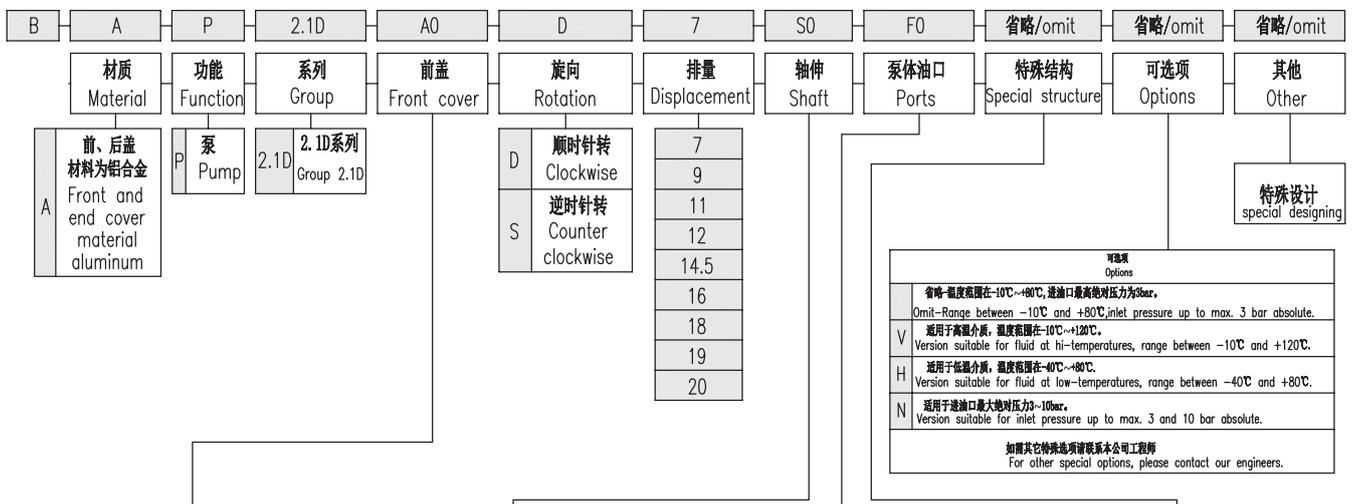
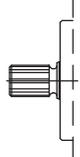
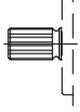


2.1D系列/Group 2.1D

2.1D系列选型规则/Group 2.1D Ordering Code Rules



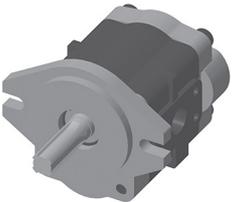
前盖 Front cover	轴伸 Shaft	泵体油口 Ports	特殊结构 Special structure
A0 菱形前盖(止口 $\phi 82.55$) Diamond front cover (centering $\phi 82.55\text{mm}$) 	S0 SAE花键轴 SAE spline shaft DP16/32-30'-9T 	F 矩形法兰 Split flange 	省略-默认普通 omit-regular
A1 菱形前盖(止口 $\phi 80$) Diamond front cover (centering $\phi 80\text{mm}$) 	S1 SAE花键轴 SAE spline shaft DP16/32-30'-10T 	Z 公制螺纹(M) Metric thread 	
L 英制管螺纹(G) Gas thread 			
详见 122 页 See page 122 for details	详见 122 页 See page 122 for details	详见 123 页 See page 123 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.

2.1D系列/Group 2.1D

2.1D系列标准型产品概览/Group 2.1D Standard Product Overview

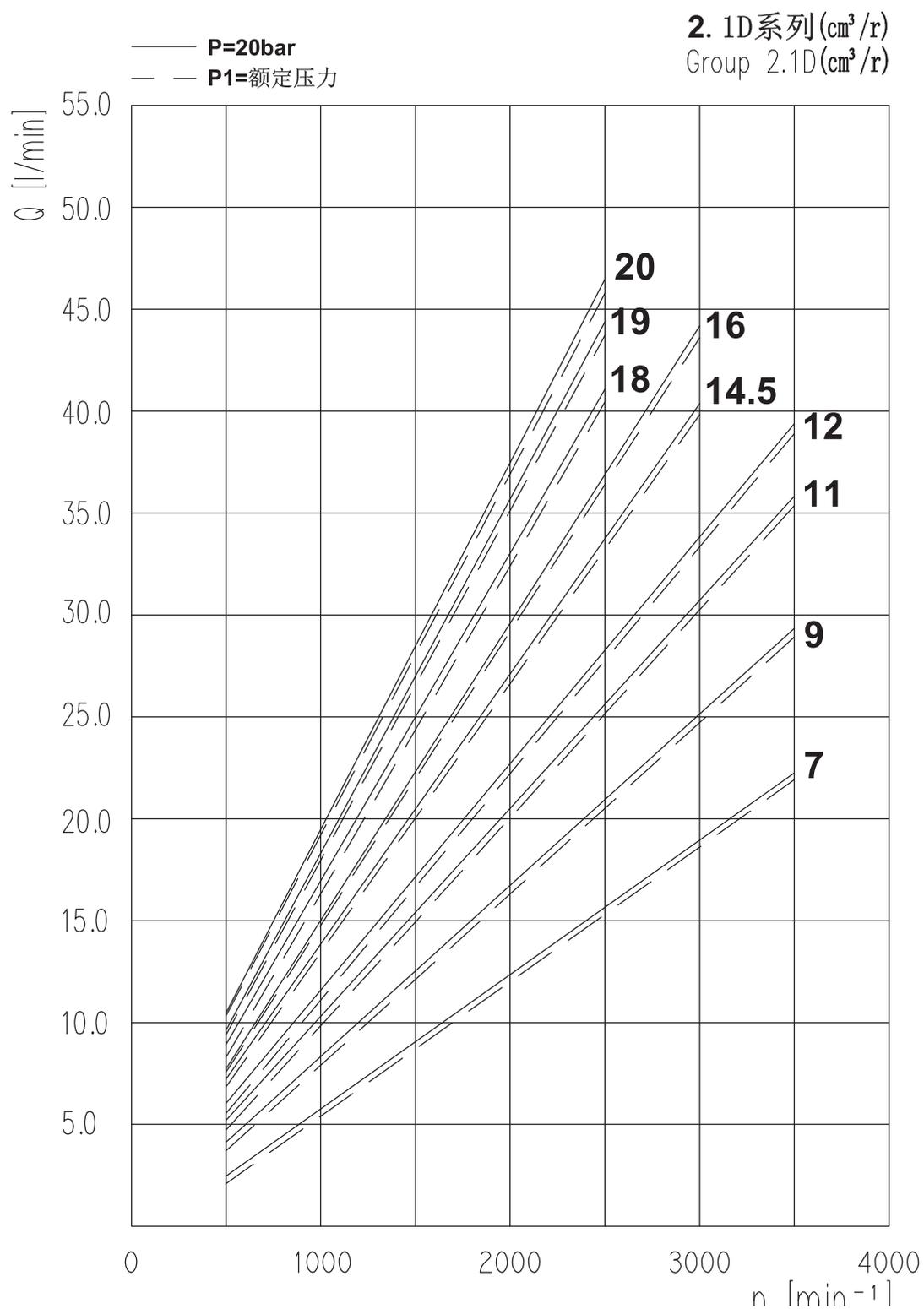
型式 type		
页码 page	124	125

2.1D系列排量参数表/Group 2.1D Displacement parameter table

排量 Displacement	V	cm ³ /rev	7	9	11	12	14.5	16	18	19	20
吸油绝对压力 Suction absolute pressure	P _e	bar	0.7... 3								
最高连续压力 Max. continuous pressure	P ₁		200								
最高间隙压力 Max. intermittent pressure	P ₂		230								
最高峰值压力 Max. peak pressure	P ₃		250								
最低转速 Min. speed	n _{Min}	r/min	500								
最高转速 Max. speed	n _{Max}		3000								
容积效率 Volumetric efficiency	η _v	%	≥ 93								

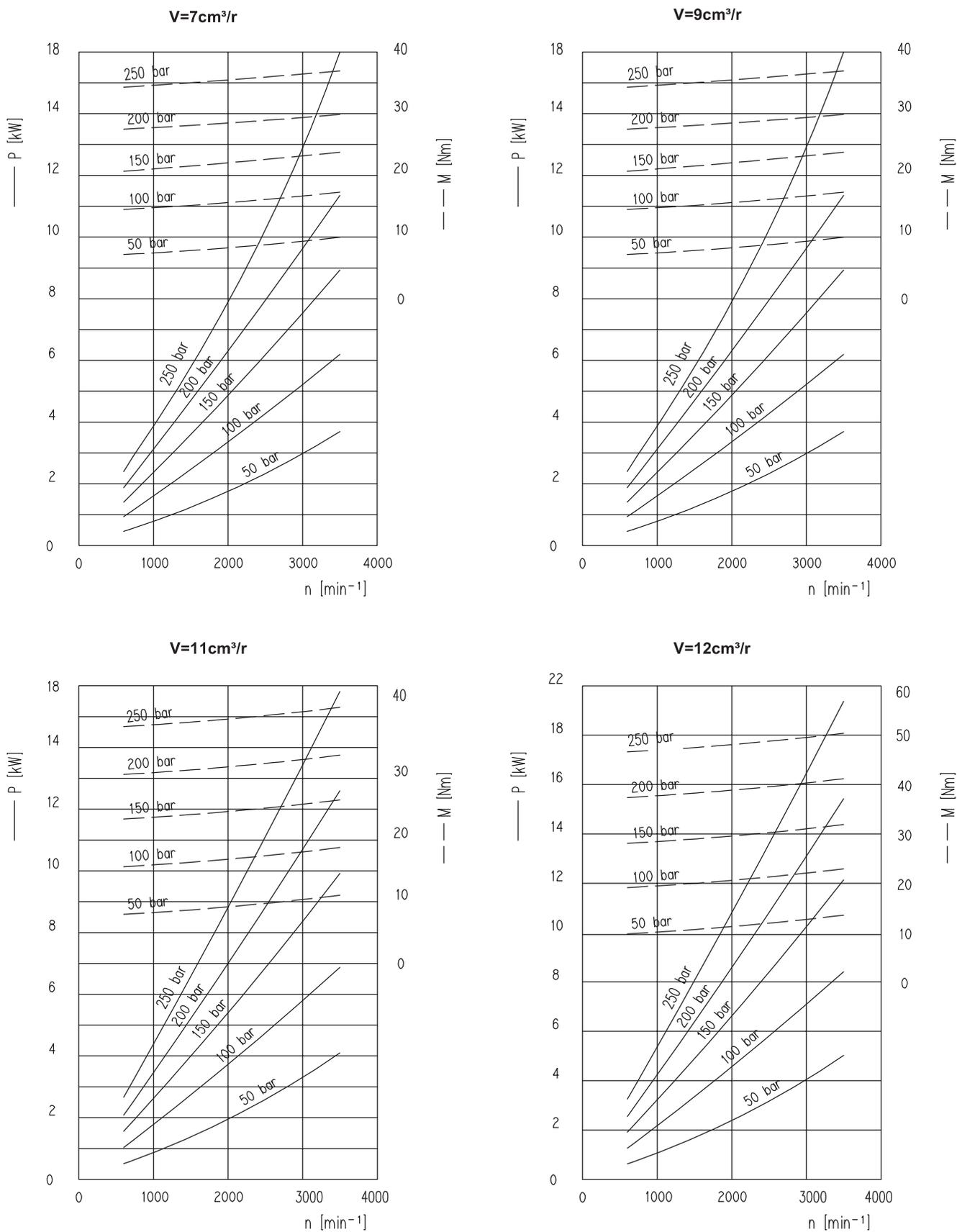
2.1D系列/Group 2.1D

2.1D系列流量性能曲线表/Group 2.1D Flow Performance Curve Table



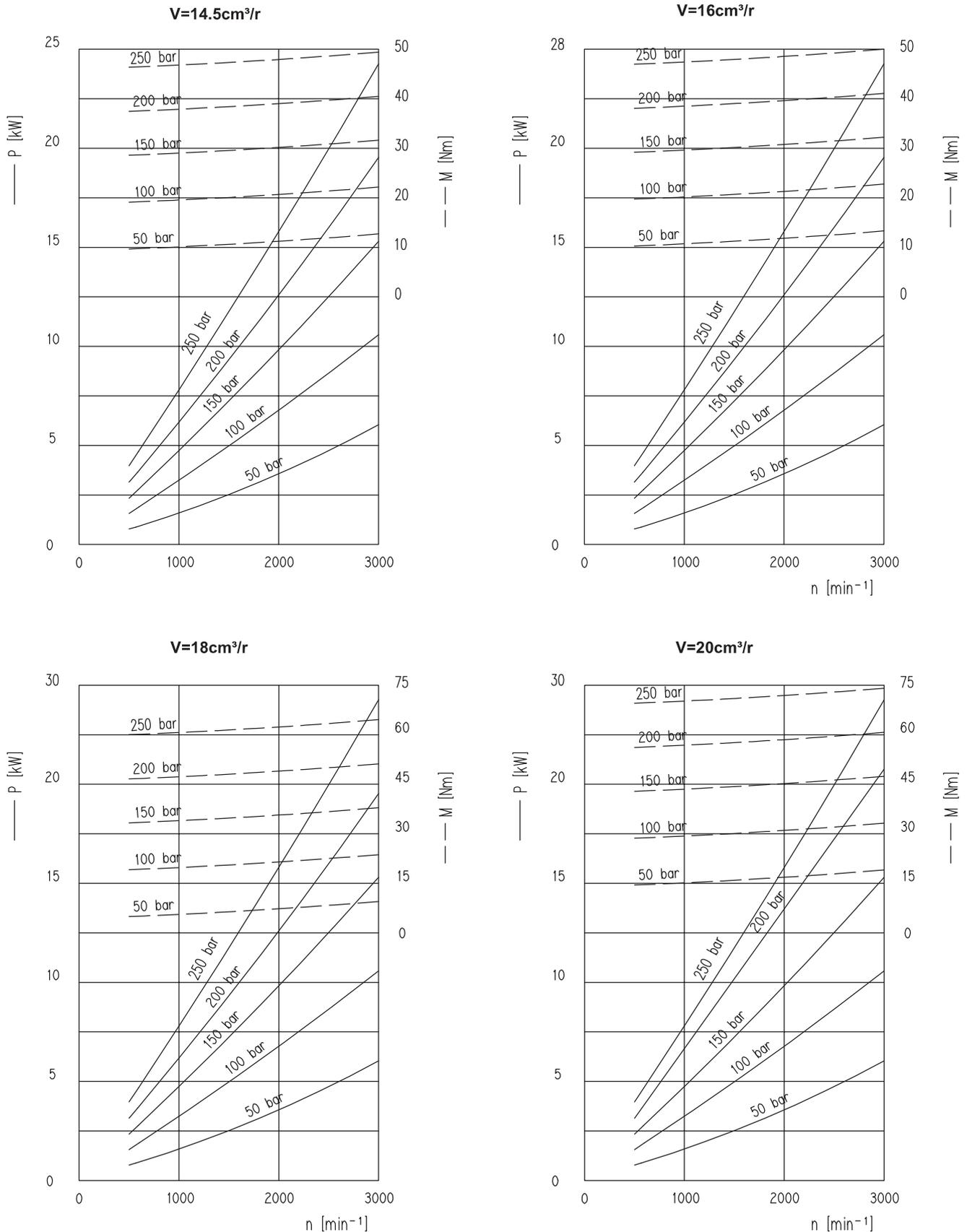
2.1D系列/Group 2.1D

2.1D系列功率性能曲线表/Group 2.1D Power Performance Curve Table



2.1D系列/Group 2.1D

2.1D系列功率性能曲线表/Group 2.1D Power Performance Curve Table



2.1D系列/Group 2.1D

2.1系列噪音曲线表/Group 2.1D 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: $v = 32 \text{ mm}^2/\text{s}$, $\vartheta = 50^\circ\text{C}$.

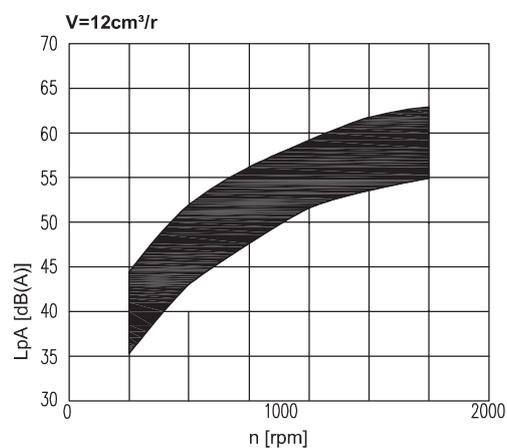
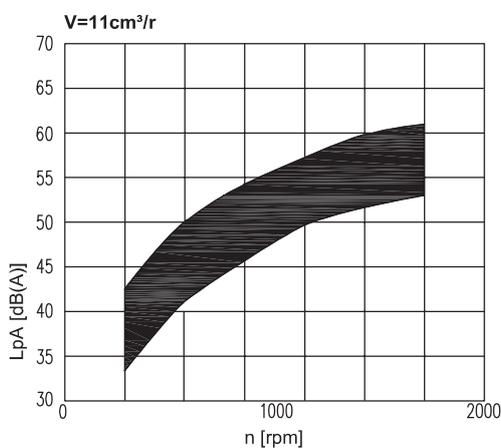
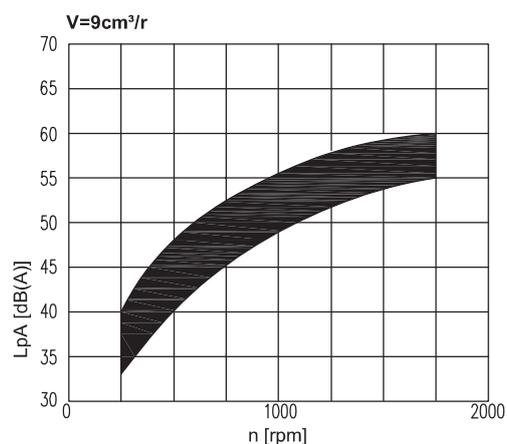
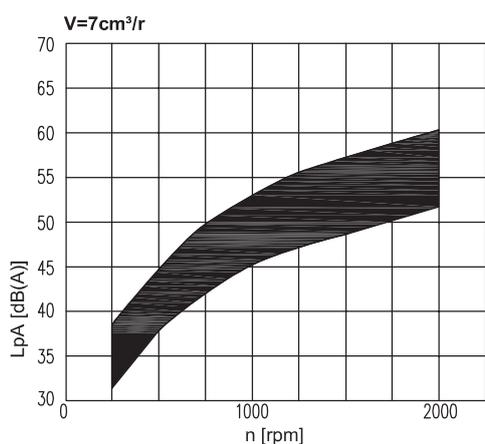
Oil data: $V=32\text{mm}^2/\text{s}, \vartheta=50^\circ\text{C}$.

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.

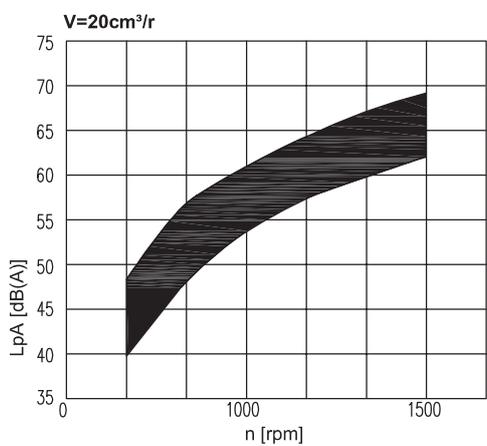
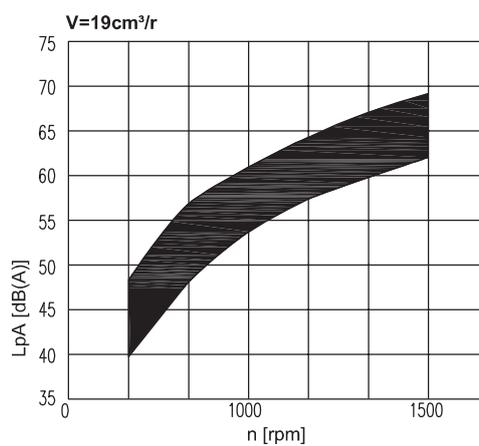
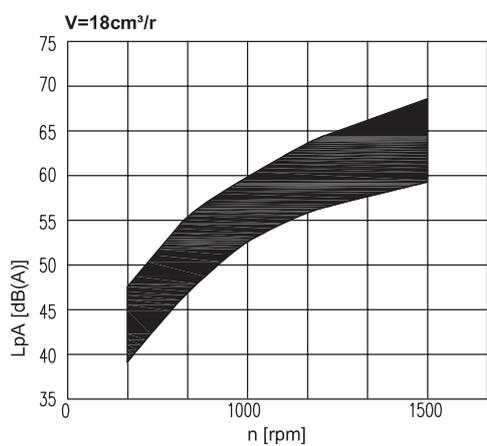
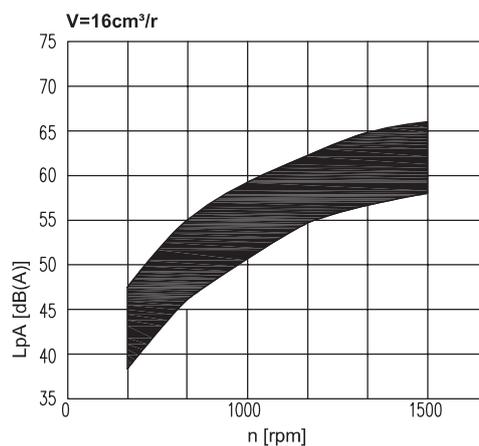
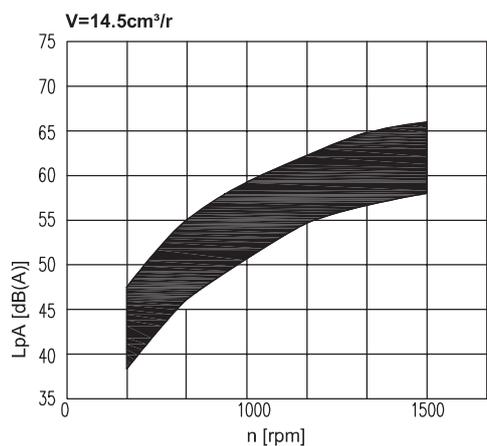
测量传感器与液压泵之间的距离：1 米。

Distance between measuring sensor and hydraulic pump: 1m.



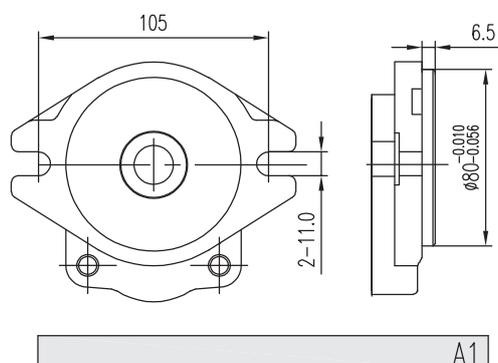
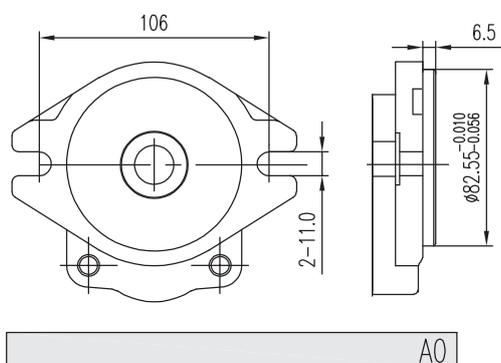
2.1D系列/Group 2.1D

2.1系列噪音曲线表/Group 2.1D Noise Curve Table

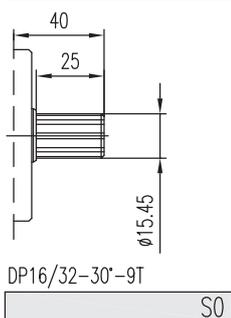


2.1D系列/Group 2.1D

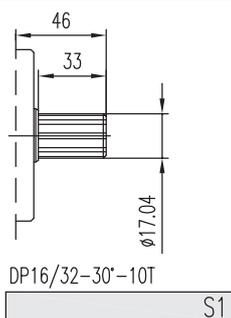
前盖/Front COVER



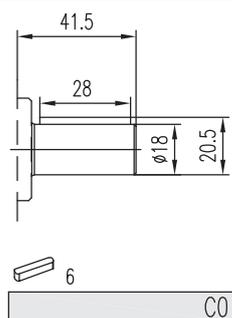
轴伸/SHAFTS



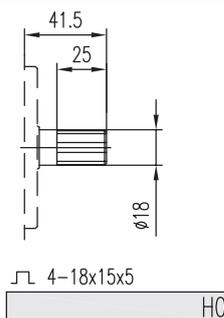
最大扭矩
Max.Torque 185 Nm



最大扭矩
Max.Torque 200 Nm



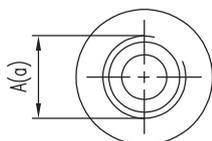
最大扭矩
Max.Torque 150 Nm



最大扭矩
Max.Torque 200 Nm

2.1D系列/Group 2.1D

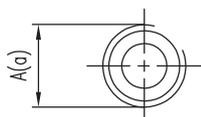
泵体油口/PORTS



O型圈密封
O-ring

L0

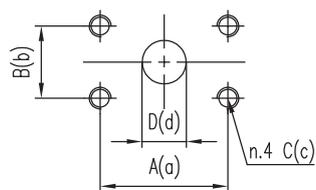
油口代号 PORTS CODE	排量 Displacement (cm ³ /rev)	进油口 INLET	出油口 OUTLET
L0	7...20	G1	G1/2



O型圈密封
O-ring

Z0

油口代号 PORTS CODE	排量 Displacement (cm ³ /rev)	进油口 INLET	出油口 OUTLET
Z0	7...20	M33X2	M27X2



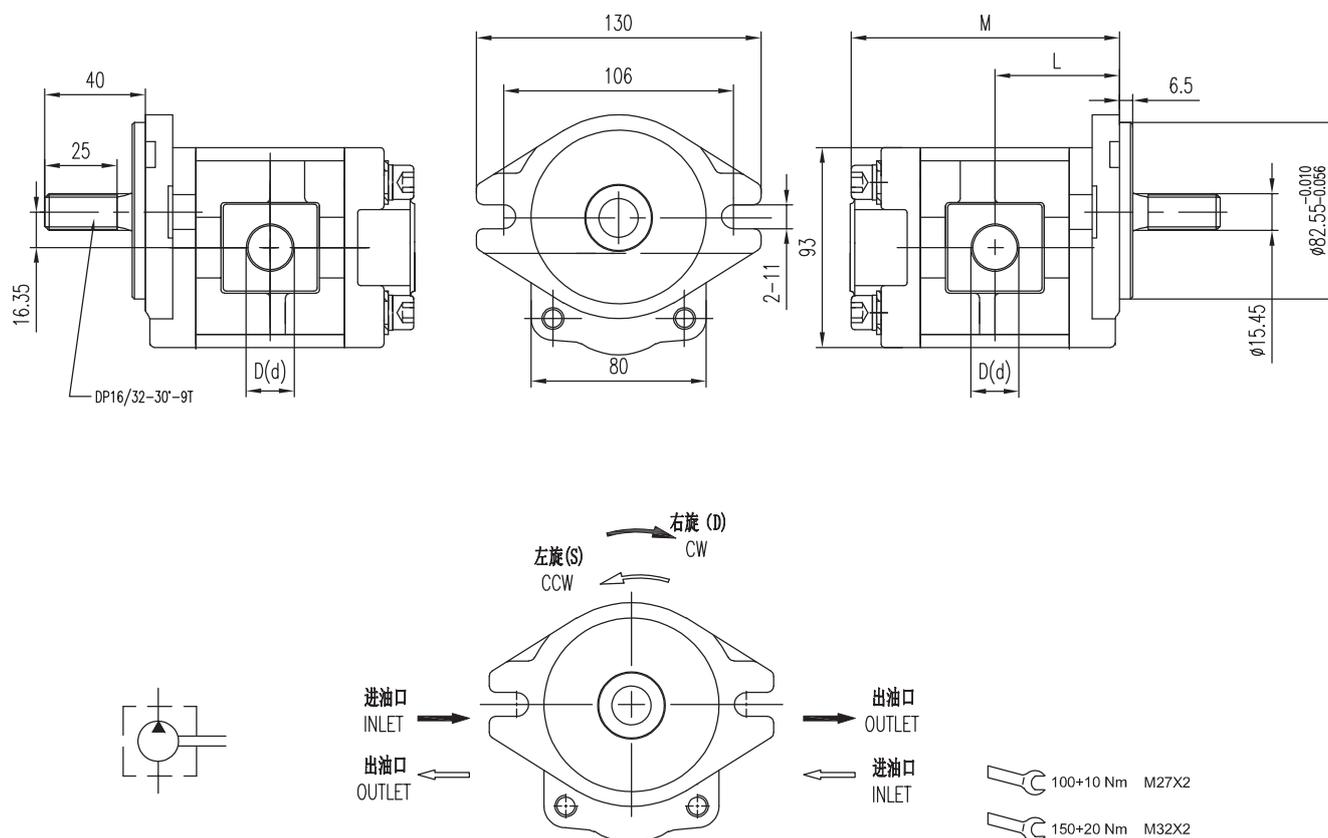
F0

油口代号 PORTS CODE	排量 Displacement (cm ³ /rev)	进油口 INLET				出油口 OUTLET			
		A	B	C	D	a	b	c	d
F0	7...20	52.4	26.2	M10X1.25	25	47.6	22.2	M10X1.25	20

2.1D系列/Group 2.1D

2.1D系列标准型产品尺寸/Group 2.1D Standard Product Dimensions

BAP2.1D-A0-**D**-**7**-S0-**Z0**

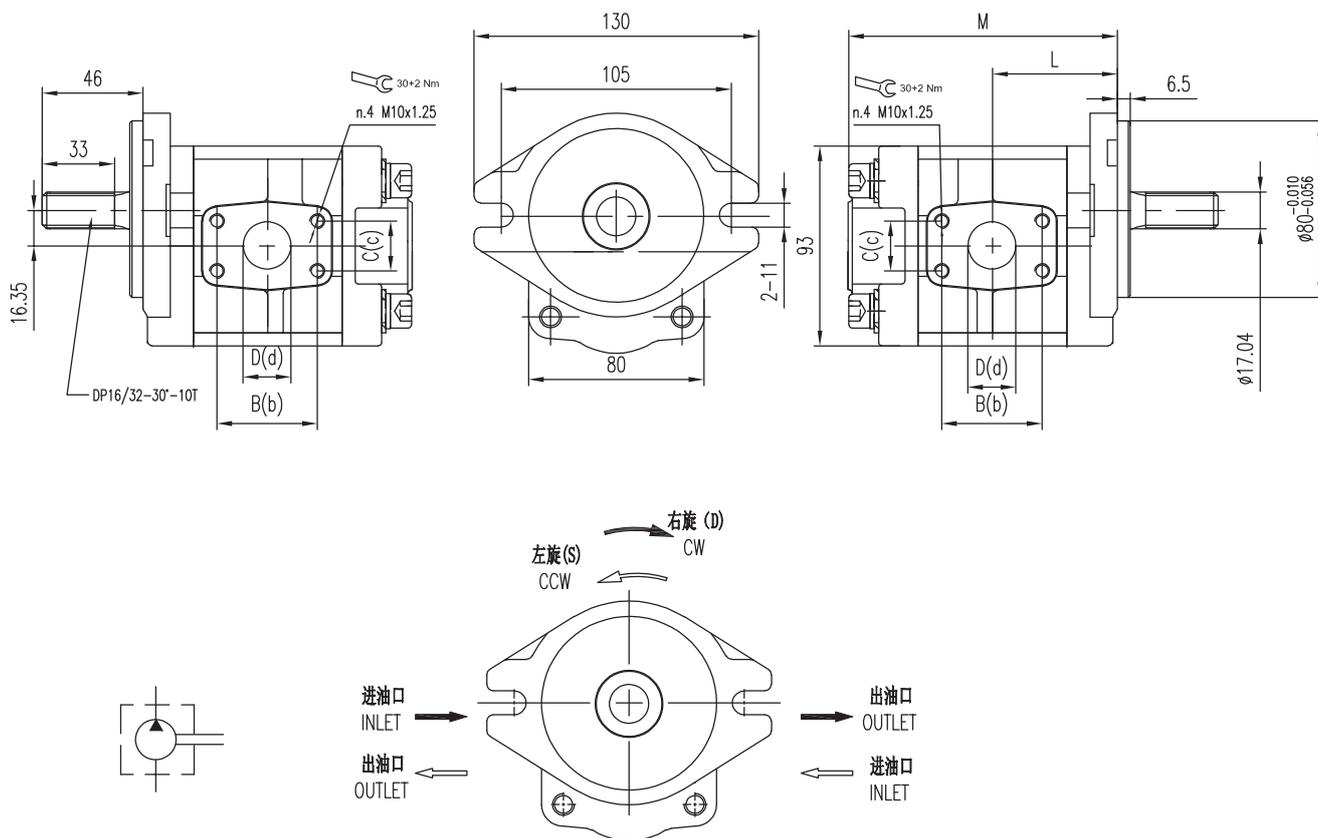


排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口	出油口
	P1	P2	P3				M	L		INLET	OUTLET
(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		D	d
7	200	230	250	3000	500	3.35	115.3	52.6	Z0	M33X2	M27X2
9	200	230	250	3000	500	3.4	116.5	53.8	Z0	M33X2	M27X2
11	200	230	250	3000	500	3.5	118	54.5	Z0	M33X2	M27X2
12	200	230	250	3000	500	3.6	119.5	55.1	Z0	M33X2	M27X2
14.5	200	230	250	3000	500	3.7	122.6	56.8	Z0	M33X2	M27X2
16	200	230	250	3000	500	3.8	124.6	57.8	Z0	M33X2	M27X2
18	200	230	250	3000	500	3.9	127.4	59.2	Z0	M33X2	M27X2
19	200	230	250	3000	500	3.95	128.6	59.8	Z0	M33X2	M27X2
20	200	230	250	3000	500	4.0	130	60.5	Z0	M33X2	M27X2

2.1D系列/Group 2.1D

2.1D系列标准型产品尺寸/Group 2.1D Standard Product Dimensions

BAP2.1D-A1-**D**-**7**-S1-**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			出油口 OUTLET		
	P1	P2	P3				M	L		B	D	C	b	d	c
(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm	mm	mm	mm	mm	mm
7	200	230	250	3000	500	3.35	115.3	52.6	F0	52.4	25	26.2	47.6	20	22.2
9	200	230	250	3000	500	3.4	116.5	53.8	F0	52.4	25	26.2	47.6	20	22.2
11	200	230	250	3000	500	3.5	118	54.5	F0	52.4	25	26.2	47.6	20	22.2
12	200	230	250	3000	500	3.6	119.5	55.1	F0	52.4	25	26.2	47.6	20	22.2
14.5	200	230	250	3000	500	3.7	122.6	56.8	F0	52.4	25	26.2	47.6	20	22.2
16	200	230	250	3000	500	3.8	124.6	57.8	F0	52.4	25	26.2	47.6	20	22.2
18	200	230	250	3000	500	3.9	127.4	59.2	F0	52.4	25	26.2	47.6	20	22.2
19	200	230	250	3000	500	3.95	128.6	59.8	F0	52.4	25	26.2	47.6	20	22.2
20	200	230	250	3000	500	4.0	130	60.5	F0	52.4	25	26.2	47.6	20	22.2