

# 适用于发电用发动机的 IPD 产品

| | |
|---|---|
| Caterpillar® | **333/342/343/347/348/353/379/398/399/3064<br>3066/3114/3116/3126/3204/3208/3304/3306<br>3400 & 3400E series/3500 & 3500B series/G3600<br>C7/C9/C10/C12/C13/C15/C18/C27/C32** |
| Waukesha® | **7042/7044** |

源自1955年的质量、创新、服务和支持标准

# 无风险节省成本

可靠的高品质零部件有助于最大程度减少停工时间和缩减运行费用。

IPD是优质发电用发动机维修和替换零部件的领先供应商。IPD 零部件已被苛刻的发电厂选用了几十年，事实证明，性能可靠，有助于**减少运行成本。**

## 优质设计和制造

- IPD 零部件规格参数都以最新原厂设计为基础
- 从复杂冶金到技术难度高的精确规格，IPD 工艺确保各个环节都能保持一贯质量
- 精确加工和 IPD 独家专利及正在申请之中的专利帮助 IPD 生产出零部件市场的最佳产品
- 产品质量好，经过热处理和感应硬化，具有特殊涂层
- 垫圈材料专为重型应用设计
- IPD 通过了 Lloyd's Register 的 ISO9001-2008 质量流程认证

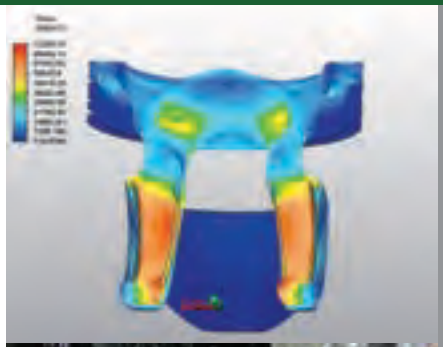
## 技术专长

- IPD 提供零部件市场无与伦比的技术支持（在线技术支持、独家在线目录、技术系列视频和公告、专家级技术和应用人员）
- 知识渊博的分销和客户服务人员遍布全球（经常发表技术媒体文章）

## 保修

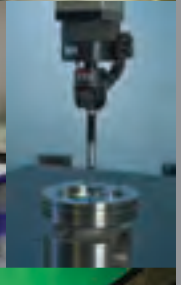
- 提供行业领先的保修服务，火花点火燃气应用产品（大多数发动机组件，请联系 IPD 了解独家产品）享受2年/不限运行时间保修，柴油机应用产品享受1年/3,600小时保修

全球各地的发电厂均信赖 IPD 的发动机零部件，认为能够提供原厂级可靠性/质量/耐用性，极具成本效益，有助于最大程度减少停工时间和提高运行效率

















| Engine | Cyl. Kit Parts | Engine Bearings | OEM Style Gasket Sets | IPD Style Gasket Sets | Valve Train Parts | Water Pump and/or Repair Parts | Oil Coolers & Pump Repair Parts | Fuel Injector or Nozzle | Misc. Fuel System Parts | Crankshaft and/or Camshaft |
|---|---|---|---|---|---|---|---|---|---|---|
| **Caterpillar®** | | | | | | | | | | |
| D333 | ● | ● | ● | ● | ● | ● | ● | | | |
| 342/343/348 | ● | ● | ● | ● | ● | | | ● | | |
| 353/379/398/399 | ● | ● | ● | ● | ● | ● | | ● | ● | |
| 3304/3306 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| 3400/3400E series | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| 3500/3500B series | ● | ● | ● | ● | ● | ● | | | | |
| G3600 | | | ● | ● | | | | | | |
| C7/C9 | ● | ● | ● | ● | ● | ● | ● | ● | | ● |
| C10/C12 | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| C13 | ● | ● | ● | ● | ● | | | | | |
| C15 | ● | ● | ● | ● | ● | ● | ● | | ● | ● |
| C18 | | ● | ● | ● | ● | | ● | | | |
| C27 | ● | ● | | ● | ● | ● | ● | | | |
| C32 | | ● | ● | ● | ● | ● | ● | | | |
| **Waukesha®** | | | | | | | | | | |
| 7042/7044 | ● | ● | ● | ● | ● | | | | | |





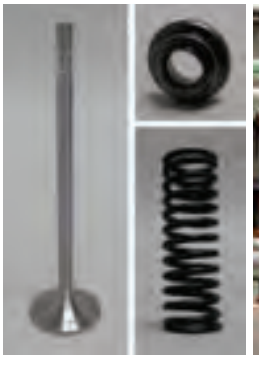






**IPD 为发电行业提供各种优质/设计精良的发动机维修零部件**

- 气缸套件（活塞和衬垫总成）及组件
  - 活塞、活塞环、活塞销、固定器
  - 感应硬化气缸衬垫
- 标准和超大号发动机轴承、轴衬、止推板
- 气阀机构 (阀门、阀座、弹簧、导向装置、锁定装置、升降杆、转动线圈)
- 冷却和润滑系统组件 (油冷却器、水泵、泵大修/改造套件、组件、调节阀)
- 多种硬件（机轴/凸轮轴、气缸体维修套管、隔板等等）
- 各种原厂和 **IPD**Style 1-2-3™ 垫圈





# IPD 发动机零部件

**CATERPILLAR®**

C-Series (C7, C9, C10, C12, C13, C15/C15 Acert, C27, C32)
D3500 Series (D3508/D3512/D3516/D3524)
G3500 Series (G3508/G3512/G3516/G3520)
D3400E Series (D3406E/D3408E/D3412E)
D3400 Series (D3406/D3408/D3412)
G3400 Series (G3406/G3408/G3412)
D3300 Series (D3304/D3306)
G3300 Series (G3304/G3306)
3200 Series (3204/3208)
3100 Series (3114/3116/3126/3176C/3196)
3000 Series (3064/3066)
D300 Series (D333/D339/D342/D343/D346/D348/D353/D379/D398/D399)
G300 Series (G333/G342/G353/G379/G398/G399)

**CUMMINS®** ISX/QSX

**DETROIT DIESEL®** 60 Series

**WAUKESHA®** VHP Series (7042/7044)

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