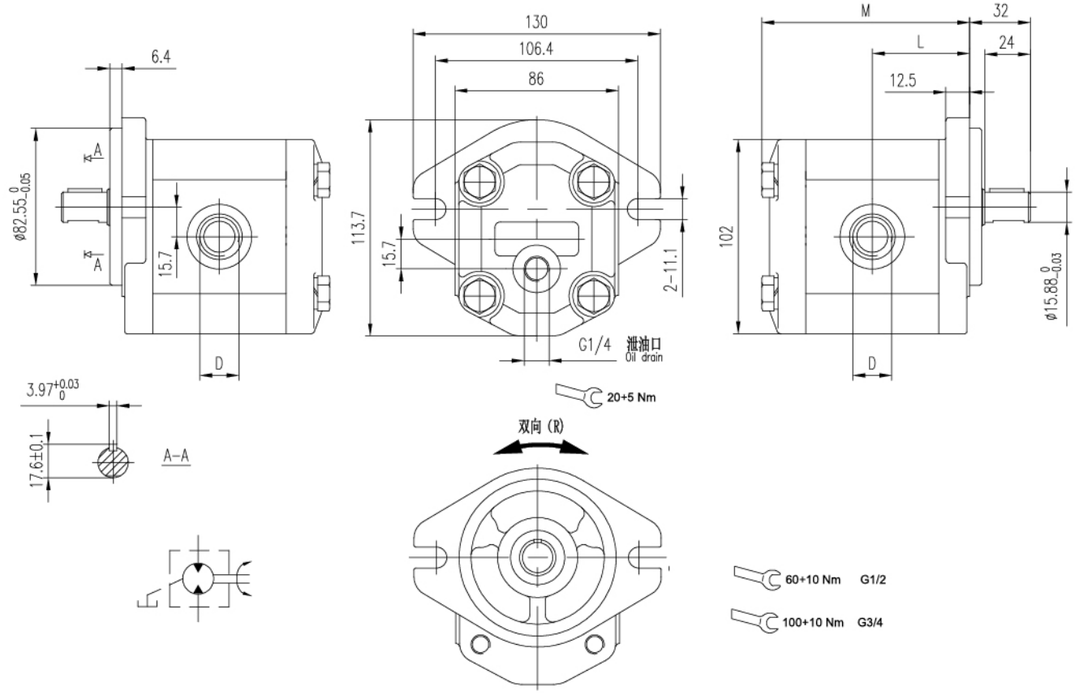


排量 Displacement	控制压力 Control pressure	控制流量 Control flow	最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions			油口代码 Oil port code	进油口 INLET
	P1	Q_{const}				M	L	N		D
(cm^3/rev)	bar	L/min	(r/min)	(r/min)	Kg	mm	mm	mm		
3	100...180	2...30	4000	800	4.1	113.1	43.6	93.6	UJ4	1 1/16-12UNF
4			4000	600	4.15	114.7	44.4	95.2	UJ4	1 1/16-12UNF
6			4000	600	4.25	118	46	98.5	UJ4	1 1/16-12UNF
8			3500	500	4.35	121.3	47.7	101.8	UJ4	1 1/16-12UNF
10			3500	500	4.45	124.6	49.3	105.1	UJ4	1 1/16-12UNF
12			3500	500	4.55	127.9	51	108.4	UJ4	1 1/16-12UNF
14			3500	500	4.65	131.3	52.7	111.8	UJ4	1 1/16-12UNF
16			3500	500	4.75	134.7	54.4	115.2	UJ4	1 1/16-12UNF
18			3200	400	4.35	138	56	118.5	UJ4	1 1/16-12UNF
20			3200	400	4.45	141.3	57.7	121.8	UJ4	1 1/16-12UNF
22			3000	400	4.55	144.6	59.3	125.1	UJ4	1 1/16-12UNF
25			3000	400	4.70	149.6	61.8	130.1	UJ4	1 1/16-12UNF
28			2500	400	4.85	154.6	64.3	135.1	UJ4	1 1/16-12UNF
30			2500	400	5.05	157.9	66	138.4	UJ5	1 5/16-12UNF

2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BHM2-A0-R-3-C0-L0-Q1

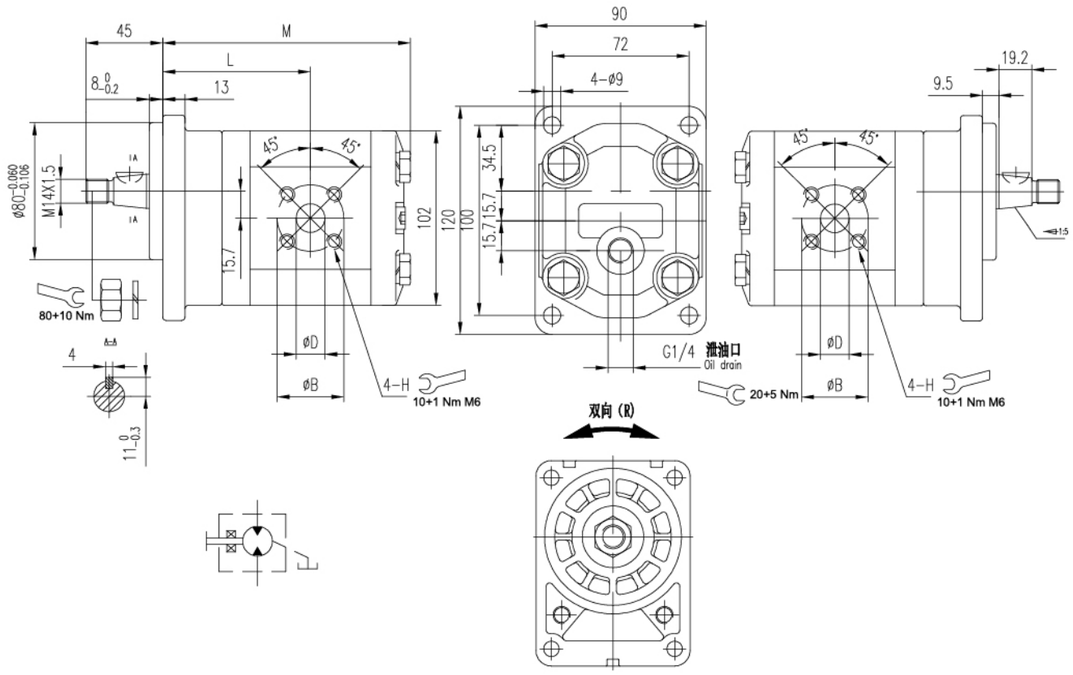


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	油口 Let
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		
3	270	285	300	4000	800	3.35	91.1	43.6	L0	G1/2
4	270	285	300	4000	600	3.4	92.7	44.4	L0	G1/2
6	270	285	300	4000	600	3.5	96	46	L0	G1/2
8	270	285	300	3500	500	3.6	99.3	47.7	L4	G3/4
10	270	285	300	3500	500	3.7	102.6	49.3	L4	G3/4
12	270	285	300	3500	500	3.8	105.9	51	L4	G3/4
14	250	265	280	3500	500	3.9	109.3	52.7	L4	G3/4
16	250	265	280	3500	500	4.0	112.7	54.4	L4	G3/4
18	250	265	280	3200	400	4.1	116	56	L4	G3/4
20	220	235	250	3200	400	4.2	119.3	57.7	L4	G3/4
22	220	235	250	3000	400	4.3	122.6	59.3	L4	G3/4
25	200	215	230	3000	400	4.45	127.6	61.8	L4	G3/4
28	180	190	200	2500	400	4.6	132.6	64.3	L4	G3/4
30	160	170	180	2500	400	4.7	135.9	66	L4	G3/4

2系列/Group 2

2系列标准型产品尺寸/Group 2 Standard Product Dimensions

BAM2-B3-R-[3]-T2-[F13]-Q1-ZC


45
M
L
13
90
72
4-ø9
19.2
9.5
ø80-0.060 -0.106
M14X1.5
80+10 Nm
15.7
102
120
100
34.5
15.7 15.7
ø82.55-0.05
ø15.45-0.13
ø82.55-0.05
ø15.45-0.13
ø8-0.2
11-0.3
4
ø8
ø15.45
45°
45°
ø82.55
ø15.45
ø8
ø15.45
ø82.55
ø15.45
ø8
ø15.45
ø82.55
ø15.45
ø8
ø15.45