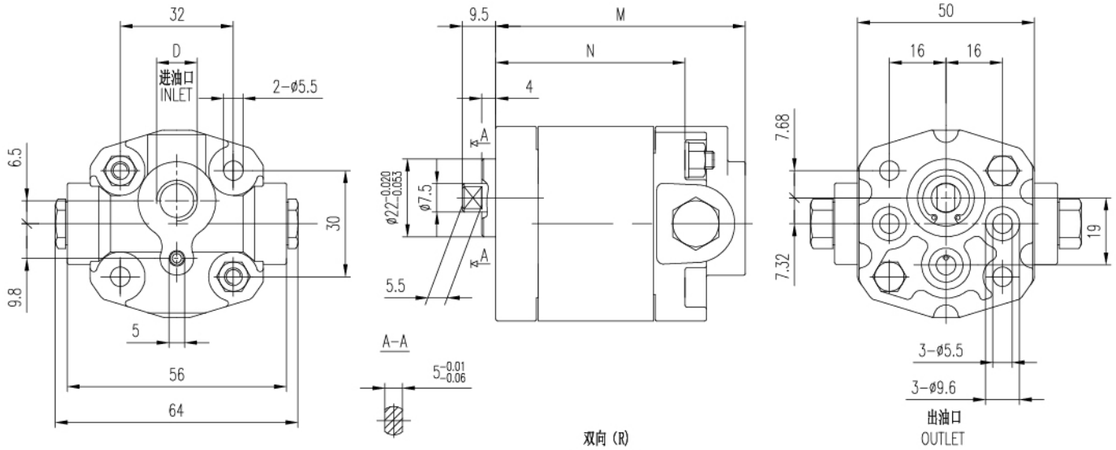
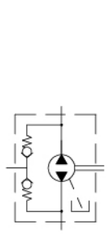
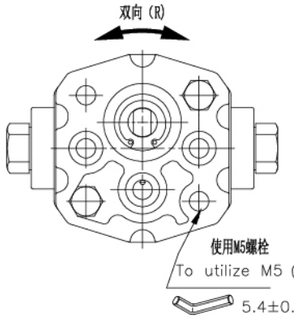
0.5系列/Group 0.5

0.5系列标准型产品尺寸/Group 0.5 Standard Product Dimensions

BKP0.5-B2-R-[0.19]-G0-X-[LJ0]-VQ2







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		
0.19	150	170	190	7000	1000	0.40	68	51	LJ0	G1/4
0.26	150	170	190	7000	1000	0.41	68.5	51.5	LJ0	G1/4
0.38	150	170	190	7000	1000	0.42	69.5	52.5	LJ0	G1/4
0.50	150	170	190	7000	1000	0.43	70.5	53.5	LJ0	G1/4
0.65	150	170	190	7000	1000	0.44	71.5	54.5	LJ0	G1/4
0.75	150	170	190	7000	1000	0.45	72.5	55.5	LJ0	G1/4
0.88	150	170	190	7000	1000	0.46	73.5	56.5	LJ0	G1/4
1.00	150	170	190	6000	850	0.47	74.5	57.5	LJ0	G1/4
1.25	150	170	190	5000	700	0.49	76.5	59.5	LJ0	G1/4
1.50	150	170	190	4000	600	0.51	78.5	61.5	LJ0	G1/4
1.75	150	170	190	4000	600	0.52	80.5	63.5	LJ0	G1/4
2.00	150	170	190	3000	500	0.53	82.5	65.5	LJ0	G1/4

1系列/Group 1

1系列选型规则/Group 1 Ordering Code Rules

B	K	P	1	Q0	D	0.8	G0	X	LJ1	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

K 前、后盖材料为铝合金 Front and end cover material aluminum

P 泵 Pump

1 1系列 Group 1

1E 1系列斜齿 Group 1 helical tooth

D 顺时针转 Clockwise

S 逆时针转 Counter clockwise

0.8 / 1.1 / 1.3 / 1.6 / 1.8 / 2.1 / 2.7 / 3.2 / 3.7 / 4.2 / 4.8 / 5.8 / 7.0 / 8.0

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

Q0 带油口方形前盖(止口ϕ32mm)
Square front cover with oil port (centering ϕ32mm)

Q1 不带油口方形前盖(止口ϕ32mm)
Square front cover without oil port (centering ϕ32mm)

B0 不带油口方形前盖(止口ϕ32mm)
Square front cover without oil port (centering ϕ25.4mm)

详见 28 页
See page 28 for details

轴伸 Shaft

T0 锥形键槽轴 1:8
Taper shaft 1:8

G0 扁平轴
Tang shaft

G1 扁平轴
Tang shaft

详见 28 页
See page 28 for details

泵体油口 Ports

E_ 矩形法兰
Rectangular flange

F_ 矩形法兰
Rectangular 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 29-30 页
See page 29-30 for details

特殊结构 Special structure

省略-默认普通
omit-regular

_J_ 后盖带进油口
Back cover with inlet

_C_ 后盖带出油口
Back cover with outlet

L_ 后盖带进出油口
Back cover with inlet and outlet

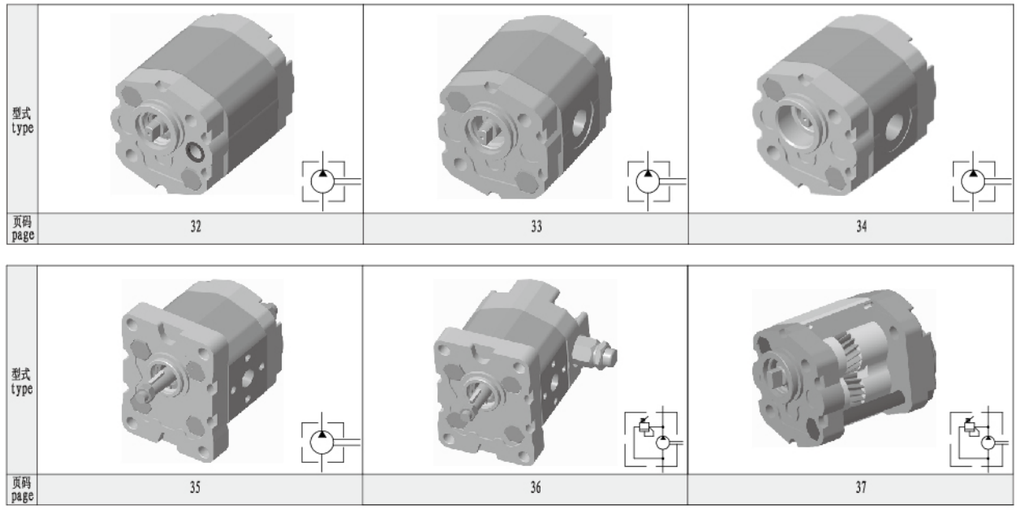
YF1 后盖带溢流阀
Back cover with relief valve

详见 31 页
See page 31 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.

1系列/Group 1

1系列标准型产品概览/Group 1 Standard Product Overview



1系列排量参数表/Group 1 Displacement parameter table

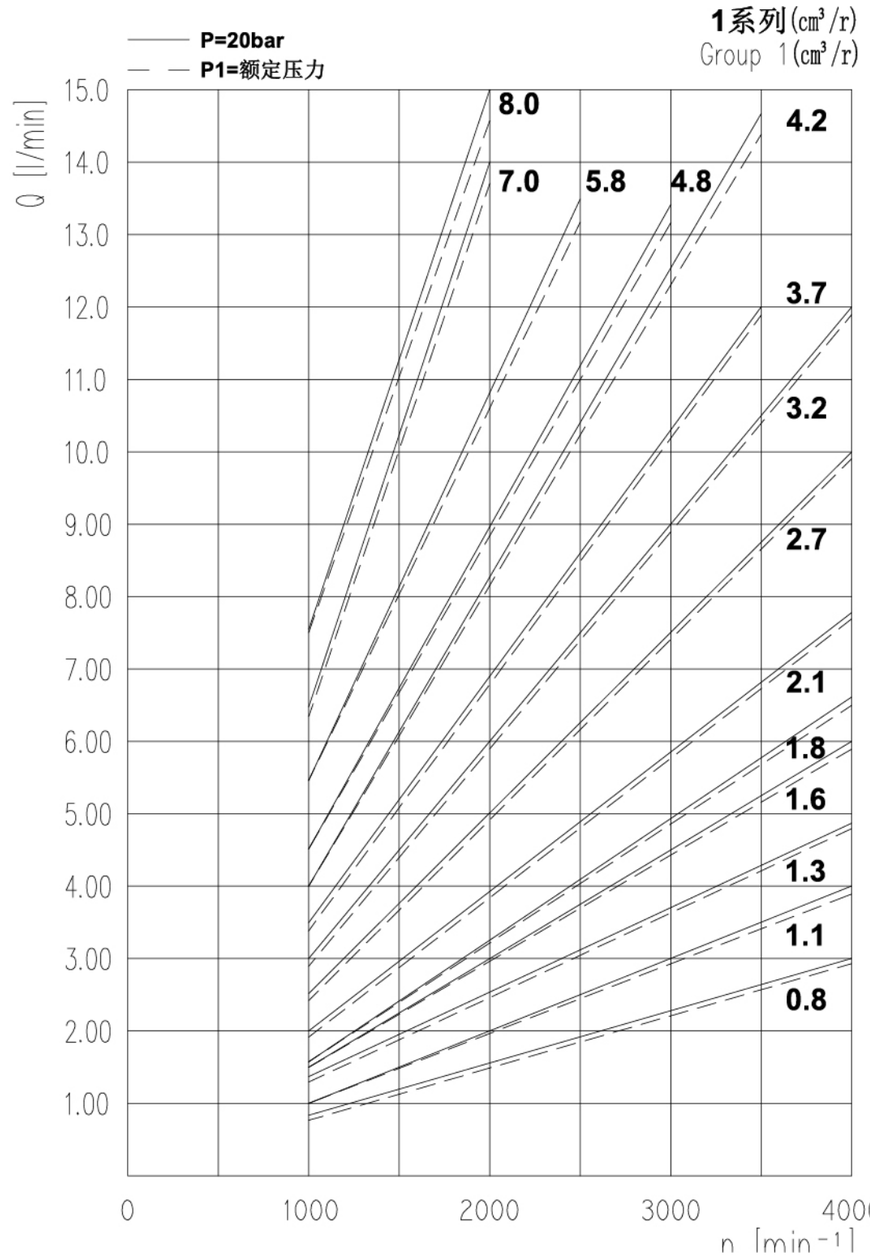
排量 Displacement	V	cm^3/rev	0.8	1.1	1.3	1.6	1.8	2.1	2.7	3.2	3.7	4.2	4.8	5.8	7.0	8.0
吸油绝对压力 Suction absolute pressure	Pe	bar	0.7...3													
最高连续压力 Max. continuous pressure	P1	bar	230							210			190		160	
最高间隙压力 Max. intermittent pressure	P2	bar	250							230			210		180	
最高峰值压力 Max. peak pressure	P3	bar	270							250			230		200	
最低转速 Min. speed	n_{Min}	r/min	1000						800				600			
最高转速 Max. speed	n_{Max}	r/min	6000							5000	4500		3500	3000	2500	2100
容积效率 Volumetric efficiency	η_v	%	≥90		≥91			≥92					≥93			

1E系列排量参数表/Group 1E Displacement parameter table

排量 Displacement	V	cm^3/rev	0.8	1.1	1.3	1.6	1.8	2.1	2.7	3.2	3.7	4.2	4.8	5.8
吸油绝对压力 Suction absolute pressure	Pe	bar	0.7...3											
最高连续压力 Max. continuous pressure	P1	bar	200										150	
最高间隙压力 Max. intermittent pressure	P2	bar	230										180	
最高峰值压力 Max. peak pressure	P3	bar	250										200	
最低转速 Min. speed	n_{Min}	r/min	1000						800				600	
最高转速 Max. speed	n_{Max}	r/min	4000										3500	3000
容积效率 Volumetric efficiency	η_v	%	≥90		≥91			≥92					≥93	

1系列/Group 1

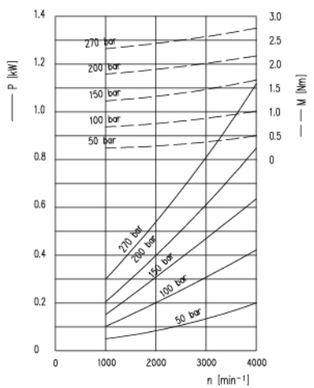
1系列流量性能曲线表/Group 1 Flow Performance Curve Table



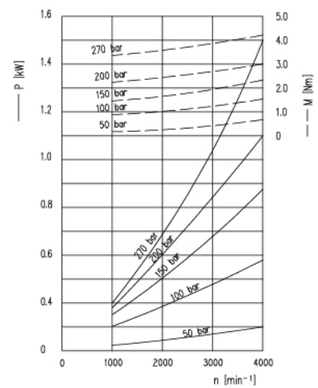
1系列/Group 1

1系列功率性能曲线表/Group 1 Power Performance Curve Table

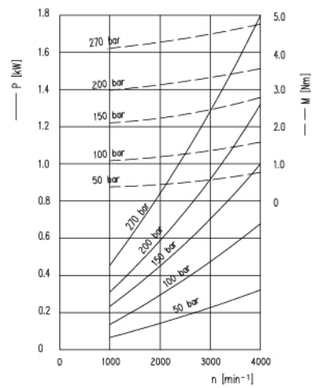
V=0.80cm³/r



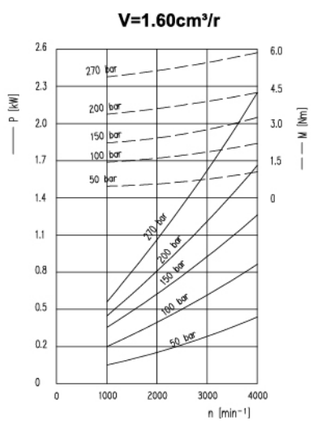
V=1.10cm³/r



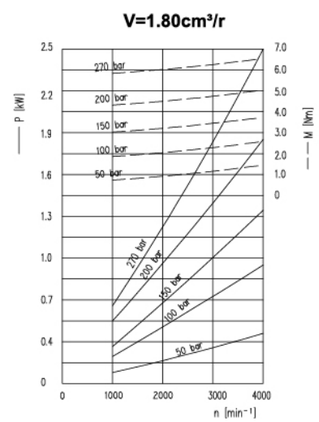
V=1.30cm³/r



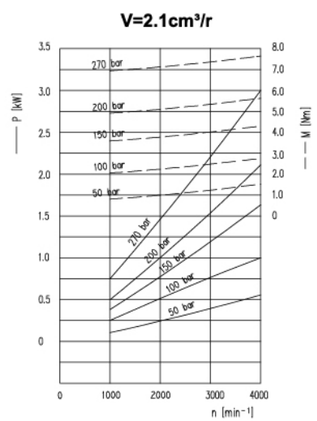
V=1.60cm³/r



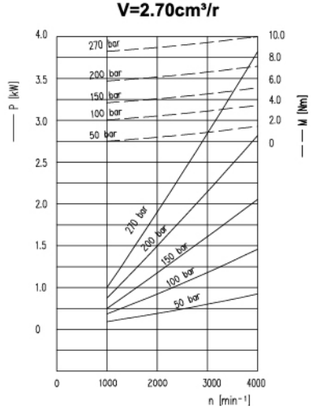
V=1.80cm³/r



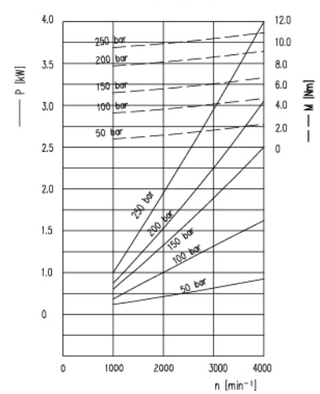
V=2.1cm³/r



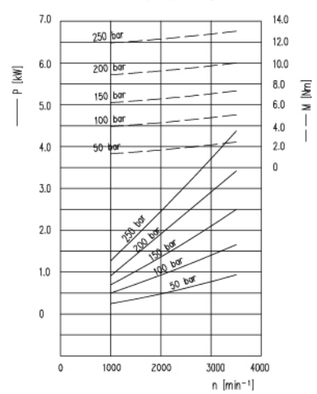
V=2.70cm³/r



V=3.20cm³/r



V=3.70cm³/r

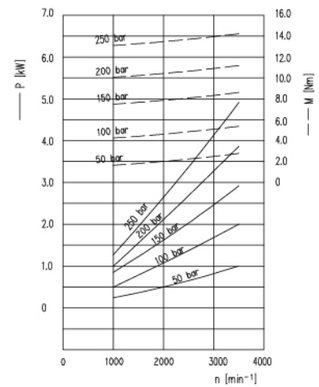


Boden博顿液压
HIGH PRESSURE GEAR PUMP

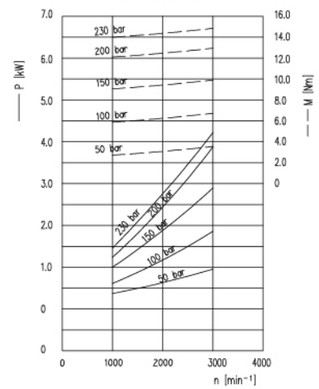
1系列/Group 1

1系列功率性能曲线表/Group 1 Power Performance Curve Table

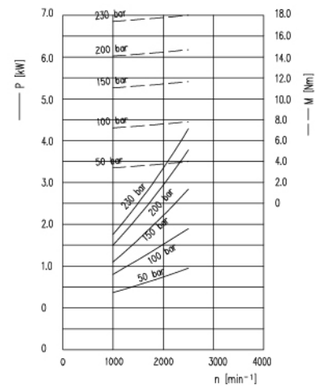
V=4.20cm³/r



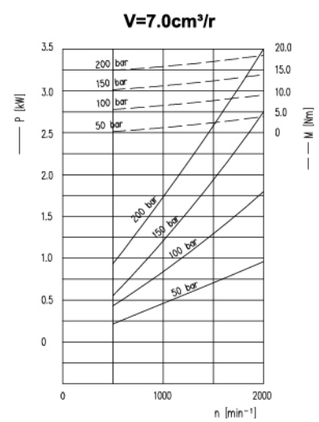
V=4.8cm³/r



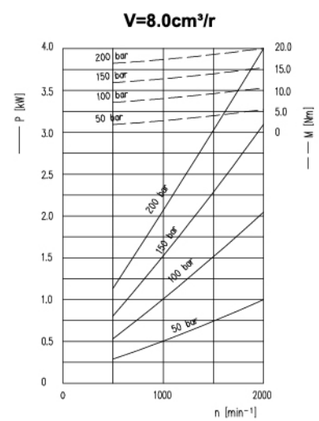
V=5.8cm³/r



V=7.0cm³/r



V=8.0cm³/r



1系列/Group 1

1系列噪音曲线表/Group 1 Noise Curve Table

噪音曲线

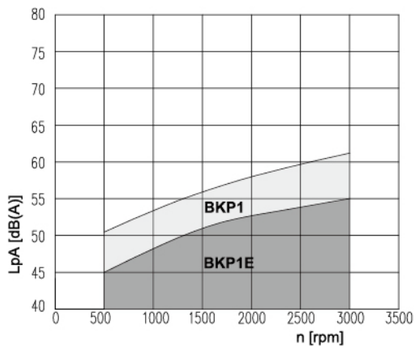
噪音等级取决于转速和压力范围；这个压力范围介于10 bar和压力值 P1之间。
The noise level depends on the speed and pressure range;This pressure range is between 10 bar and pressure value P1.

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

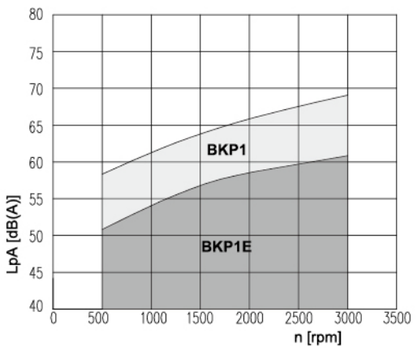
对于从吸声测量室测得的噪音值进行计算而得到的声音压力等级，符合 DIN 45635 第 26 章的要求。
The sound pressure level obtained by calculating the noise value measured from the sound absorption measuring room meets the requirements of Chapter 26 of DIN 45635.

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

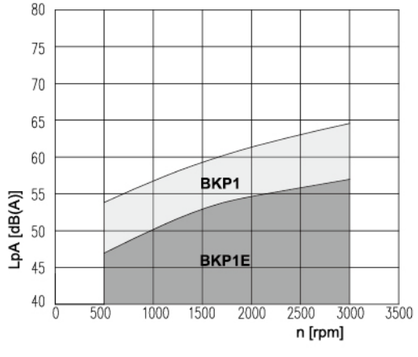
V=0.8-4.2cm³/r(10bar)



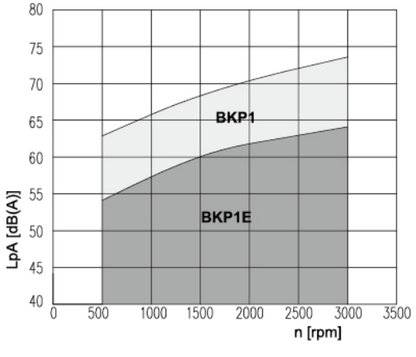
V=0.8-4.2cm³/r(P1)



V=4.8-8.0cm³/r(10bar)



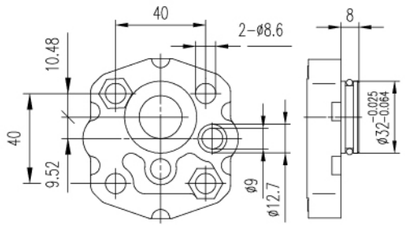
V=4.8-8.0cm³/r(P1)



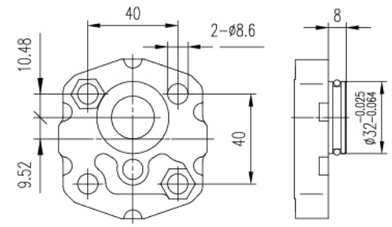
Boden博顿液压
HIGH PRESSURE GEAR PUMP

1系列/Group 1

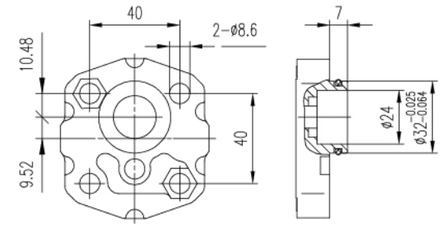
前盖/FRONT COVER



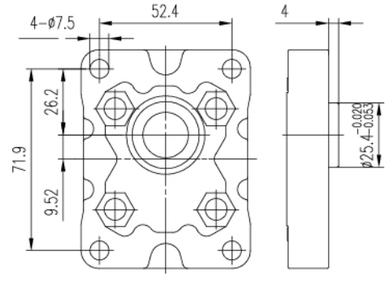
Q0



Q1

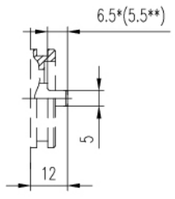


Q2



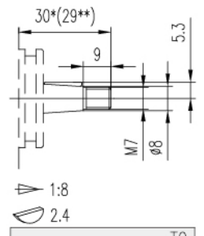
B0

轴伸/SHAFTS



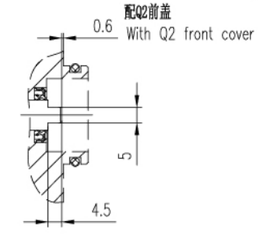
C0

最大扭矩 20 Nm
Max.Torque



T0

最大扭矩 25 Nm
Max.Torque



G1

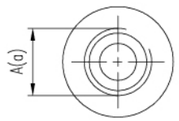
最大扭矩 20 Nm
Max.Torque

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

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

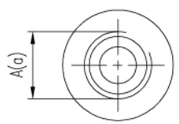
1系列/Group 1

泵体油口/PORTS



L2/L3

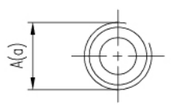
油口代号 PORTS CODE	排量 Displacement	进油口 INLET	出油口 OUTLET
	(cm^3/rev)	A	a
L2	0.8...8.0	G3/8	G1/4
L3	0.8...8.0	G3/8	G3/8



O型圈密封
O-ring

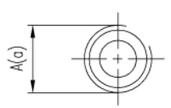
U0

油口代号 PORTS CODE	排量 Displacement	进油口 INLET	出油口 OUTLET
	(cm^3/rev)	A	a
U0	0.8...8.0	3/4-16UNF	9/16-18UNF



Z0

油口代号 PORTS CODE	排量 Displacement	进油口 INLET	出油口 OUTLET
	(cm^3/rev)	A	a
Z0	0.8...8.0	M18X1.5	M14X1.5



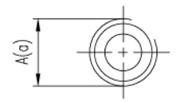
N1

油口代号 PORTS CODE	排量 Displacement	进油口 INLET	出油口 OUTLET
	(cm^3/rev)	A	a
N1	0.8...8.0	3/8NPT	3/8NPT

Boden博顿液压
HIGH PRESSURE GEAR PUMP

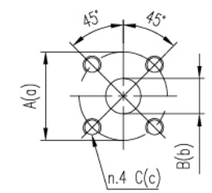
1系列/Group 1

泵体油口/PORTS



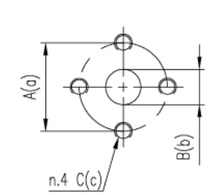
R0/R1

油口代号 PORTS CODE	排量 Displacement	进油口 INLET	出油口 OUTLET
	(cm^3/rev)	A	a
R0	0.8...8.0	PT1/2	PT1/2
R1	0.8...8.0	PT3/8	PT3/8



F0

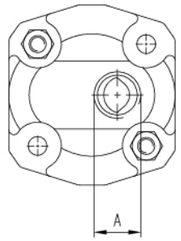
油口代号 PORTS CODE	排量 Displacement	进油口 INLET			出油口 OUTLET		
	(cm^3/rev)	A	B	C	a	b	c
F0	0.8...8.0	30	12	M6	30	12	M6



E0

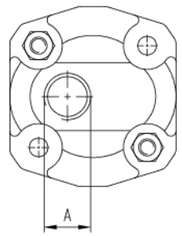
油口代号 PORTS CODE	排量 Displacement	进油口 INLET			出油口 OUTLET		
	(cm^3/rev)	A	B	C	a	b	c
E0	0.8...8.0	30	12	M6	30	12	M6

特殊结构/SPECIAL STRUCTRE



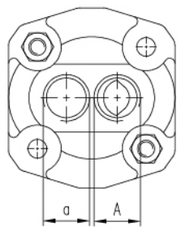
_J_

代号 CODE	进油口 INLET
	A
LJ1	G3/8
MJ1	M18X1.5
UJ1	9/16-18UNF



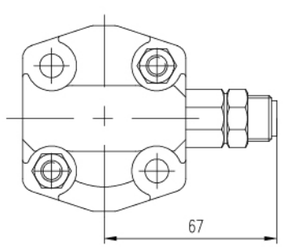
_C_

代号 CODE	出油口 OUTLET
	A
LC0	G1/4
MC0	M14X1.5
UC1	9/16-18UNF



L2/U0/Z0

代号 CODE	进油口 INLET	出油口 OUTLET
	A	a
L2	G3/8	G1/4
U0	3/4-16UNF	9/16-18UNF
Z0	M18X1.5	M14X1.5



YF1

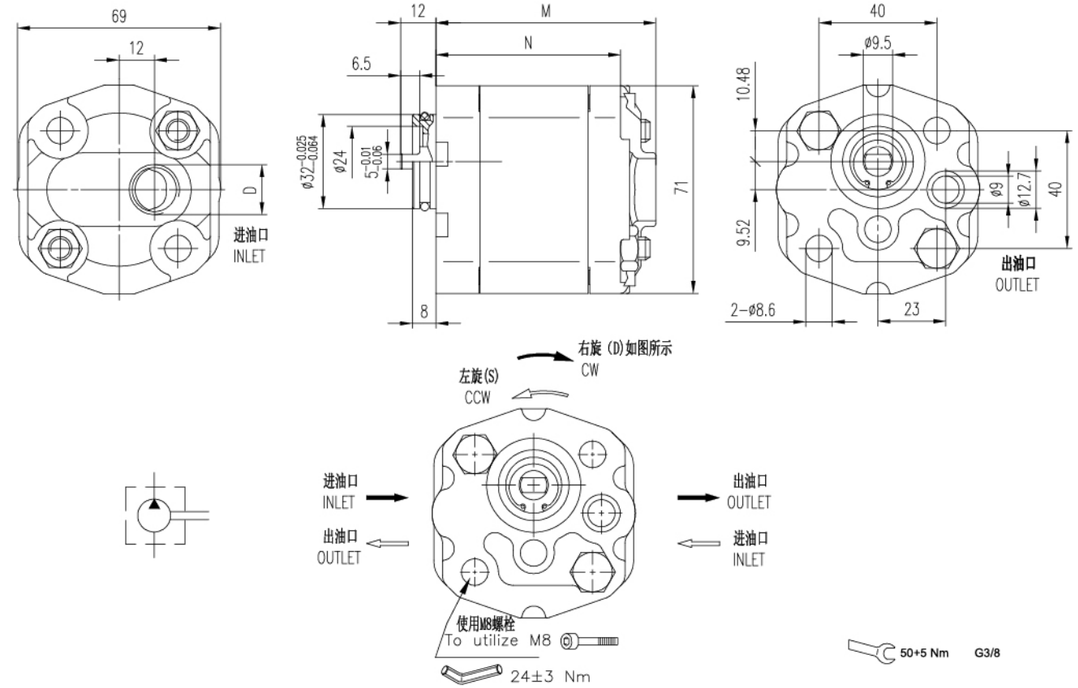
代号 CODE	压力 Pressure
	bar
YF1	25...180

Boden博顿液压
HIGH PRESSURE GEAR PUMP

1系列/Group 1

1系列标准型产品尺寸/Group 1 Standard Product Dimensions

BKP1-Q0-D-0.8-G0-X-LJ1

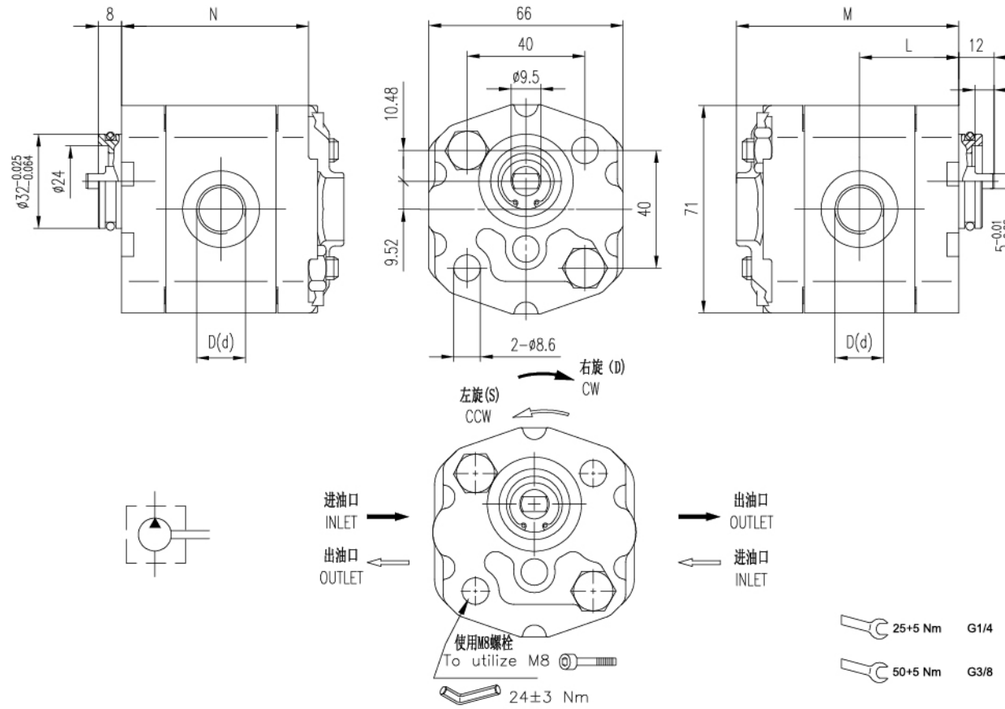


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET
	P1	P2	P3				M	N		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		
0.8	230	250	270	6000	1000	0.76	73.5	61.5	LJ1	G3/8
1.1	230	250	270	6000	1000	0.77	74	62	LJ1	G3/8
1.3	230	250	270	6000	1000	0.78	75	63	LJ1	G3/8
1.6	230	250	270	6000	1000	0.79	76	64	LJ1	G3/8
1.8	230	250	270	6000	1000	0.81	77	65	LJ1	G3/8
2.1	230	250	270	6000	1000	0.82	78	66	LJ1	G3/8
2.7	230	250	270	6000	800	0.85	80	68	LJ1	G3/8
3.2	210	230	250	5000	800	0.87	82	70	LJ1	G3/8
3.7	210	230	250	4500	800	0.90	84	72	LJ1	G3/8
4.2	210	230	250	4000	800	0.93	86	74	LJ1	G3/8
4.8	190	210	230	3500	600	0.95	88	76	LJ1	G3/8
5.8	190	210	230	3000	600	1.02	92	80	LJ1	G3/8
7.0	160	180	200	2500	600	1.07	96	84	LJ1	G3/8
8.0	160	180	200	2100	600	1.13	100	88	LJ1	G3/8

1系列/Group 1

1系列标准型产品尺寸/Group 1 Standard Product Dimensions

BKP1-Q1-D-0.8-G0-L2

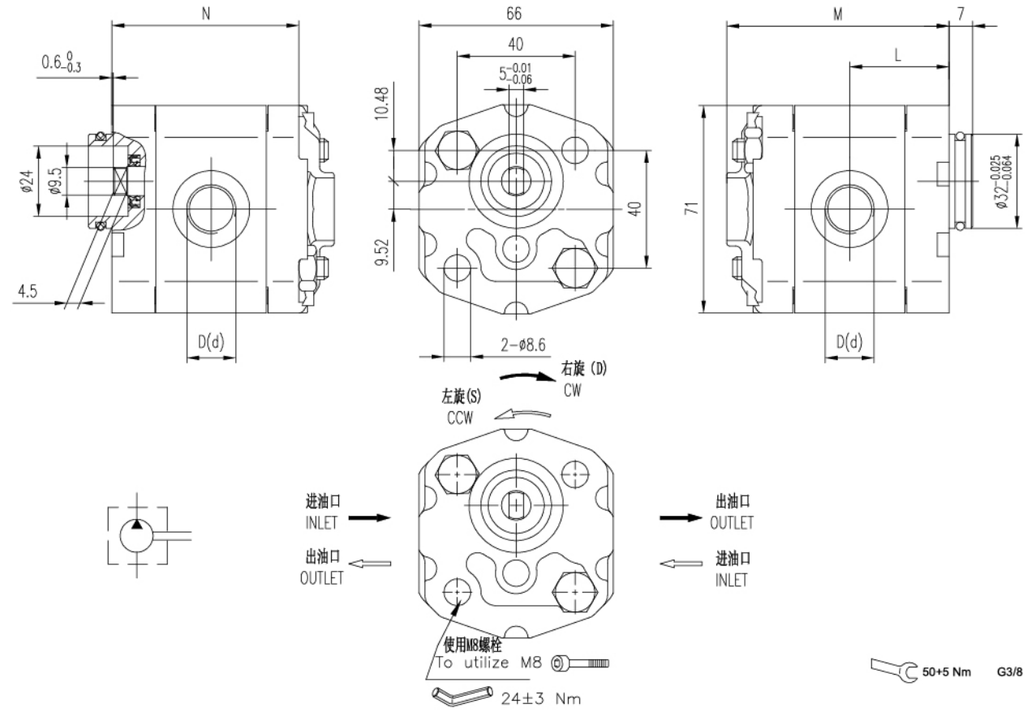


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions			油口代码 Oil port code	进油口 INLET	出油口 OUTLET
	P1	P2	P3				M	N	L		D	d
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm	mm			
0.8	230	250	270	6000	1000	0.76	73.5	61.5	32.8	L2	G3/8	G1/4
1.1	230	250	270	6000	1000	0.77	74	62	33	L2	G3/8	G1/4
1.3	230	250	270	6000	1000	0.78	75	63	33.5	L2	G3/8	G1/4
1.6	230	250	270	6000	1000	0.79	76	64	34	L2	G3/8	G1/4
1.8	230	250	270	6000	1000	0.81	77	65	34.5	L2	G3/8	G1/4
2.1	230	250	270	6000	1000	0.82	78	66	35	L2	G3/8	G1/4
2.7	230	250	270	6000	800	0.85	80	68	36	L2	G3/8	G1/4
3.2	210	230	250	5000	800	0.87	82	70	37	L2	G3/8	G1/4
3.7	210	230	250	4500	800	0.90	84	72	38	L2	G3/8	G1/4
4.2	210	230	250	4000	800	0.93	86	74	39	L2	G3/8	G1/4
4.8	190	210	230	3500	600	0.95	88	76	40	L2	G3/8	G1/4
5.8	190	210	230	3000	600	1.02	92	80	42	L2	G3/8	G1/4
7.0	160	180	200	2500	600	1.07	96	84	44	L2	G3/8	G1/4
8.0	160	180	200	2100	600	1.13	100	88	46	L2	G3/8	G1/4

1系列/Group 1

1系列标准型产品尺寸/Group 1 Standard Product Dimensions

BKP1-Q2-D-0.8-G1-L3

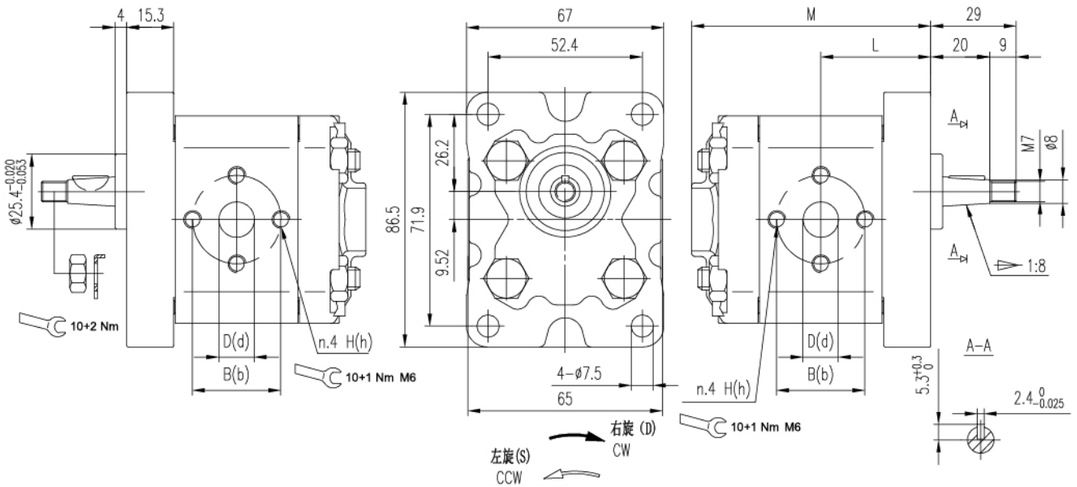


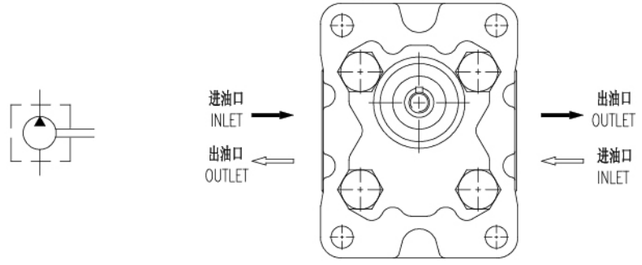
排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions			油口代码 Oil port code	进油口 INLET	出油口 OUTLET
	P1	P2	P3				M	N	L		D	d
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm	mm			
0.8	230	250	270	6000	1000	0.76	73.5	61.5	32.8	L3	G3/8	G3/8
1.1	230	250	270	6000	1000	0.77	74	62	33	L3	G3/8	G3/8
1.3	230	250	270	6000	1000	0.78	75	63	33.5	L3	G3/8	G3/8
1.6	230	250	270	6000	1000	0.79	76	64	34	L3	G3/8	G3/8
1.8	230	250	270	6000	1000	0.81	77	65	34.5	L3	G3/8	G3/8
2.1	230	250	270	6000	1000	0.82	78	66	35	L3	G3/8	G3/8
2.7	230	250	270	6000	800	0.85	80	68	36	L3	G3/8	G3/8
3.2	210	230	250	5000	800	0.87	82	70	37	L3	G3/8	G3/8
3.7	210	230	250	4500	800	0.90	84	72	38	L3	G3/8	G3/8
4.2	210	230	250	4000	800	0.93	86	74	39	L3	G3/8	G3/8
4.8	190	210	230	3500	600	0.95	88	76	40	L3	G3/8	G3/8
5.8	190	210	230	3000	600	1.02	92	80	42	L3	G3/8	G3/8
7.0	160	180	200	2500	600	1.07	96	84	44	L3	G3/8	G3/8
8.0	160	180	200	2100	600	1.13	100	88	46	L3	G3/8	G3/8

1系列/Group 1

1系列标准型产品尺寸/Group 1 Standard Product Dimensions

BKP1-B0-D-0.8-T0-E0



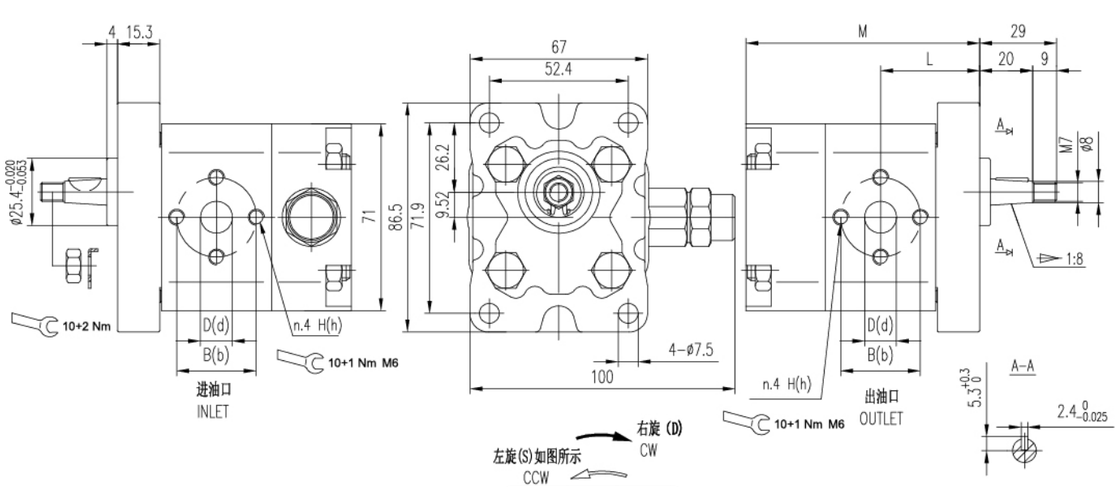


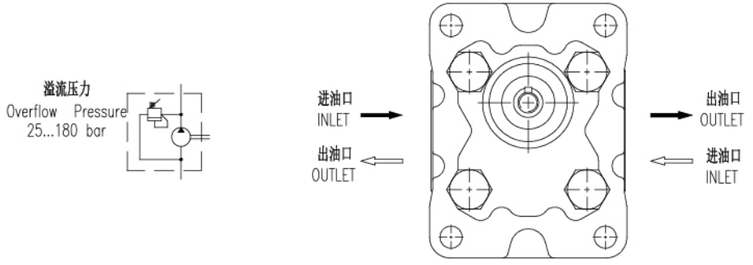
排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET			出油口 OUTLET		
	P1	P2	P3				M	L		B	D	H	b	d	h
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm	mm		mm	mm	
0.8	230	250	270	6000	1000	0.86	74.5	33.8	F0	30	12	M6	30	12	M6
1.1	230	250	270	6000	1000	0.88	75	34	F0	30	12	M6	30	12	M6
1.3	230	250	270	6000	1000	0.90	76	34.5	F0	30	12	M6	30	12	M6
1.6	230	250	270	6000	1000	0.92	77	35	F0	30	12	M6	30	12	M6
1.8	230	250	270	6000	1000	0.94	78	35.5	E0	30	12	M6	30	12	M6
2.1	230	250	270	6000	1000	0.96	79	36	E0	30	12	M6	30	12	M6
2.7	230	250	270	6000	800	0.988	81	37	E0	30	12	M6	30	12	M6
3.2	210	230	250	5000	800	1.016	83	38	E0	30	12	M6	30	12	M6
3.7	210	230	250	4500	800	1.044	85	39	E0	30	12	M6	30	12	M6
4.2	210	230	250	4000	800	1.072	87	40	E0	30	12	M6	30	12	M6
4.8	190	210	230	3500	600	1.1	89	41	E0	30	12	M6	30	12	M6
5.8	190	210	230	3000	600	1.156	93	43	E0	30	12	M6	30	12	M6
7.0	160	180	200	2500	600	1.212	97	45	E0	30	12	M6	30	12	M6
8.0	160	180	200	2100	600	1.268	101	47	E0	30	12	M6	30	12	M6

1系列/Group 1

1系列标准型产品尺寸/Group 1 Standard Product Dimensions

BKP1-B0-S-0.8-T0-E0-YF1-P180



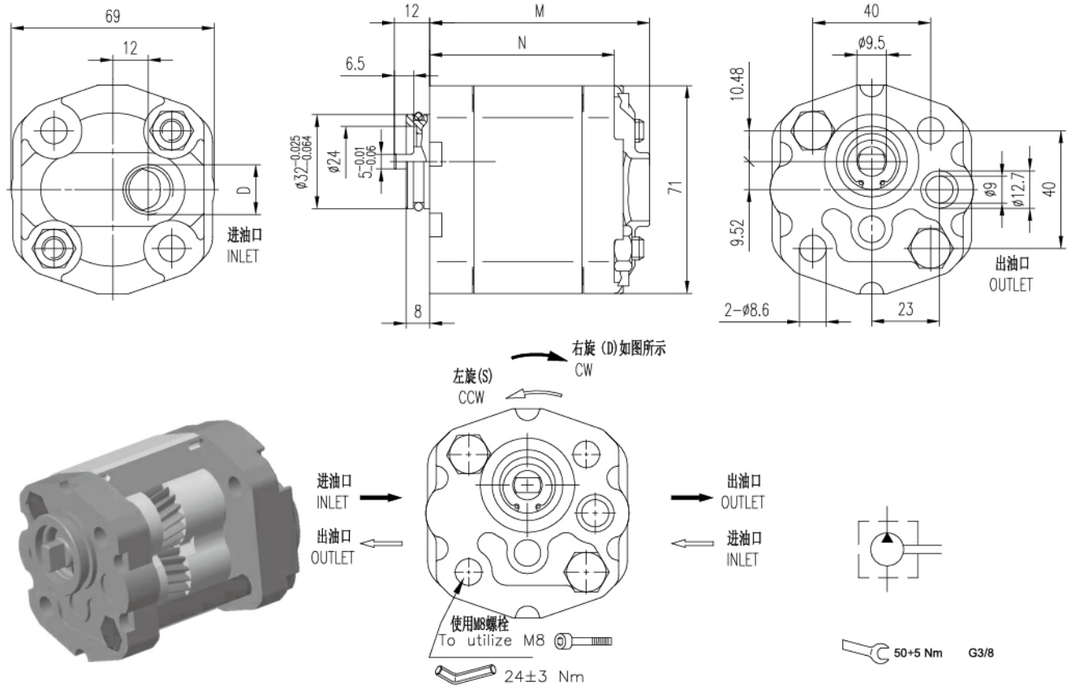


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET			出油口 OUTLET		
	P1	P2	P3				M	L		B	D	H	b	d	h
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm	mm		mm	mm	
0.8	230	250	270	6000	1000	0.86	83.5	33.8	F0	30	12	M6	30	12	M6
1.1	230	250	270	6000	1000	0.88	84	34	F0	30	12	M6	30	12	M6
1.3	230	250	270	6000	1000	0.90	85	34.5	F0	30	12	M6	30	12	M6
1.6	230	250	270	6000	1000	0.92	86	35	F0	30	12	M6	30	12	M6
1.8	230	250	270	6000	1000	0.94	87	35.5	E0	30	12	M6	30	12	M6
2.1	230	250	270	6000	1000	0.96	88	36	E0	30	12	M6	30	12	M6
2.7	230	250	270	6000	800	0.988	90	37	E0	30	12	M6	30	12	M6
3.2	210	230	250	5000	800	1.016	92	38	E0	30	12	M6	30	12	M6
3.7	210	230	250	4500	800	1.044	94	39	E0	30	12	M6	30	12	M6
4.2	210	230	250	4000	800	1.072	96	40	E0	30	12	M6	30	12	M6
4.8	190	210	230	3500	600	1.1	98	41	E0	30	12	M6	30	12	M6
5.8	190	210	230	3000	600	1.156	102	43	E0	30	12	M6	30	12	M6
7.0	160	180	200	2500	600	1.212	106	45	E0	30	12	M6	30	12	M6
8.0	160	180	200	2100	600	1.268	110	47	E0	30	12	M6	30	12	M6

1E系列/Group 1E

1E系列标准型产品尺寸/Group 1E Standard Product Dimensions

BKP1E-Q0-D-0.8-G0-X-LJ1



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	N		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		
0.8	200	230	250	4000	1000	0.80	74.5	62.5	LJ1	G3/8
1.1	200	230	250	4000	1000	0.81	75	63	LJ1	G3/8
1.3	200	230	250	4000	1000	0.82	76.2	64.2	LJ1	G3/8
1.6	200	230	250	4000	1000	0.84	77.7	65.7	LJ1	G3/8
1.8	200	230	250	4000	1000	0.85	78.7	66.7	LJ1	G3/8
2.1	200	230	250	4000	1000	0.87	80	68	LJ1	G3/8
2.7	200	230	250	4000	800	0.90	83	71	LJ1	G3/8
3.2	200	230	250	4000	800	0.93	85.4	73.4	LJ1	G3/8
3.7	200	230	250	4000	800	0.95	87.8	75.8	LJ1	G3/8
4.2	200	230	250	4000	800	0.97	90.2	78.2	LJ1	G3/8
4.8	150	180	200	3500	600	1.00	93	81	LJ1	G3/8
5.8	150	180	200	3000	600	1.08	98	86	LJ1	G3/8

1.2系列/Group 1.2

1.2系列选型规则/Group 1.2 Ordering Code Rules

B	A	P	1.2B	Q5	D	0.8	G1	L3	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

- 材质 Material: 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
- 功能 Function: P 泵 Pump
- 系列 Group: 1.2 1.2系列 Group1.2; 1.2B 1.2B系列 Group1.2B; 1.2E 1.2E系列 Group1.2E
- 旋向 Rotation: D 顺时针转 Clockwise; S 逆时针转 Counter clockwise; R 可正反转 Reversible
- 排量 Displacement: 0.8 / 1.2 / 1.7 / 2.5 / 3.2 / 4.3 / 5 / 6 / 6.5 / 7.8 / 8.5 / 10 / 12
- 其他 Other: 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 — 1.2系列/Group 1.2

- Q0 方形前盖（止口ϕ32） Square front cover (centering ϕ32mm)
- Q2 方形前盖（止口ϕ32） Square front cover (centering ϕ32mm)

详见 44 页 See page 44 for details

轴伸 Shaft — 1.2系列/Group 1.2

- G0 扁平轴 Tang shaft
- G4 扁平轴 Tang shaft

详见 44 页 See page 44 for details

前盖 Front cover — 1.2B系列/Group 1.2B

- Q5 方形前盖（止口ϕ45.2） Square front cover (centering ϕ45.2mm)

详见 44 页 See page 44 for details

轴伸 Shaft — 1.2B系列/Group 1.2B

- G1 扁平轴 Tang shaft
- G8 扁平轴 Tang shaft

详见 44 页 See page 44 for details

泵体油口 Ports

- 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
- X 泵体无油口 Body without ports

详见 44-45 页 See page 44-45 for details

特殊结构 Special structure — 1.2B系列/Group 1.2B

- 省略-默认普通 omit-regular

特殊结构 Special structure — 1.2系列/Group 1.2

- 省略-默认普通 omit-regular
- _J_ 后盖带进油口 Back cover with inlet
- Q_ 后盖带泄油口 Back cover with oil drain

详见 45 页 See page 45 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.