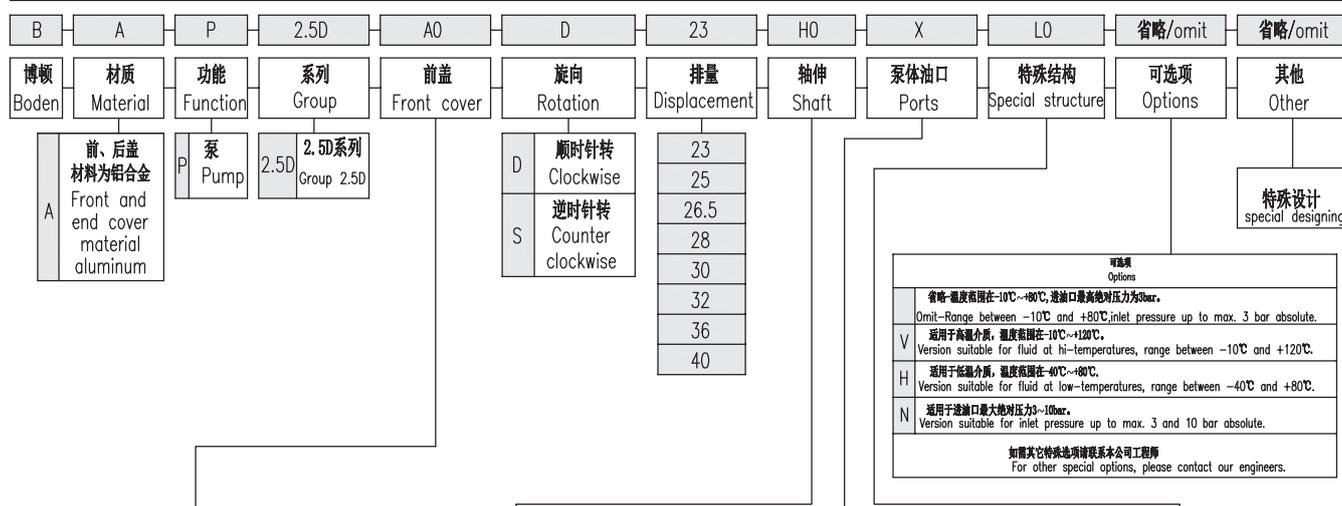
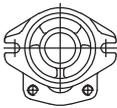
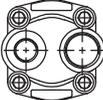


2.5D系列/Group 2.5D

2.5D系列选型规则/Group 2.5D Ordering Code Rules



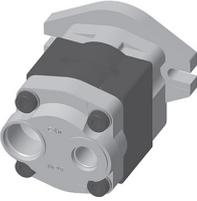
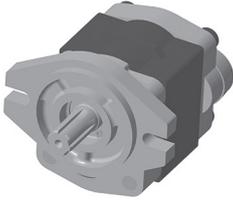
| 前盖 Front cover | 轴伸 Shaft | 泵体油口 Ports | 特殊结构 Special structure |
|---|--|--|--|
| AO 菱形前盖(止口 $\phi 82.55$) Diamond front cover (centering $\phi 82.55\text{mm}$)  | CO 平键轴 $\phi 18$ straight keyed $\phi 18$  | F 矩形法兰 Split flange  | 省略-默认普通 omit-regular  |
| | HO 矩形花键轴 Rectangle splineshaft $\sqcup 4-18 \times 15 \times 5$  | | LO 后盖带进出油口 Back cover with oil inlet and outlet  |
| | H1 矩形花键轴 Rectangle splineshaft $\sqcup 6-20 \times 16 \times 4$  | X 泵体无油口 Body without ports  | |
| | SO 渐开线花键轴 Involute spline shaft EXT12Z-1.5m-30°  | | |
| | S1 SAE花键轴 SAE spline shaft DP16/32-30°-10T  | | |
| | S2 SAE花键轴 SAE spline shaft DP16/32-30°-11T  | | |
| | S3 SAE花键轴 SAE spline shaft DP16/32-30°-13T  | | |
| 详见 149 页 See page 149 for details | 详见 149 页 See page 149 for details | 详见 150 页 See page 150 for details | 详见 150 页 See page 150 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.

2.5D系列/Group 2.5D

2.5D系列标准型产品概览/Group 2.5D Standard Product Overview

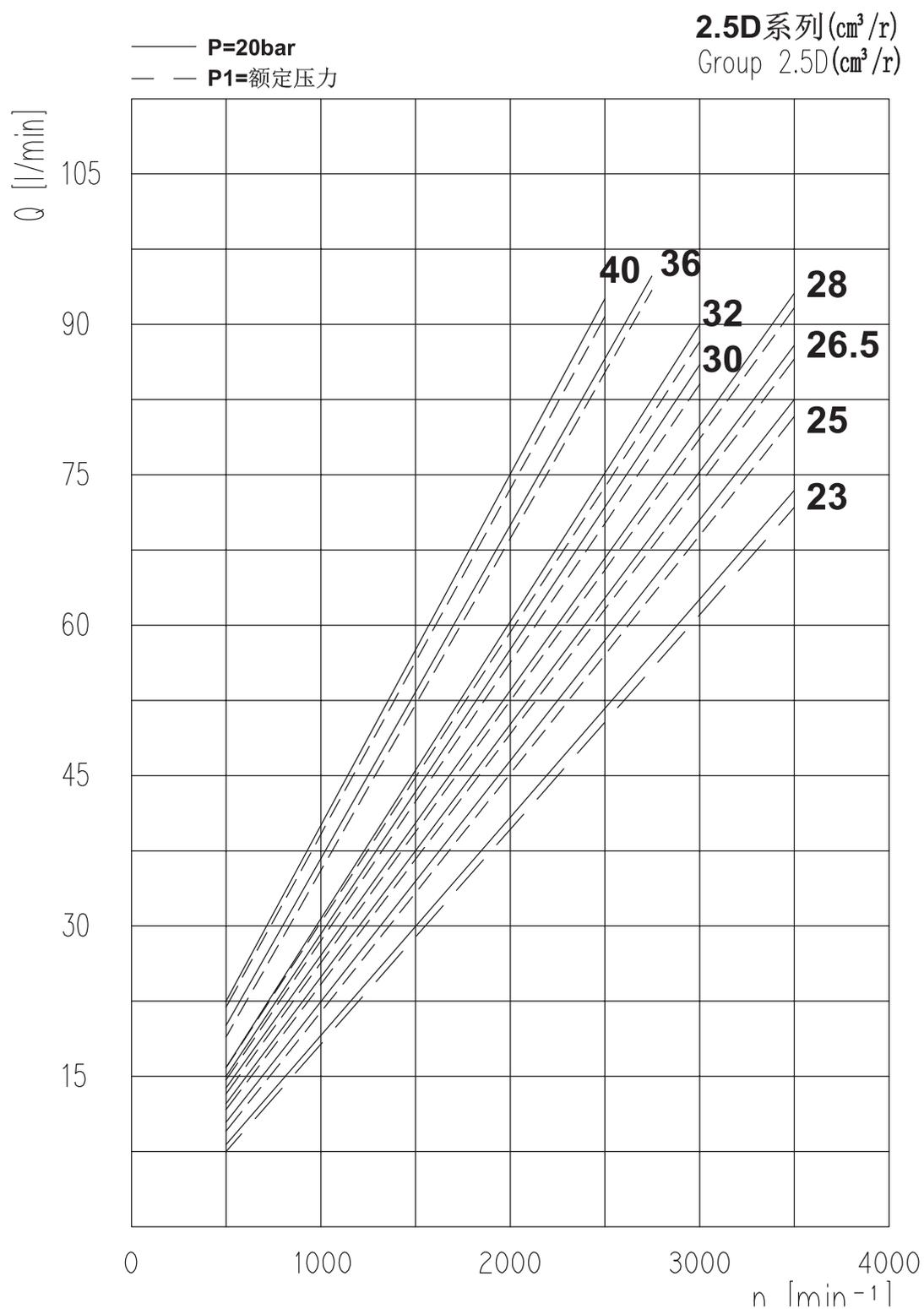
| | | |
|------------|---|---|
| 型式 type |  |  |
| 页码 page | 151 | 152 |

2.5D系列排量参数表/Group 2.5D Displacement parameter table

| 排量 Displacement | V | cm ³ /rev | 23 | 25 | 26.5 | 28 | 30 | 32 | 36 | 40 |
|--------------------------------------|------------|----------------------|---------|----|------|------|-----|------|-----|------|
| 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 | | | 200 | | | 160 | |
| 最高间隙压力 Max. intermittent pressure | P2 | | 250 | | | 230 | | | 180 | |
| 最高峰值压力 Max. peak pressure | P3 | | 260 | | | 250 | | | 200 | |
| 最低转速 Min. speed | n_{\min} | r/min | 600 | | | | | | 500 | |
| 最高转速 Max. speed | n_{\max} | | 3500 | | | 3000 | | 2750 | | 2500 |
| 容积效率 Volumetric efficiency | η_v | % | >92 | | >93 | | >94 | | >95 | |

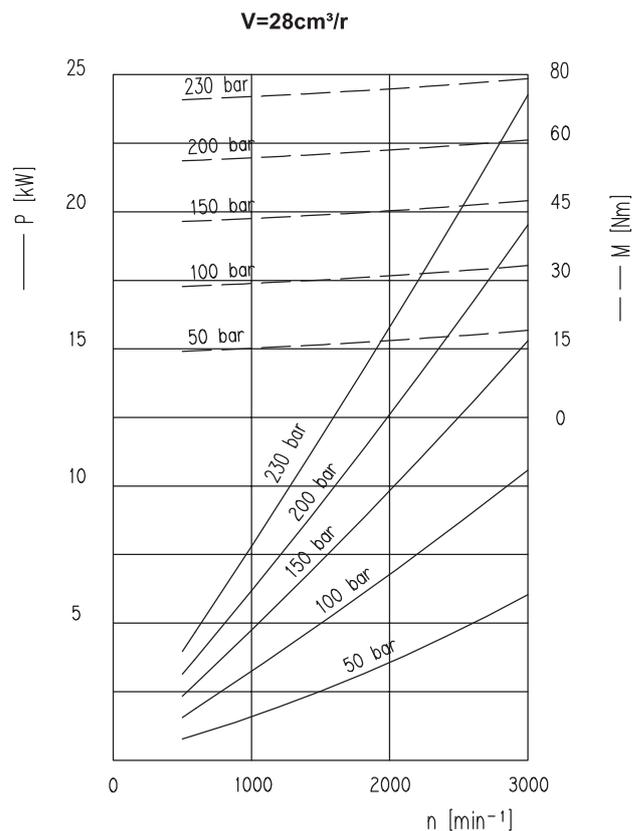
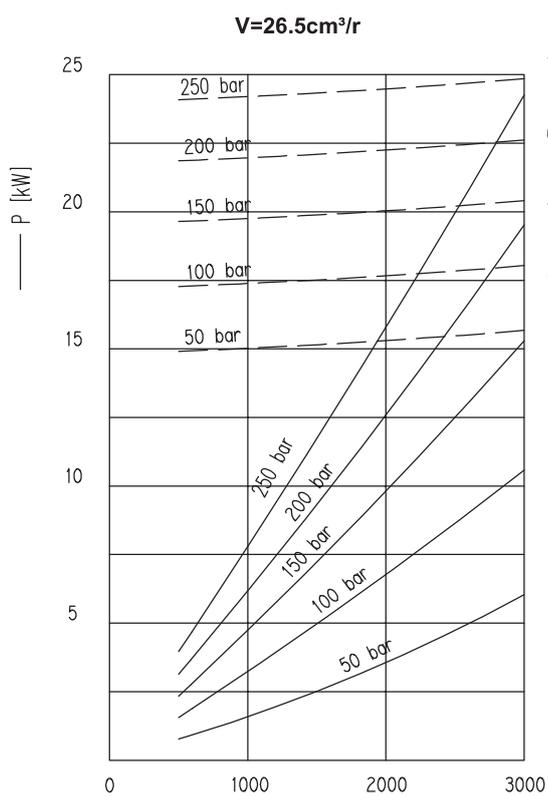
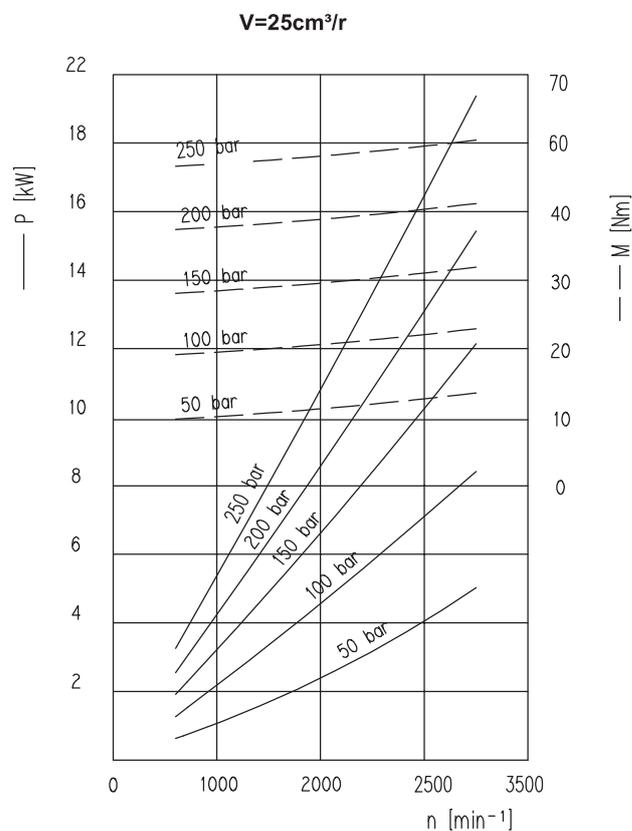
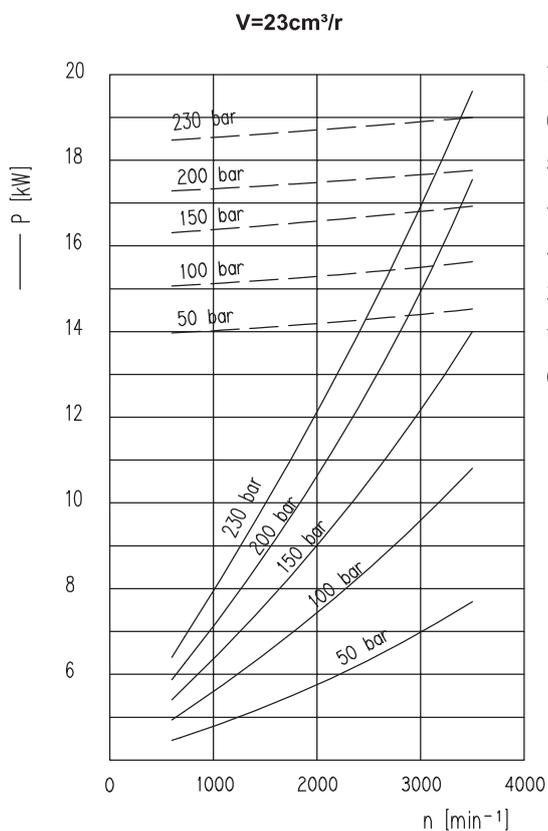
2.5D系列/Group 2.5D

2.5D系列流量性能曲线表/Group 2.5D Flow Performance Curve Table



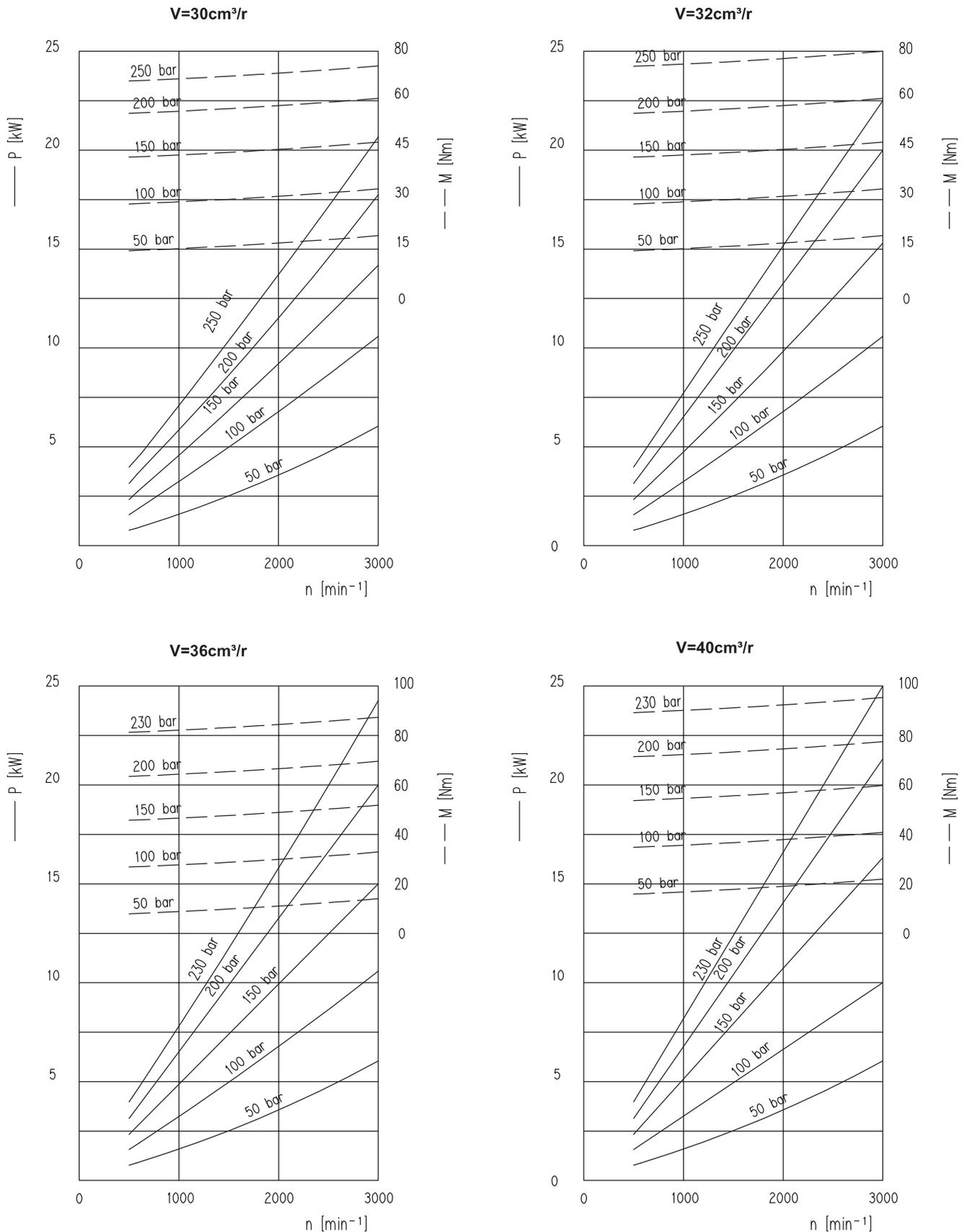
2.5D系列/Group 2.5D

2.5D系列功率性能曲线表/Group 2.5D Power Performance Curve Table



2.5D系列/Group 2.5D

2.5D系列功率性能曲线表/Group 2.5D Power Performance Curve Table



2.5D系列/Group 2.5D

2.5D系列噪音曲线表/Group 2.5D 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: $v = 32 \text{ mm}^2/\text{s}$, $\vartheta = 50^\circ\text{C}$.

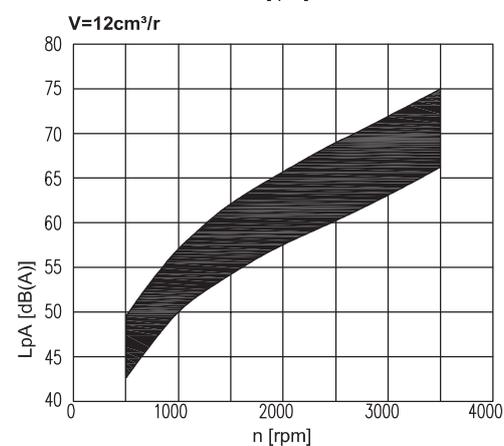
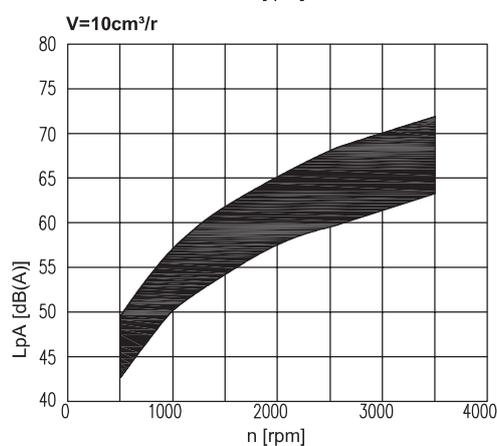
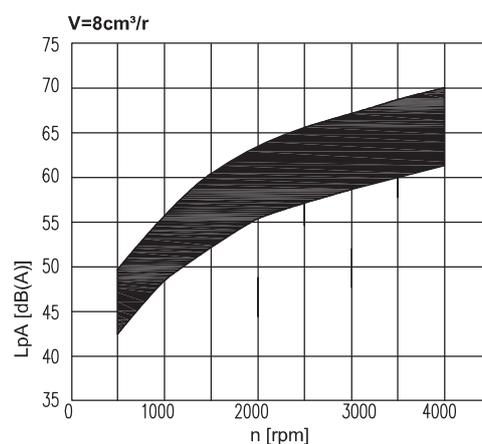
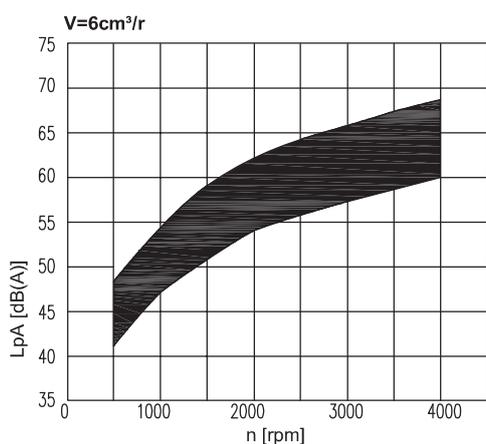
Oil data: $V=32\text{mm}^2/\text{s}, \vartheta=50^\circ\text{C}$.

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.

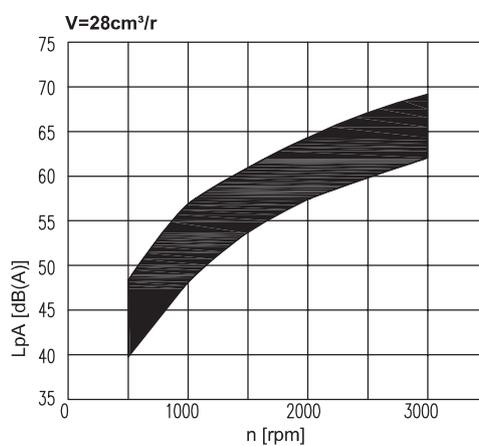
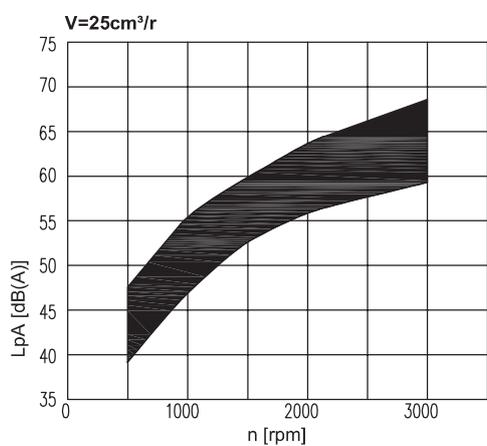
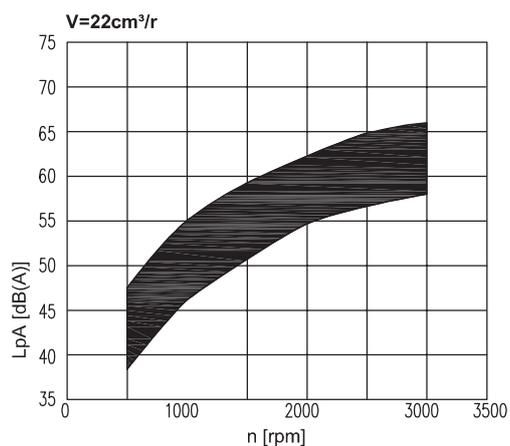
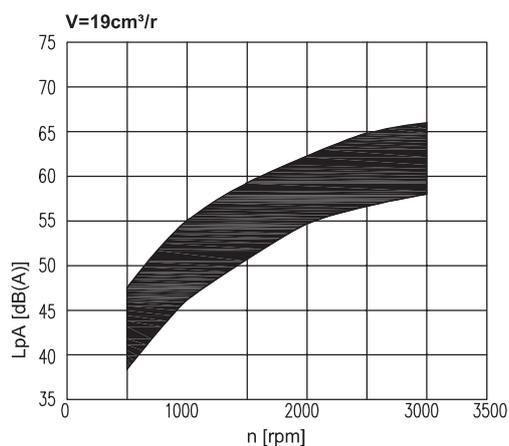
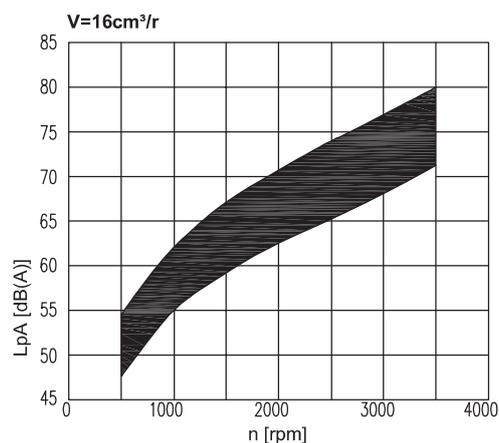
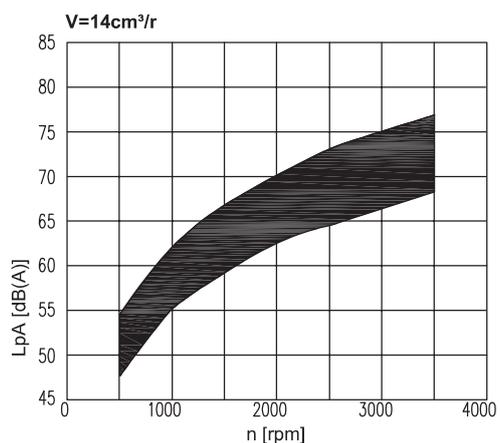
测量传感器与液压泵之间的距离：1 米。

Distance between measuring sensor and hydraulic pump: 1m.



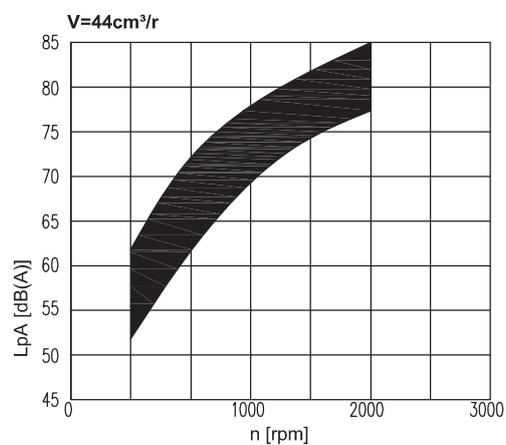
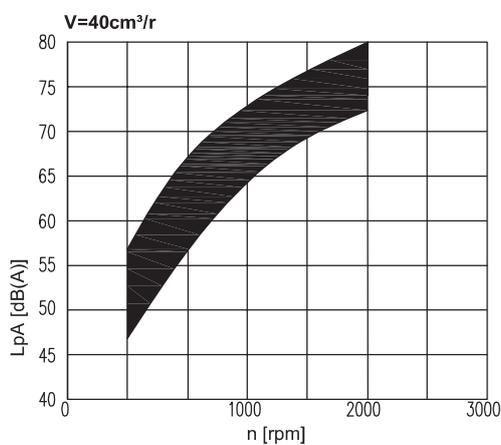
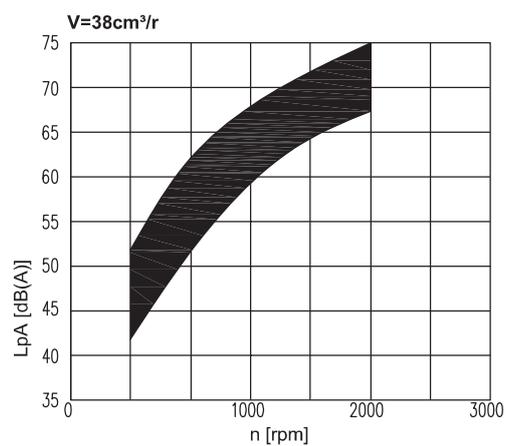
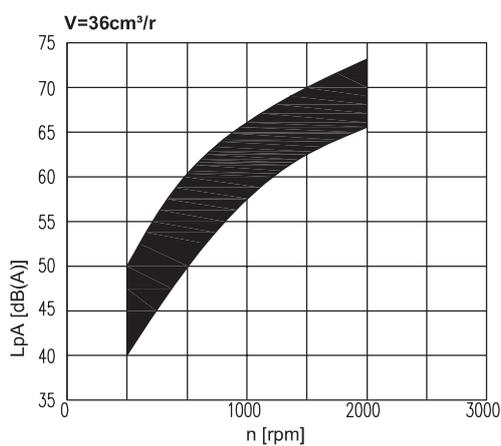
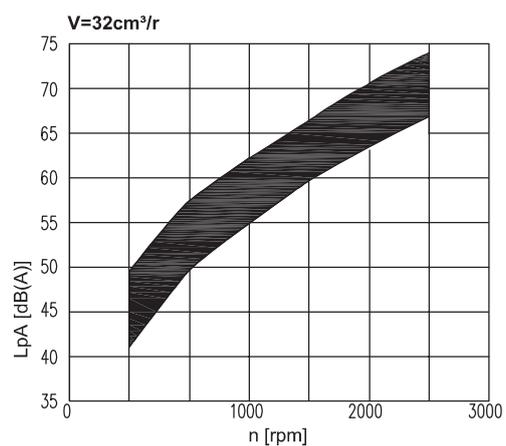
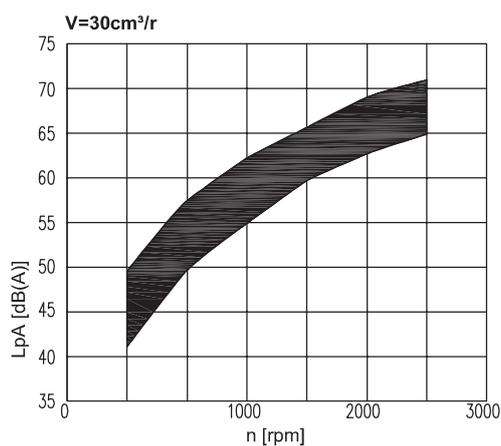
2.5D系列/Group 2.5D

2.5D系列噪音曲线表/Group 2.5D Noise Curve Table



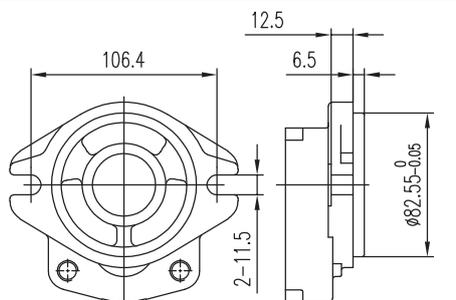
2.5D系列/Group 2.5D

2.5D系列噪音曲线表/Group 2.5D Noise Curve Table



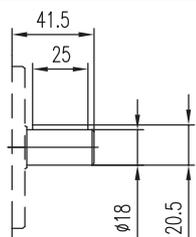
2.5D系列/Group 2.5D

前盖/Front COVER



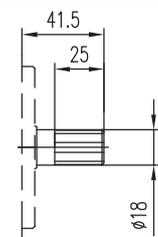
A0

轴伸/SHAFTS



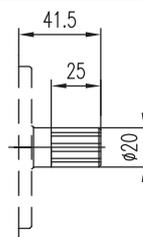
6
C0

最大扭矩
Max.Torque 180 Nm



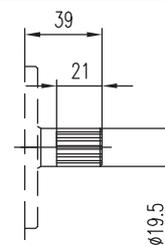
4-18x15x5
H0

最大扭矩
Max.Torque 200 Nm



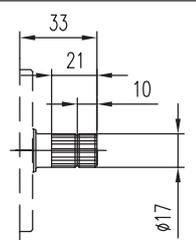
6-20x16x4
H1

最大扭矩
Max.Torque 240 Nm



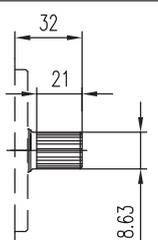
EXT12Z-1.5m-30°
S0

最大扭矩
Max.Torque 220 Nm



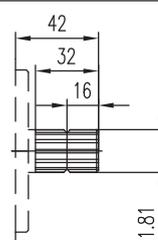
DP16/32-30°-10T
S1

最大扭矩
Max.Torque 200 Nm



DP16/32-30°-11T
S2

最大扭矩
Max.Torque 210 Nm

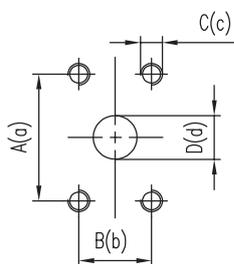


DP16/32-30°-13T
S3

最大扭矩
Max.Torque 300 Nm

2.5D系列/Group 2.5D

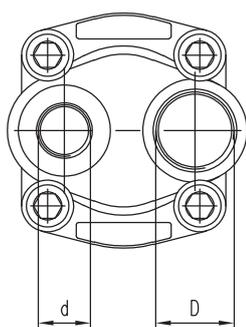
泵体油口/PORTS



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 | 23...36 | 52.4 | 26.2 | M10x1.25 | 25 | 47.6 | 22.2 | M10x1.25 | 20 |
| F0 | 40 | 52.4 | 26.2 | M10x1.25 | 28 | 47.6 | 22.2 | M10x1.25 | 20 |

特殊结构/SPECIAL STRUCTRE



O型圈密封
O-ring

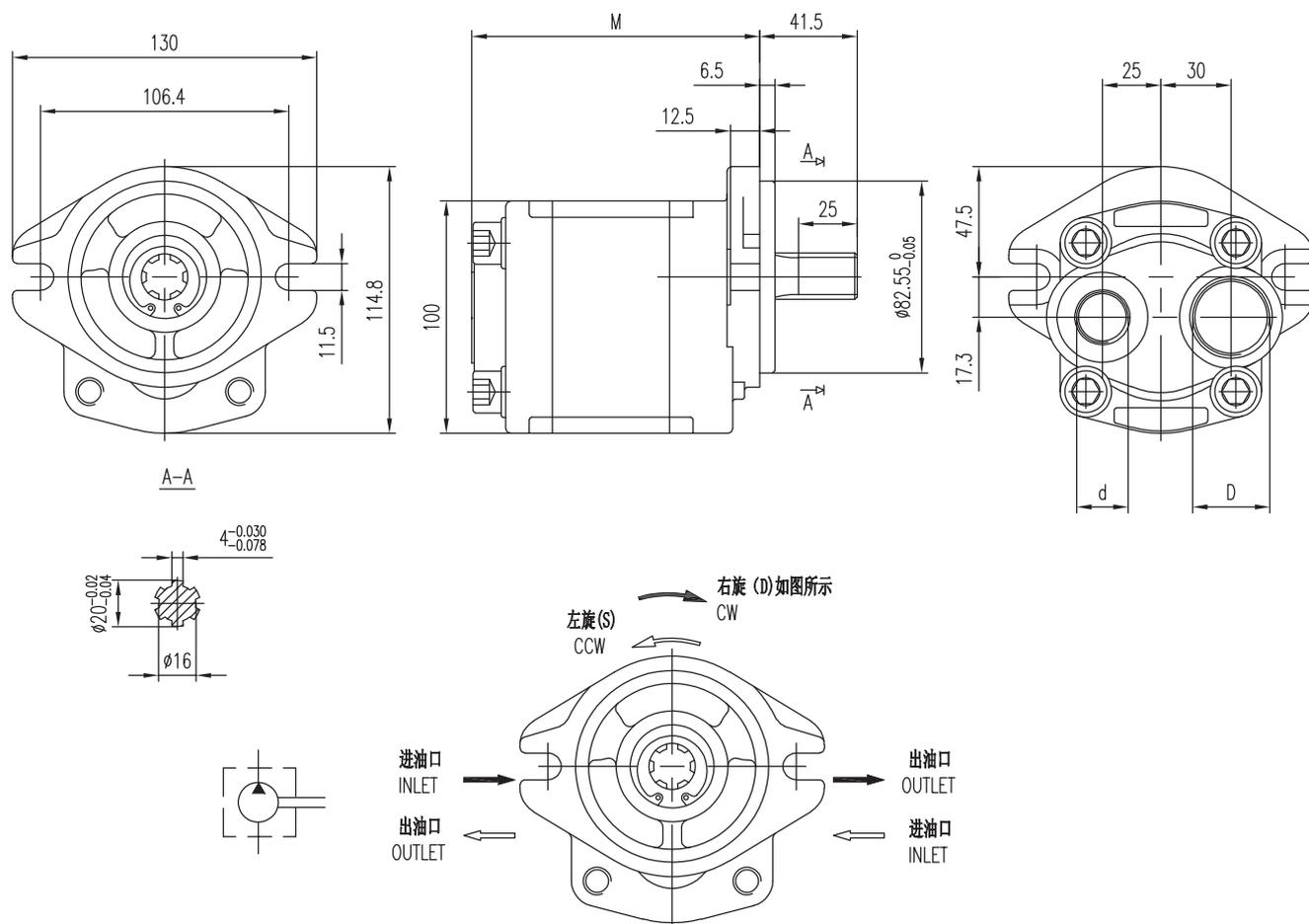
L0/Z0

| 代号 CODE | 进油口 INLET | 出油口 OUTLET |
|------------|--------------|---------------|
| | D | d |
| L0 | G1 | G1/2 |
| Z0 | M33X2 | M22X1.5 |

2.5D系列/Group 2.5D

2.5D系列标准型产品尺寸/Group 2.5D Standard Product Dimensions

BAP2.5D-A0-**D**-**23**-H1-X-**L0**



100+10 Nm M27X2

150+20 Nm M33X2

| 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 | | | | | | | |
| (cm ³ /rev) | bar | bar | bar | (r/min) | (r/min) | Kg | mm | | D | d |
| 23 | 230 | 250 | 260 | 3500 | 600 | 4 | 118 | L0 | G1 | G1/2 |
| 25 | 230 | 250 | 260 | 3500 | 600 | 4.1 | 120 | L0 | G1 | G1/2 |
| 26.5 | 230 | 250 | 260 | 3500 | 600 | 4.2 | 122 | L0 | G1 | G1/2 |
| 28 | 230 | 250 | 260 | 3500 | 600 | 4.25 | 124 | L0 | G1 | G1/2 |
| 30 | 230 | 250 | 260 | 3000 | 600 | 4.35 | 126 | L0 | G1 | G1/2 |
| 32 | 200 | 230 | 250 | 3000 | 600 | 4.44 | 129 | L0 | G1 | G1/2 |
| 36 | 200 | 230 | 250 | 2750 | 500 | 4.65 | 133 | L0 | G1 | G1/2 |
| 40 | 160 | 180 | 200 | 2500 | 500 | 4.9 | 138 | L0 | G1 | G1/2 |

