

# GPC4-G5 系列齿轮泵简介

*Introduction to GPC4-G5 Series Gear Pumps*



## 特点

- 本系列高压齿轮泵采用铝合金结构，具有体积小，重量轻，压力高等特点
- 排量从05至80ml/r, 是GPC4和G5的组合系列
- 安装形式、油口、轴伸有多种设计可供选择
- 可以组装成单联泵、双联泵、三联泵及四联泵结构
- 整个工作过程中，压力平衡耐磨侧板可使泵始终保持高效率输出
- 100%出厂试验检测

## FEATURES

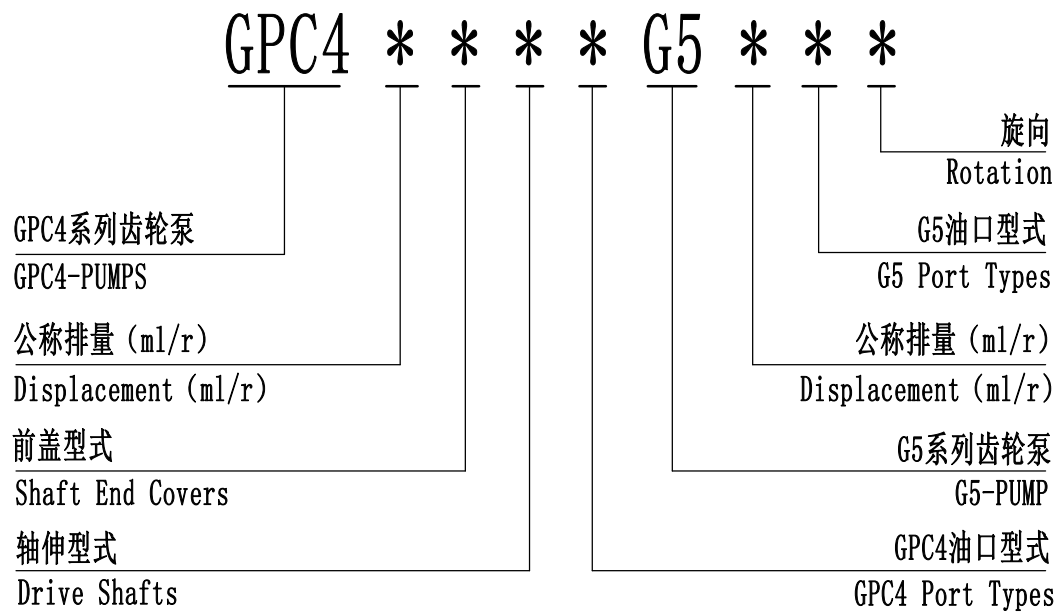
- This series of high-pressure gear pump adopts aluminum alloy structure, with small volume, light weight, high pressure and other characteristics
- Cubic inch displacement from 0.305 through 4.88, a combination of GPC4 and G5
- A wide range of porting, mounting and shaft options available
- Can Be assembled into a single-pump, double-pump, triple pump and four-pump structure
- Pressure balanced wear plates maintain high pump efficiency throughout all operating ranges
- 100% factory tested

## 使用领域 APPLICATION FIELD

该产品设计构造适用于：工业机动车辆、专用汽车、环卫车辆、工程起重机械、铲土运输机械、桩工机械、矿山机械、钻探机械、压实机械等领域

Applicable to: Industrial Motor vehicles, special vehicles, sanitation vehicles, engineering lifting machinery, shovel soil transport machinery, pile machinery, mining machinery, drilling machinery, compaction machinery and other fields

## 标准型号说明 STANDARD MODEL IDENTIFICATION



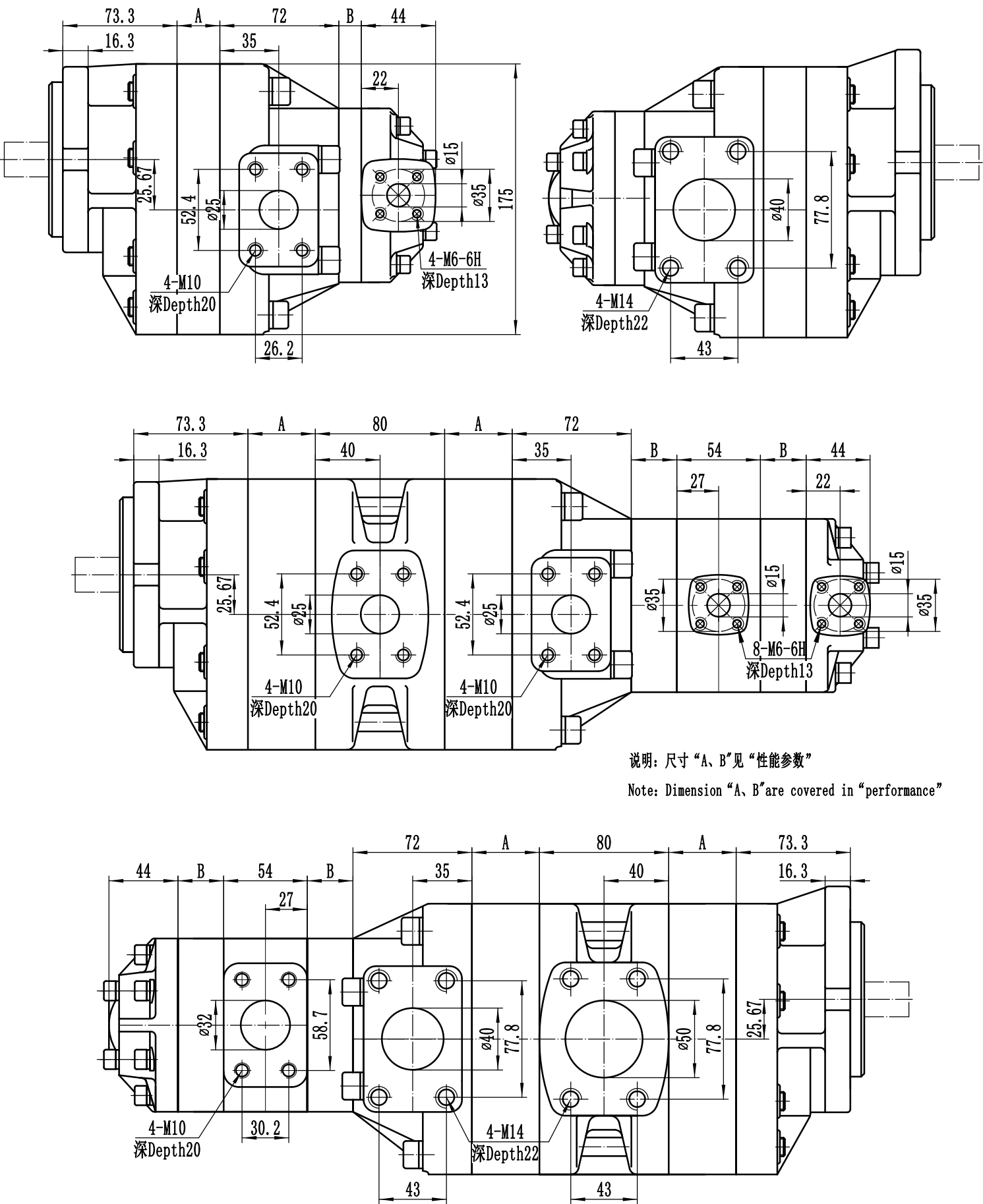
非标准产品型号请咨询派士乐研发中心

For non-standard product options ,consult PARSLE R&D Dept.

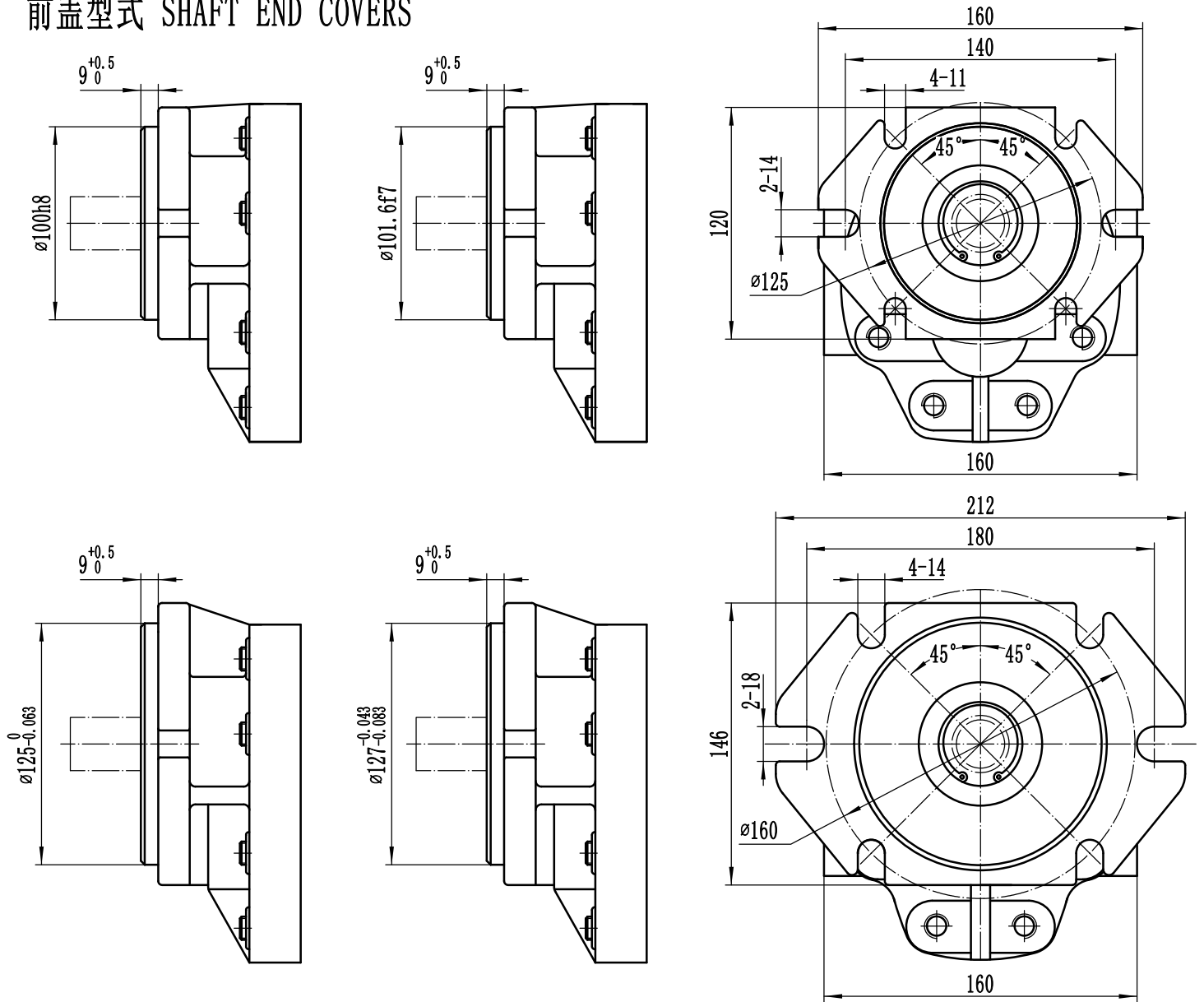
## 性能参数 PERFORMANCE

| 型 号<br>Model | 公称排量<br>Nominal<br>displacement<br>(ml/r) | 额定压力<br>Rated<br>Pressure<br>(MPa) | 最高压力<br>Max.<br>Pressure<br>(MPa) | 最高转速<br>Max.<br>Speed<br>(r/min) | 最低转速<br>Min.<br>Speed<br>(r/min) | A(mm) | 型 号<br>Model | 公称排量<br>Nominal<br>displacement<br>(ml/r) | 额定压力<br>Rated<br>Pressure<br>(MPa) | 最高压力<br>Max.<br>Pressure<br>(MPa) | 最高转速<br>Max.<br>Speed<br>(r/min) | 最低转速<br>Min.<br>Speed<br>(r/min) | B(mm) |
|--------------|-------------------------------------------|------------------------------------|-----------------------------------|----------------------------------|----------------------------------|-------|--------------|-------------------------------------------|------------------------------------|-----------------------------------|----------------------------------|----------------------------------|-------|
| GPC4-16      | 16.8                                      | 25                                 | 28                                | 3000                             | 900                              | 14.0  | G5-05        | 5.2                                       | 21                                 | 26                                | 3000                             | 800                              | 8.0   |
| GPC4-20      | 21.0                                      |                                    |                                   |                                  |                                  | 16.0  | G5-06        | 6.4                                       |                                    |                                   |                                  | 700                              | 10.0  |
| GPC4-25      | 26.2                                      |                                    |                                   |                                  |                                  | 20.0  | G5-08        | 8.1                                       |                                    |                                   |                                  | 600                              | 12.5  |
| GPC4-32      | 32.8                                      |                                    |                                   |                                  |                                  | 25.0  | G5-10        | 10.0                                      |                                    |                                   |                                  |                                  | 15.5  |
| GPC4-40      | 42.0                                      |                                    |                                   |                                  |                                  | 32.0  | G5-12        | 12.6                                      |                                    |                                   |                                  |                                  | 19.5  |
| GPC4-50      | 52.5                                      | 20                                 | 25                                | 2500                             | 600                              | 40.0  | G5-16        | 15.9                                      | 20                                 | 25                                | 500                              | 24.5                             | 24.5  |
| GPC4-63      | 65.6                                      |                                    |                                   |                                  |                                  | 50.0  | G5-20        | 19.9                                      |                                    |                                   |                                  | 30.5                             | 30.5  |
| GPC4-80      | 78.7                                      | 18                                 | 23                                |                                  |                                  | 60.0  | G5-25        | 25.0                                      | 16                                 | 21                                |                                  | 38.5                             | 38.5  |

外形尺寸 Outline Dimensions



## 前盖型式 SHAFT END COVERS



## 轴伸型式 DRIVE SHAFTS

