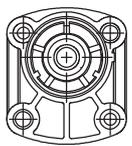
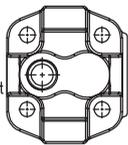
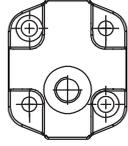
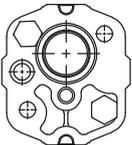
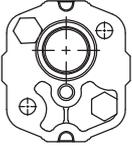
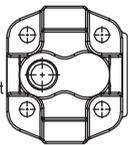
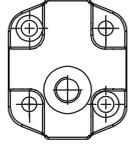


# 1.2系列/Group 1.2

## 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
	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	P 泵 Pump	1.2B系列 Group 1.2B  1.2F系列 Group 1.2F		D 顺时针转 Clockwise  S 逆时针转 Counter clockwise  R 可正反转 Reversible	0.8 1.2 1.7 2.5 3.2 4.3 5 6 6.5 7.8 8.5 10 12					特殊设计 special designing
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								可选项 Options 省略-温度范围在-10℃~+80℃, 进出口最高绝对压力为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 适用于进出口最大绝对压力为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.		

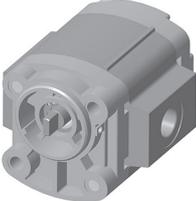
前盖 Front cover	轴伸 Shaft	泵体油口 Ports	特殊结构 Special structure
<b>1.2B系列/Group 1.2B</b>		<b>1.2B系列/Group 1.2B</b>	
<b>Q5</b> 方形前盖 (止口 $\phi 45.2$ ) Square front cover (centering $\phi 45.2\text{mm}$ )    详见 51 页 See page 51 for details	<b>G1</b> 扁平轴 Tang shaft    <b>G8</b> 扁平轴 Tang shaft    详见 51 页 See page 51 for details	<b>Z</b> 公制螺纹 (M) Metric thread   <b>L</b> 英制管螺纹 (G) Gas thread   <b>U</b> 美制管螺纹 (UNF-2B) UNF thread   <b>R</b> 英制锥螺纹 (PT) PT thread 	省略-默认普通 omit-regular  <b>J</b> 后盖带进油口 Back cover with inlet   <b>Q</b> 后盖带泄油口 Back cover with oil drain   详见 52 页 See page 52 for details
<b>1.2F系列/Group 1.2F</b>		<b>1.2F系列/Group 1.2F</b>	
<b>Q0</b> 方形前盖 (止口 $\phi 32$ ) Square front cover (centering $\phi 32\text{mm}$ )    <b>Q2</b> 方形前盖 (止口 $\phi 32$ ) Square front cover (centering $\phi 32\text{mm}$ )    详见 51 页 See page 51 for details	<b>G0</b> 扁平轴 Tang shaft    <b>G4</b> 扁平轴 Tang shaft    详见 51 页 See page 51 for details	<b>X</b> 泵体无油口 Body without ports   详见 51-52 页 See page 51-52 for details	省略-默认普通 omit-regular  <b>J</b> 后盖带进油口 Back cover with inlet   <b>Q</b> 后盖带泄油口 Back cover with oil drain   详见 52 页 See page 52 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.

## 1.2系列/Group 1.2

### 1.2系列标准型产品概览/Group 1.2 Standard Product Overview

型式 type			
页码 page	53	54	55

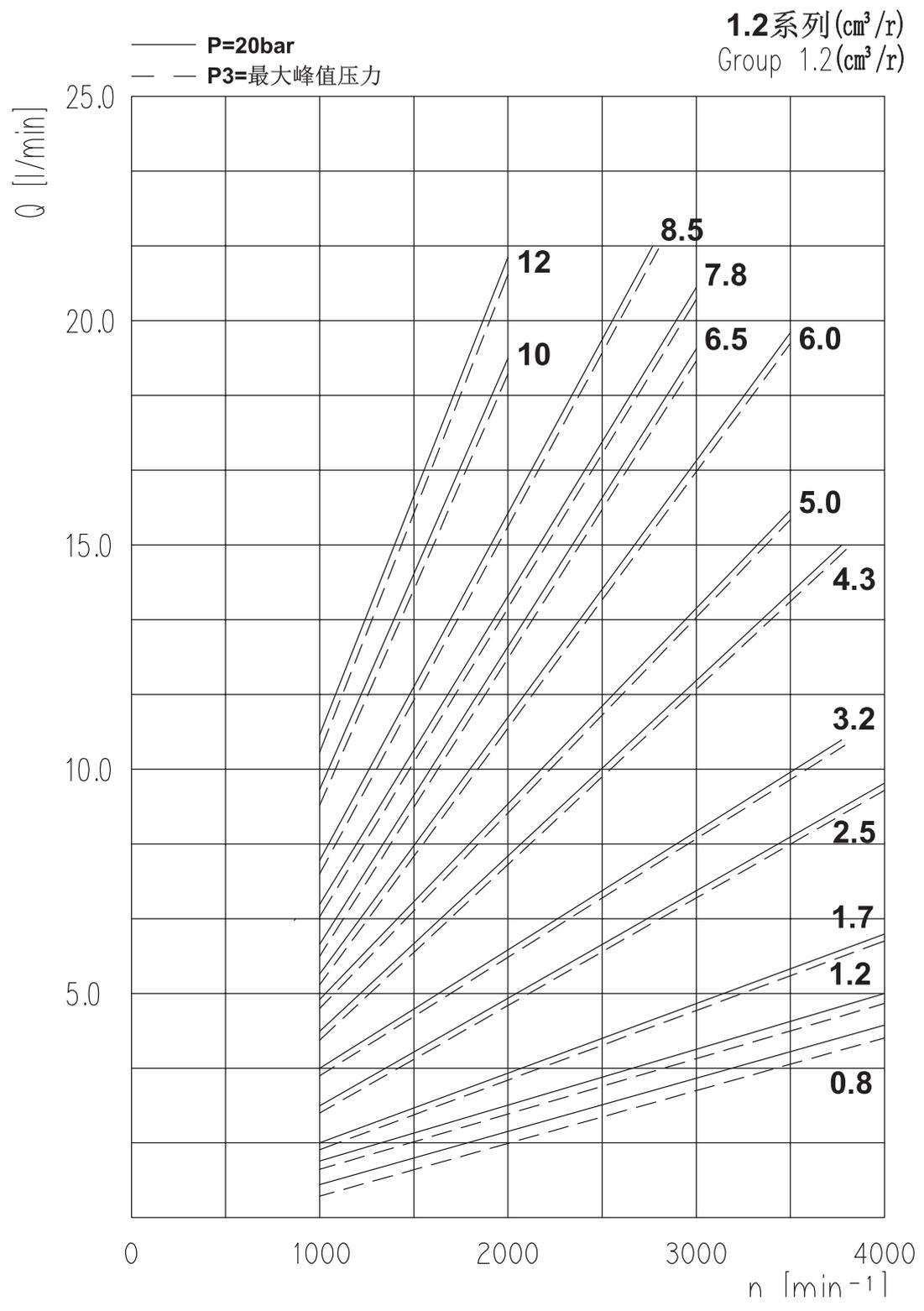
型式 type	
页码 page	56

### 1.2系列排量参数表/Group 1.2 Displacement parameter table

排量 Displacement	V	cm <sup>3</sup> /rev	0.8	1.2	1.7	2.5	3.2	4.3	5	6	6.5	7.8	8.5	10	12
吸油绝对压力 Suction absolute pressure	Pe	bar	0.7...3												
最高连续压力 Max. continuous pressure	P1		230			210			200		180	170	150		
最高间隙压力 Max. intermittent pressure	P2		250			230			220		200	190	175		
最高峰值压力 Max. peak pressure	P3		270			250			240		220	210	190		
最低转速 Min. speed	$\Omega_{min}$	r/min	800			700					500				
最高转速 Max. speed	$\Omega_{max}$		4000			3800		3500		3000		2800	2000		
容积效率 Volumetric efficiency	$\eta_v$	%	≥90		≥91			≥92					≥93	≥94	

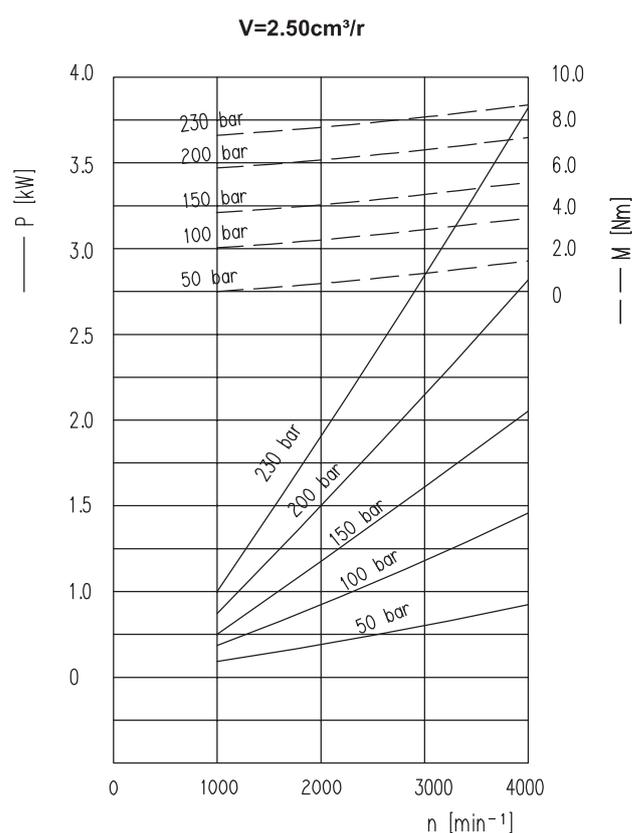
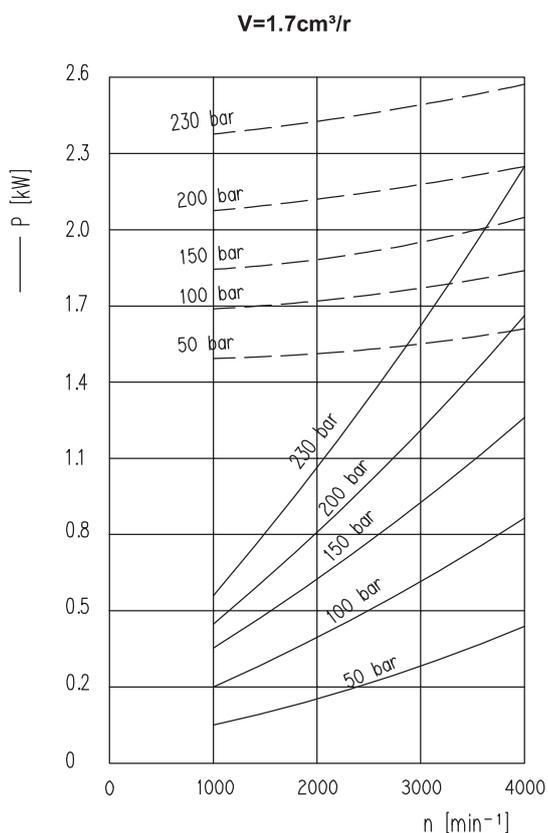
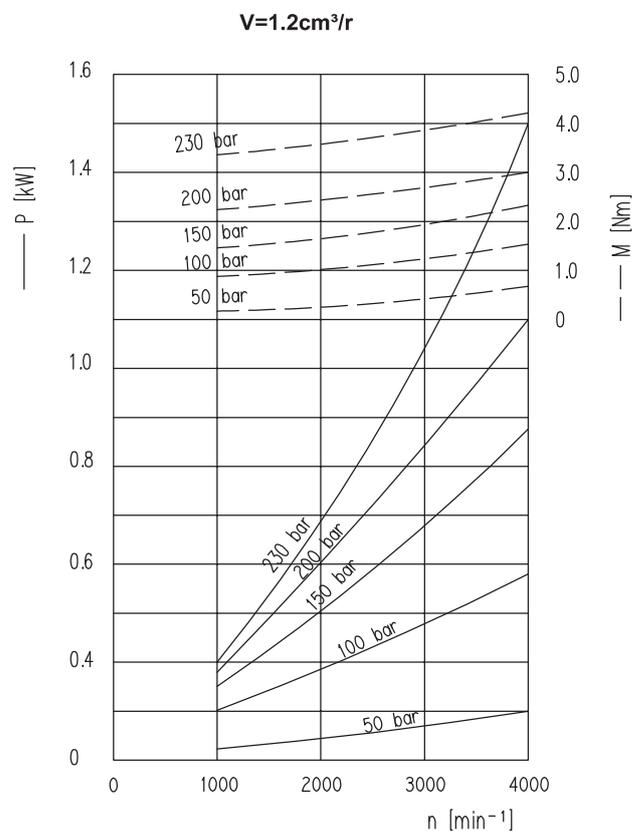
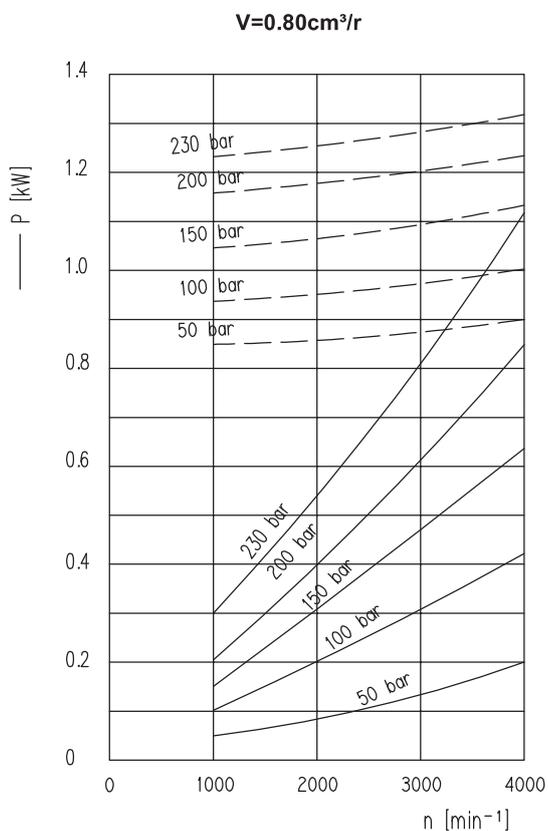
# 1.2系列/Group 1.2

1.2系列流量性能曲线表/Group 1.2 Flow Performance Curve Table



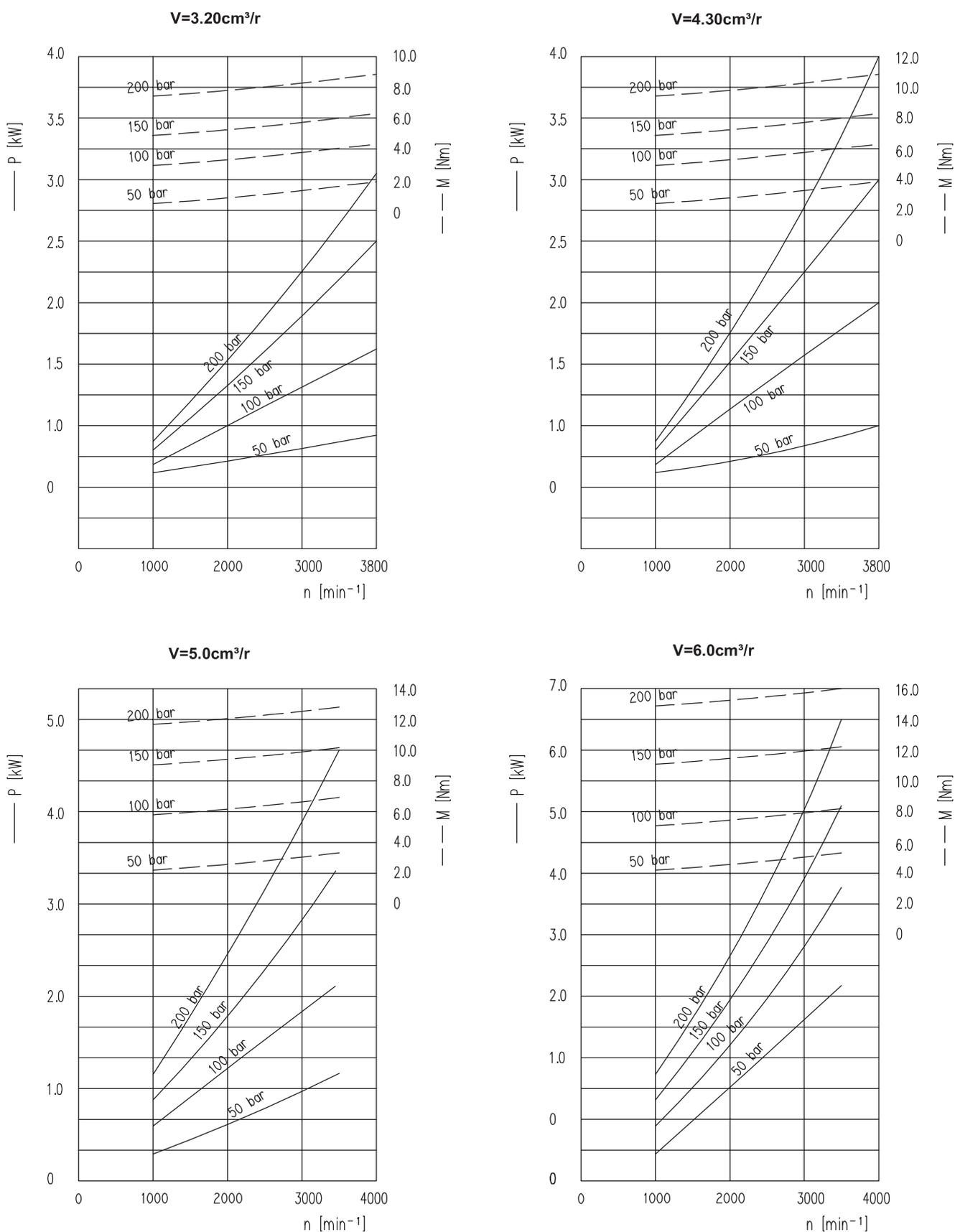
# 1.2系列/Group 1.2

1.2系列功率性能曲线表/Group 1.2 Power Performance Curve Table



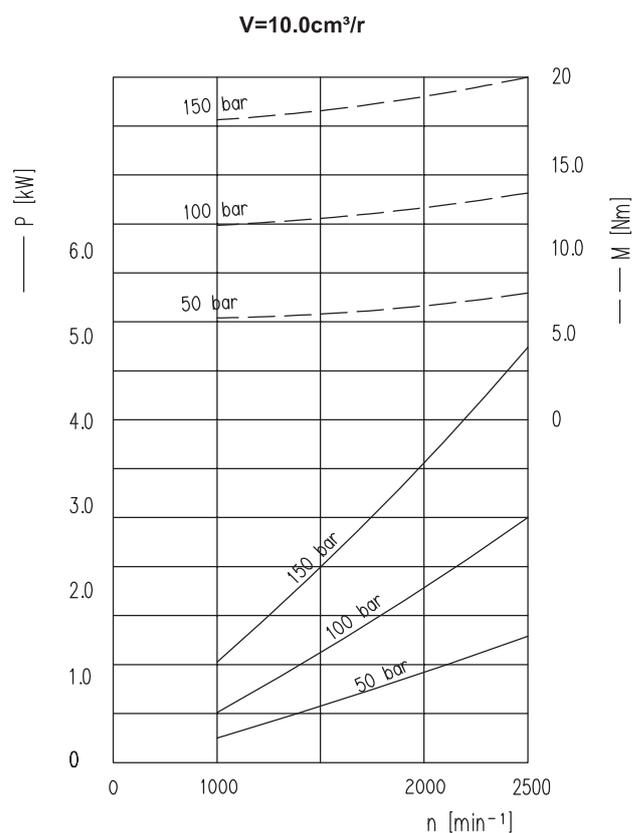
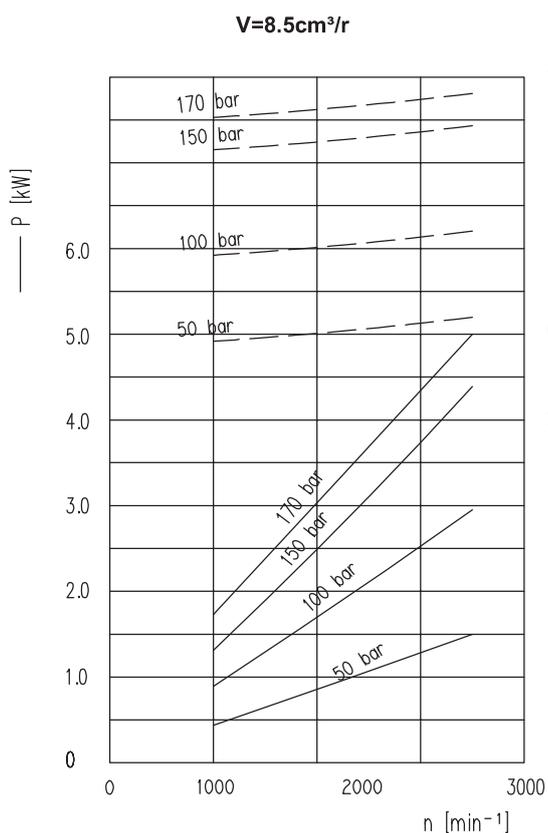
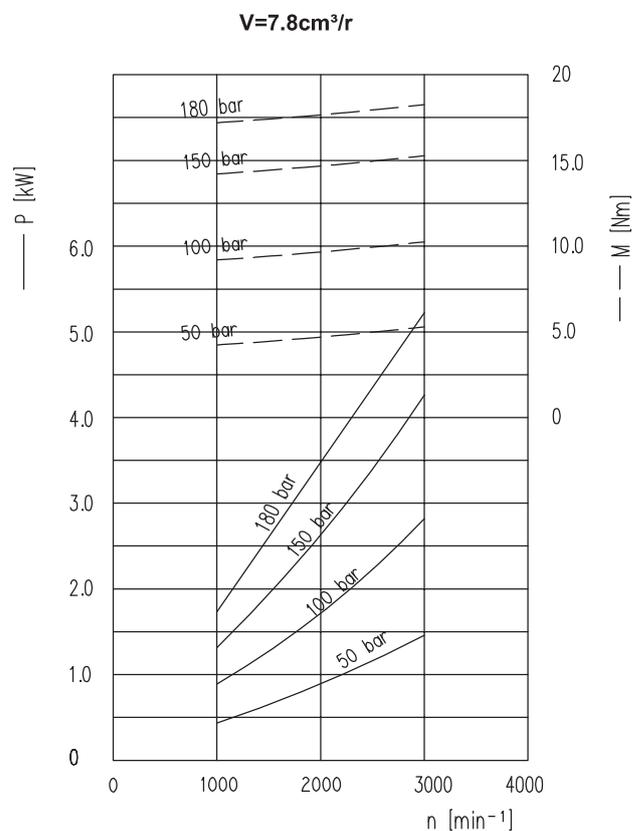
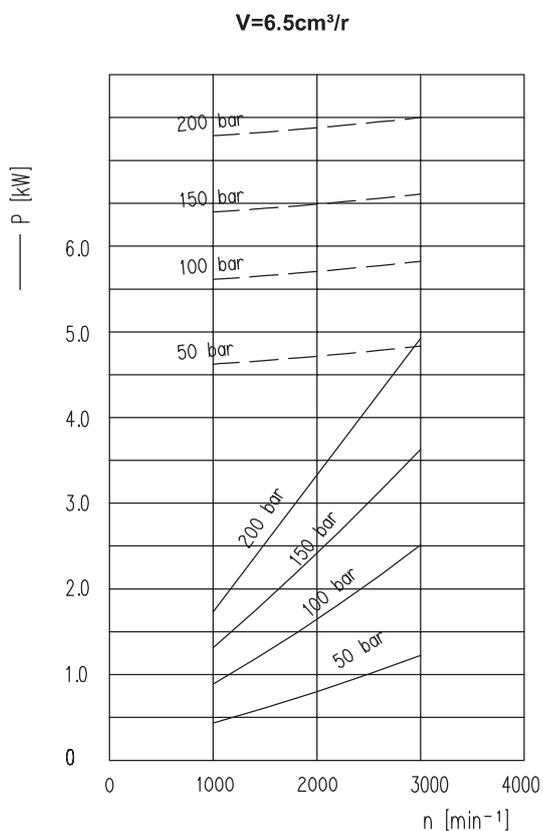
# 1.2系列/Group 1.2

1.2系列功率性能曲线表/Group 1.2 Power Performance Curve Table



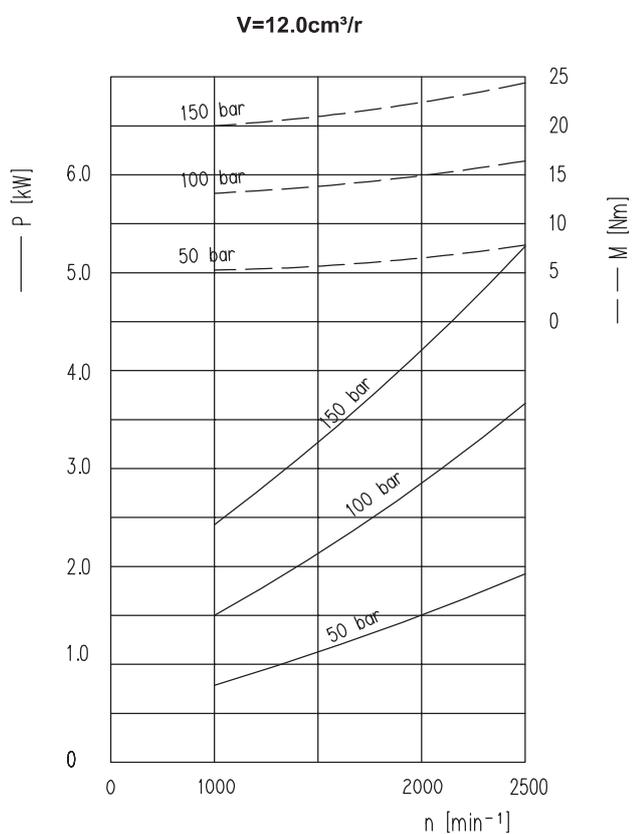
# 1.2系列/Group 1.2

1.2系列功率性能曲线表/Group 1.2 Power Performance Curve Table



# 1.2系列/Group 1.2

1.2系列功率性能曲线表/Group 1.2 Power Performance Curve Table



## 1.2系列/Group 1.2

### 1.2系列噪音曲线表/Group 1.2 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:  $v = 32 \text{ mm}^2/\text{s}$ ,  $\vartheta = 50^\circ\text{C}$ .

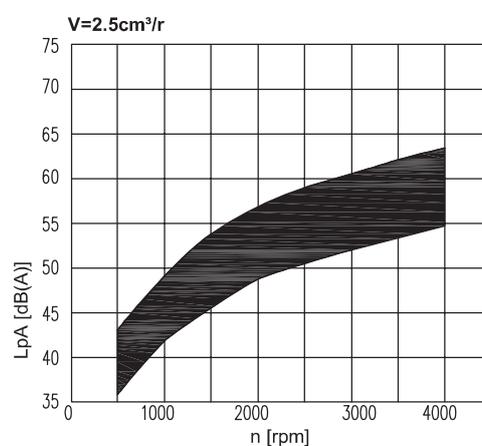
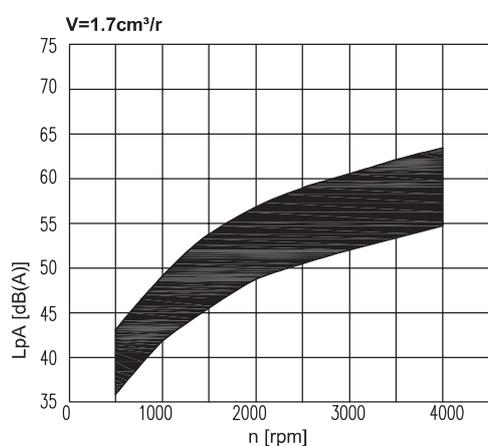
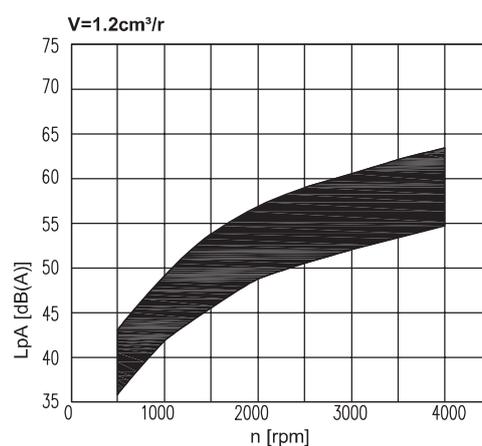
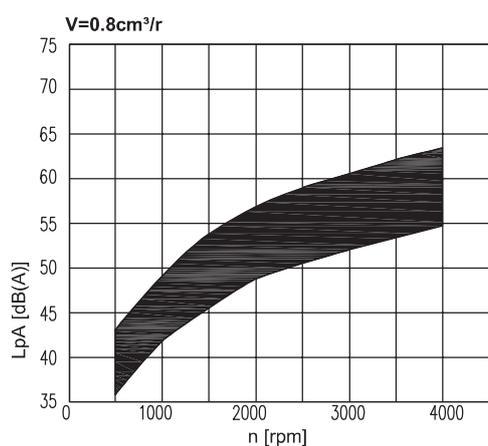
Oil data:  $V = 32 \text{ mm}^2/\text{s}$ ,  $\vartheta = 50^\circ\text{C}$ .

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.

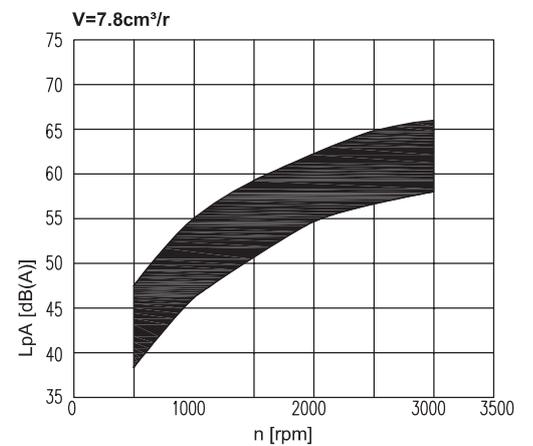
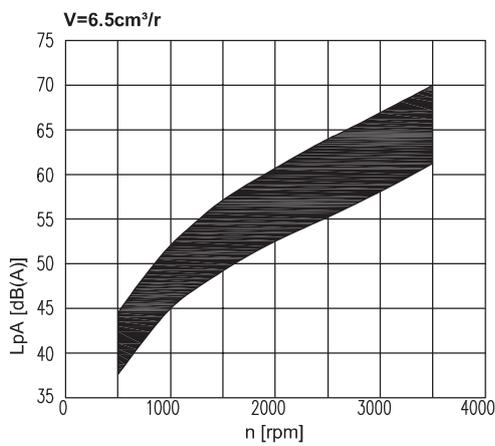
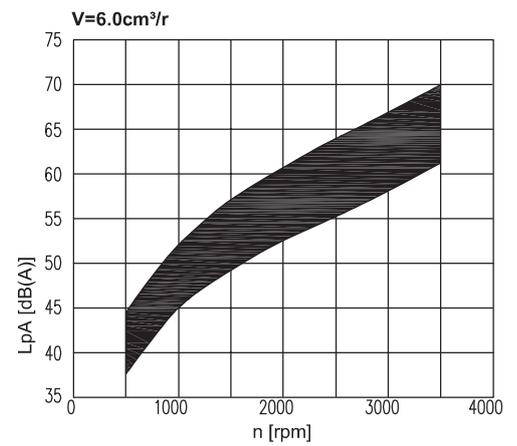
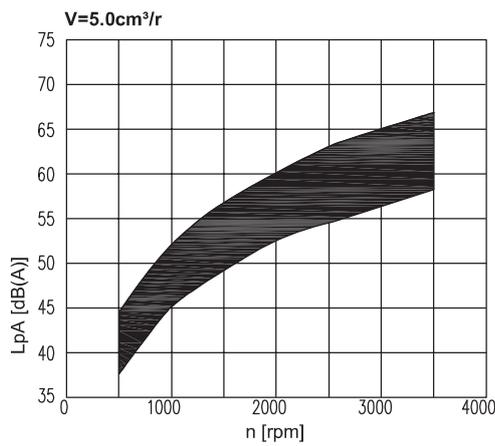
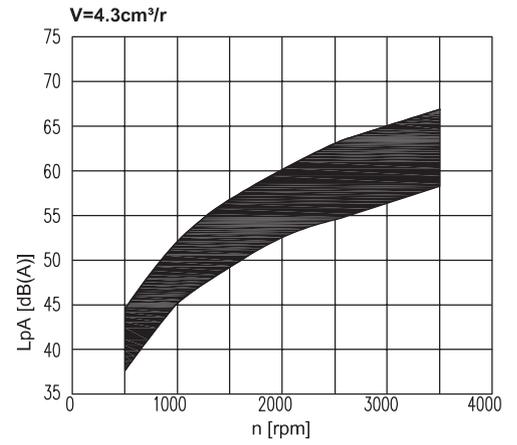
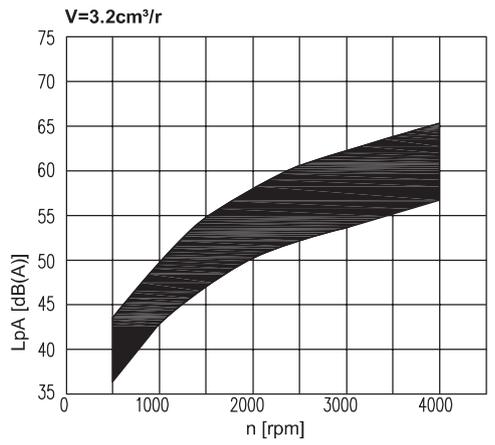
测量传感器与液压泵之间的距离：1 米。

Distance between measuring sensor and hydraulic pump: 1m.



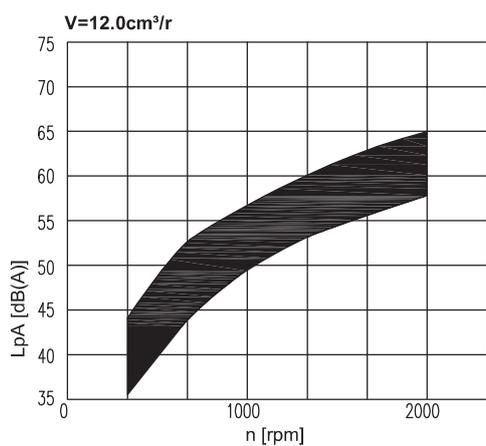
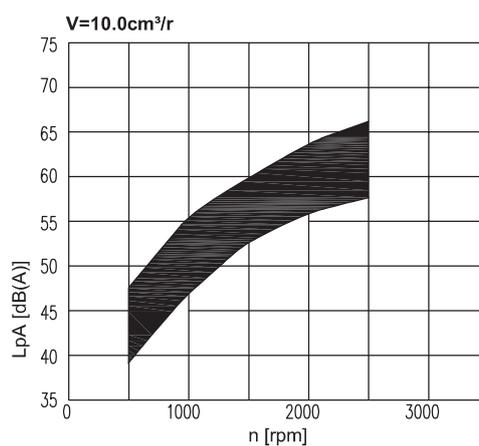
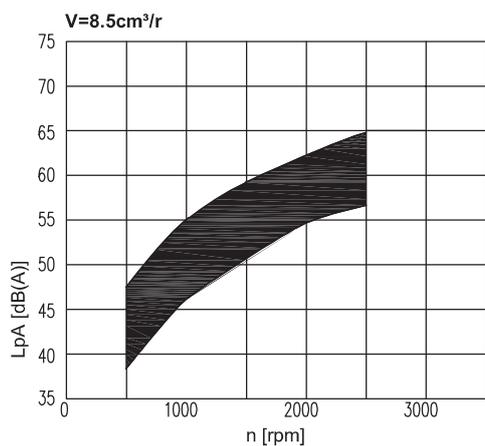
# 1.2系列/Group 1.2

1.2系列噪音曲线表/Group 1.2 Noise Curve Table



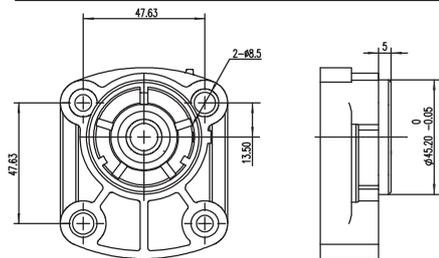
# 1.2系列/Group 1.2

1.2系列噪音曲线表/Group 1.2 Noise Curve Table

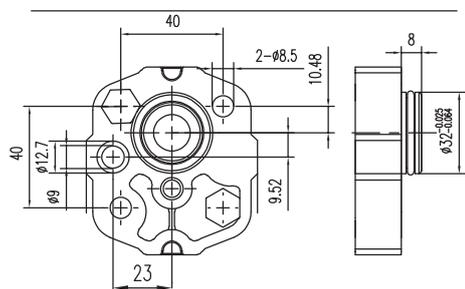


# 1.2系列/Group 1.2

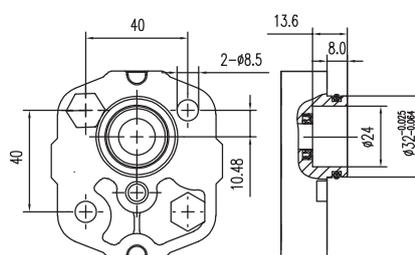
## 前盖/Front COVER



BAP1.2B Q5

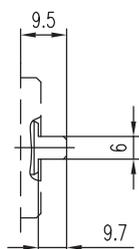


BAP1.2F Q0



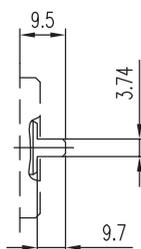
BAP1.2F Q2

## 轴伸/SHAFTS



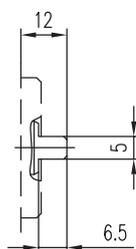
BAP1.2B G1

最大扭矩  
Max.Torque 30 Nm



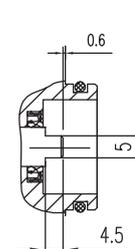
BAP1.2B G8

最大扭矩  
Max.Torque 20 Nm



BAP1.2F G0

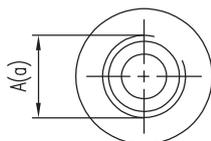
最大扭矩  
Max.Torque 25 Nm



BAP1.2F G4

最大扭矩  
Max.Torque 25 Nm

## 泵体油口/PORTS

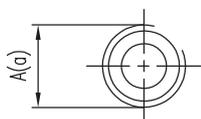


L1/L2/L3

油口代号 PORTS CODE	排量 Displacement (cm <sup>3</sup> /rev)	进油口 INLET	出油口 OUTLET
L1	0.8...3.2	A	a
L2	4.3...7.8	G3/8	G3/8
L3	8.5...12	G1/2	G1/2

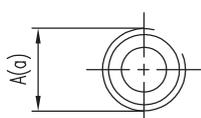
## 1.2系列/Group 1.2

### 泵体油口/PORTS



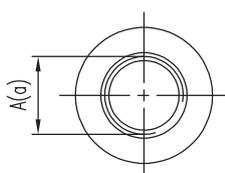
R0

油口代号 PORTS CODE	排量 Displacement (cm <sup>3</sup> /rev)	进油口 INLET	出油口 OUTLET
R0	0.8...12	PT1/2	PT1/2



Z1/Z3/Z5

油口代号 PORTS CODE	排量 Displacement (cm <sup>3</sup> /rev)	进油口 INLET	出油口 OUTLET
Z1	4.3..7.8	M18X1.5	M18X1.5
Z3	0.8...3.2	M16X1.5	M16X1.5
Z5	8.5...12	M22X1.5	M18X1.5

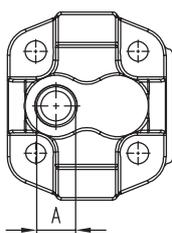


O型圈密封  
O-ring

U0

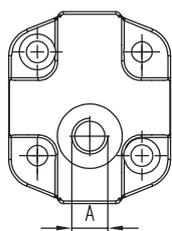
油口代号 PORTS CODE	排量 Displacement (cm <sup>3</sup> /rev)	进油口 INLET	出油口 OUTLET
U0	0.8...12	7/8-14 UNF	3/4-16 UNF

### 特殊结构/SPECIAL STRUCTRE



\_J\_

代号 CODE	排量 Displacement (cm <sup>3</sup> /rev)	进油口 INLET
LJ1	0.8...6.0	G3/8
LJ2	6.5..12	G1/2



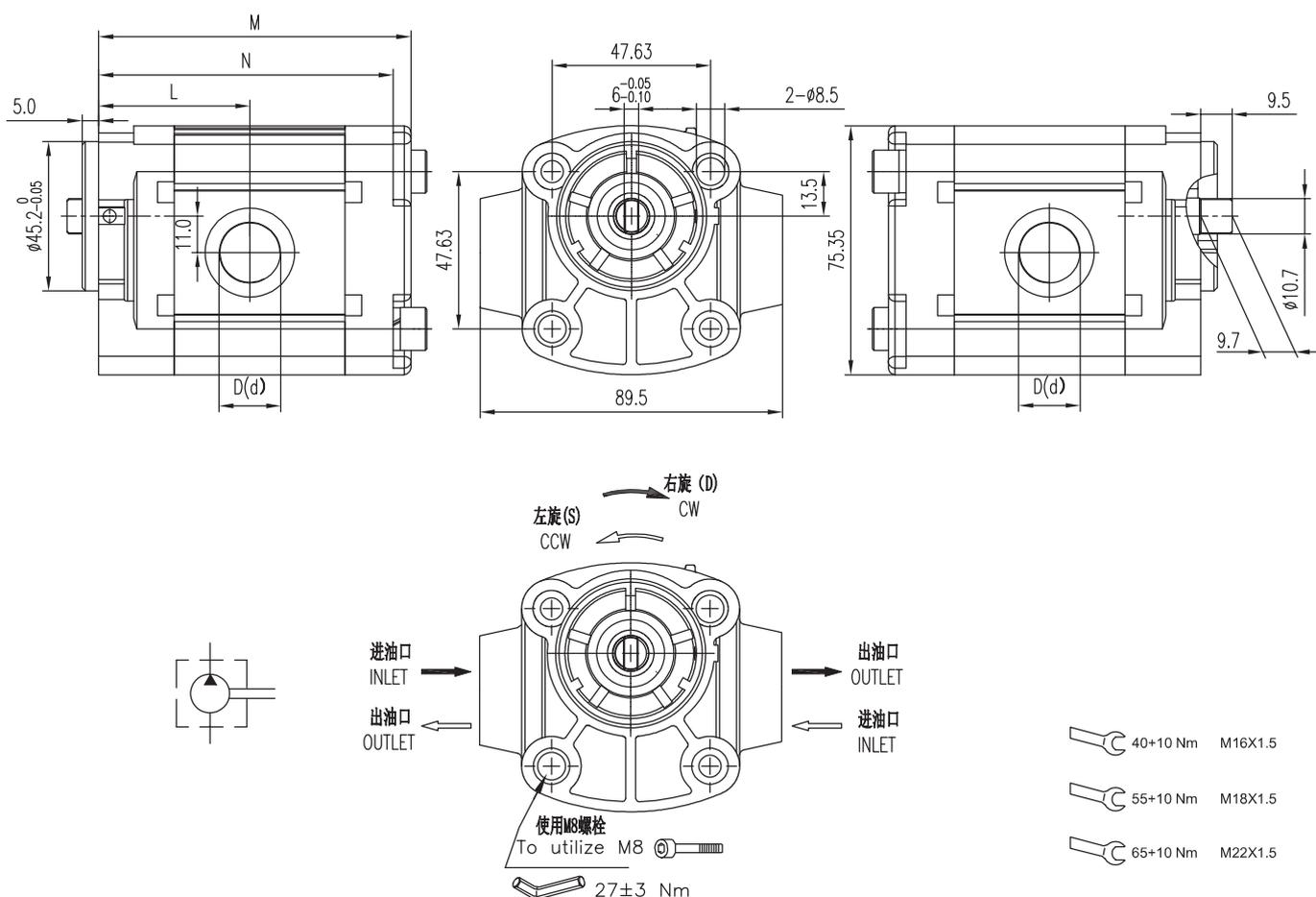
Q1

代号 CODE	泄油口 oil drain
Q1	G1/4

# 1.2系列/Group 1.2

## 1.2B系列标准型产品尺寸/Group 1.2B Standard Product Dimensions

BAP1.2B-Q5-D-0.8-G1-Z3

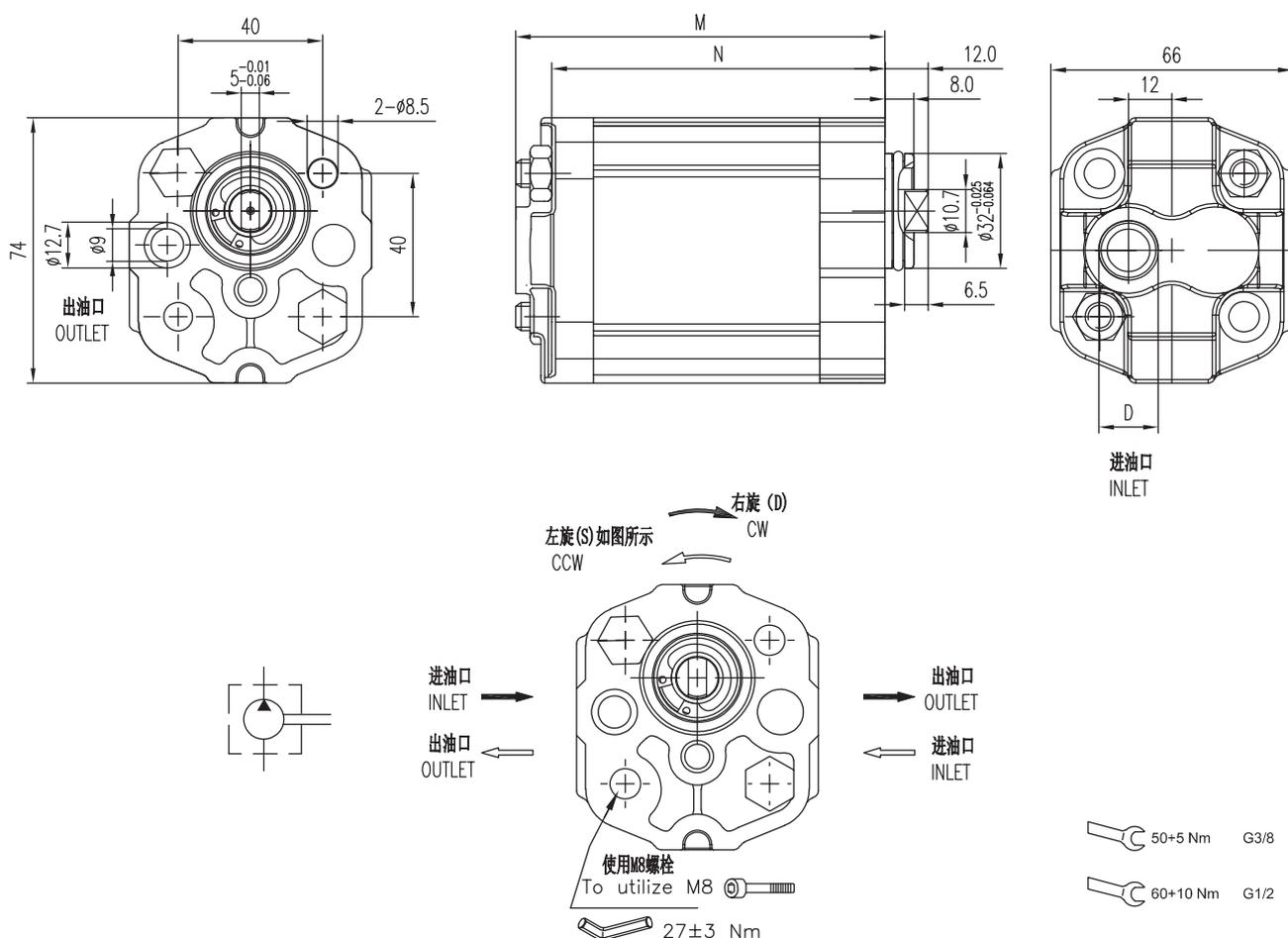


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions			油口代码 Oil port code	进油口 INLET	出油口 OUTLET
	P1	P2	P3				M	N	L			
(cm <sup>3</sup> /rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm	mm			
0.8	230	250	270	4000	800	1.0	84	78.7	43.5	Z3	M16X1.5	M16X1.5
1.2	230	250	270	4000	800	1.05	85.6	80.3	44.3	Z3	M16X1.5	M16X1.5
1.7	230	250	270	4000	800	1.13	87.6	82.3	45.3	Z3	M16X1.5	M16X1.5
2.5	230	250	270	4000	800	1.2	90.9	85.6	46.9	Z3	M16X1.5	M16X1.5
3.2	210	230	250	3800	700	1.3	94	88.7	48.5	Z3	M16X1.5	M16X1.5
4.3	210	230	250	3800	700	1.45	98.8	93.5	50.9	Z1	M18X1.5	M18X1.5
5.0	210	230	250	3500	700	1.55	101.8	96.5	52.4	Z1	M18X1.5	M18X1.5
6.0	200	220	240	3500	700	1.7	105.3	100	54.2	Z1	M18X1.5	M18X1.5
6.5	200	220	240	3000	700	1.75	107.8	102.5	55.4	Z1	M18X1.5	M18X1.5
7.8	180	200	220	3000	500	1.88	113.4	108.1	58.2	Z1	M18X1.5	M18X1.5
8.5	170	190	210	2800	500	1.95	115.6	110.3	59.3	Z5	M22X1.5	M18X1.5
10	150	175	190	2000	500	2.2	122.6	117.3	62.8	Z5	M22X1.5	M18X1.5
12	150	175	190	2000	500	2.45	130.6	125.3	66.8	Z5	M22X1.5	M18X1.5

## 1.2系列/Group 1.2

### 1.2F系列标准型产品尺寸/Group 1.2F Standard Product Dimensions

BAP1.2F-Q0-S-0.8-G0-X-LJ1

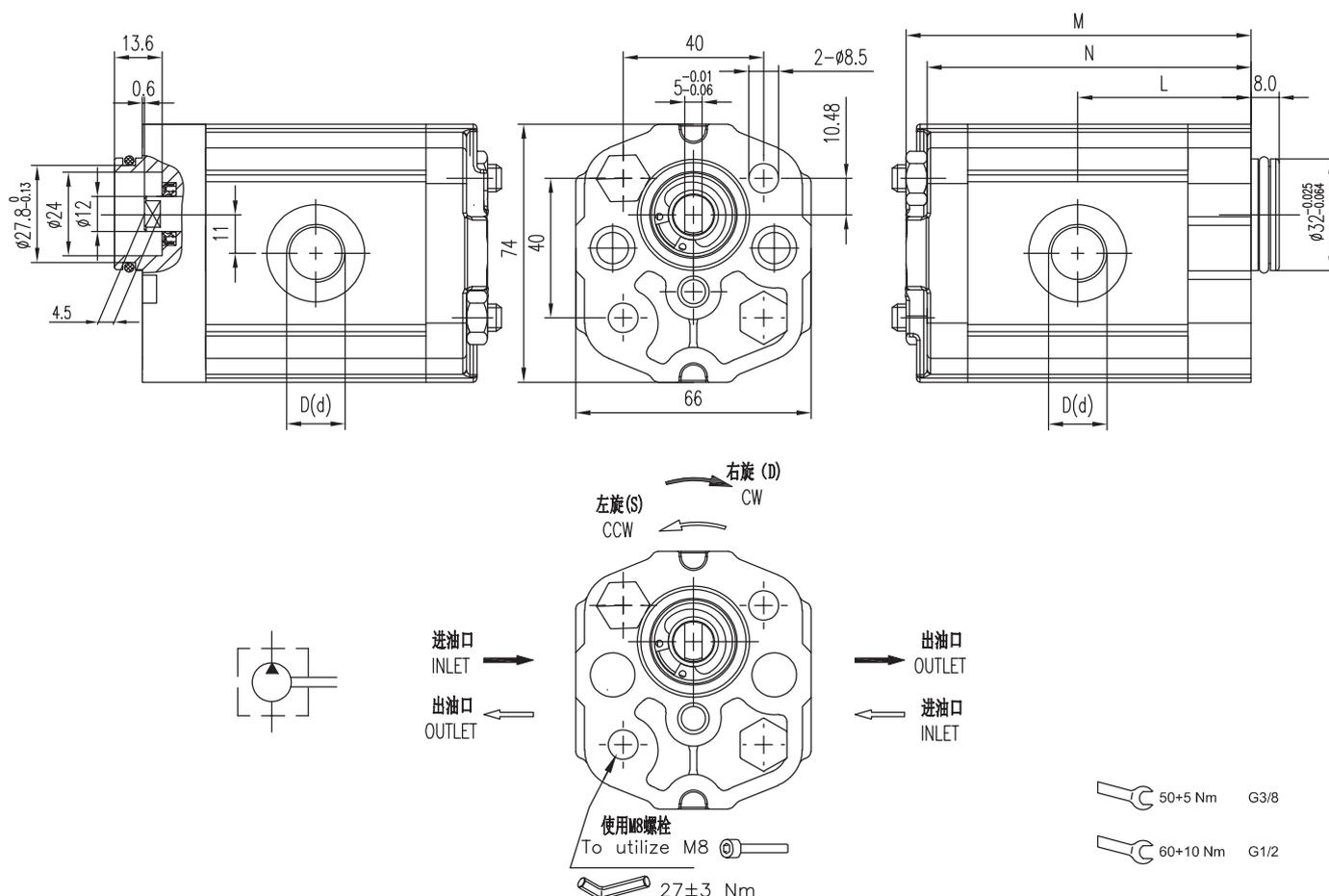


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口 INLET
	P1	P2	P3				M	N		
(cm <sup>3</sup> /rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		
0.8	230	250	270	4000	800	3.35	81.5	74.5	LJ1	G3/8
1.2	230	250	270	4000	800	3.4	83.1	76.1	LJ1	G3/8
1.7	230	250	270	4000	800	3.5	85.1	78.1	LJ1	G3/8
2.5	230	250	270	4000	800	3.6	88.4	81.4	LJ1	G3/8
3.2	210	230	250	3800	700	3.7	91.5	84.5	LJ1	G3/8
4.3	210	230	250	3800	700	3.8	96.3	89.3	LJ1	G3/8
5.0	210	230	250	3500	700	3.9	99.3	92.3	LJ1	G3/8
6.0	200	220	240	3500	700	4.0	102.8	95.8	LJ1	G3/8
6.5	200	220	240	3000	700	4.1	105.3	98.3	LJ2	G1/2
7.8	180	200	220	3000	500	4.2	110.9	103.9	LJ2	G1/2
8.5	170	190	210	2800	500	4.3	113.1	106.1	LJ2	G1/2
10	150	175	190	2000	500	4.2	120.1	113.1	LJ2	G1/2
12	150	175	190	2000	500	4.3	128.1	121.1	LJ2	G1/2

# 1.2系列/Group 1.2

## 1.2F系列标准型产品尺寸/Group 1.2F Standard Product Dimensions

BAP1.2F-Q2-**D**-**0.8**-G4-**L1**

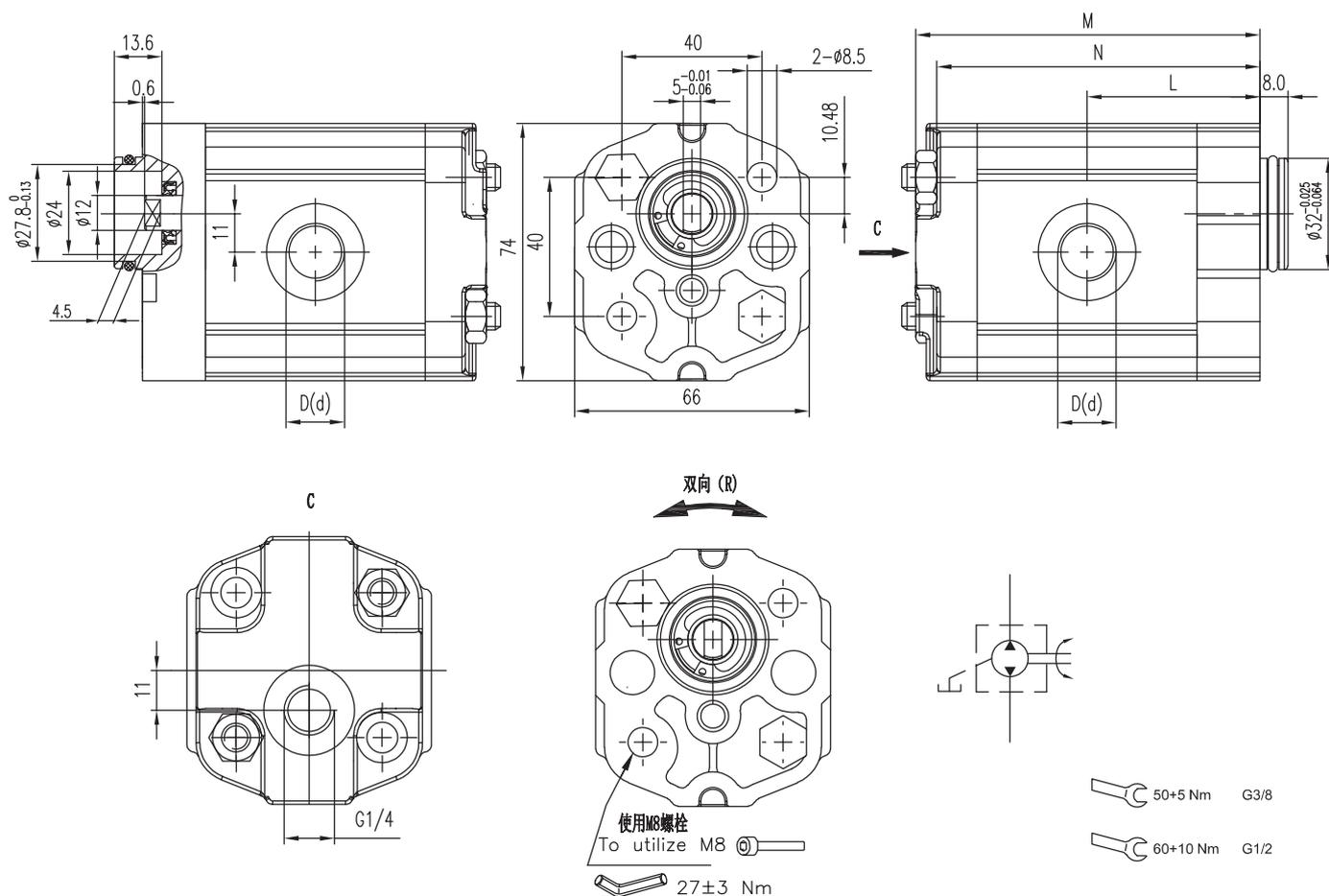


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions			油口代码 Oil port code	进油口	出油口
	P1	P2	P3				D	d				
(cm <sup>3</sup> /rev)	bar	bar	bar	(r/min)	(r/min)	Kg	M	N	L			
0.8	230	250	270	4000	800	3.35	81.5	74.5	38.8	L1	G3/8	G3/8
1.2	230	250	270	4000	800	3.4	83.1	76.1	39.6	L1	G3/8	G3/8
1.7	230	250	270	4000	800	3.5	85.1	78.1	40.6	L1	G3/8	G3/8
2.5	230	250	270	4000	800	3.6	88.4	81.4	42.2	L1	G3/8	G3/8
3.2	210	230	250	3800	700	3.7	91.5	84.5	43.8	L1	G3/8	G3/8
4.3	210	230	250	3800	700	3.8	96.3	89.3	46.2	L2	G1/2	G3/8
5.0	210	230	250	3500	700	3.9	99.3	92.3	47.7	L2	G1/2	G3/8
6.0	200	220	240	3500	700	4.0	102.8	95.8	49.5	L2	G1/2	G3/8
6.5	200	220	240	3000	700	4.1	105.3	98.3	50.7	L2	G1/2	G3/8
7.8	180	200	220	3000	500	4.2	110.9	103.9	53.5	L2	G1/2	G3/8
8.5	170	190	210	2800	500	4.3	113.1	106.1	54.6	L3	G1/2	G1/2
10	150	175	190	2000	500	4.2	120.1	113.1	58.1	L3	G1/2	G1/2
12	150	175	190	2000	500	4.3	128.1	121.1	62.1	L3	G1/2	G1/2

# 1.2系列/Group 1.2

## 1.2F系列标准型产品尺寸/Group 1.2F Standard Product Dimensions

BAP1.2F-Q2-R-0.8-G4-L1-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	进油口 INLET		出油口 OUTLET	
	P1	P2	P3				M	N	L		D	d		
(cm <sup>3</sup> /rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm	mm					
0.8	230	250	270	4000	800	3.35	81.5	74.5	38.8	L1	G3/8	G3/8	G3/8	
1.2	230	250	270	4000	800	3.4	83.1	76.1	39.6	L1	G3/8	G3/8	G3/8	
1.7	230	250	270	4000	800	3.5	85.1	78.1	40.6	L1	G3/8	G3/8	G3/8	
2.5	230	250	270	4000	800	3.6	88.4	81.4	42.2	L1	G3/8	G3/8	G3/8	
3.2	210	230	250	3800	700	3.7	91.5	84.5	43.8	L1	G3/8	G3/8	G3/8	
4.3	210	230	250	3800	700	3.8	96.3	89.3	46.2	L3	G1/2	G1/2	G1/2	
5.0	210	230	250	3500	700	3.9	99.3	92.3	47.7	L3	G1/2	G1/2	G1/2	
6.0	200	220	240	3500	700	4.0	102.8	95.8	49.5	L3	G1/2	G1/2	G1/2	
6.5	200	220	240	3000	700	4.1	105.3	98.3	50.7	L3	G1/2	G1/2	G1/2	
7.8	180	200	220	3000	500	4.2	110.9	103.9	53.5	L3	G1/2	G1/2	G1/2	
8.5	170	190	210	2800	500	4.3	113.1	106.1	54.6	L3	G1/2	G1/2	G1/2	
10	150	175	190	2000	500	4.2	120.1	113.1	58.1	L3	G1/2	G1/2	G1/2	
12	150	175	190	2000	500	4.3	128.1	121.1	62.1	L3	G1/2	G1/2	G1/2	