**ORC產品需求表 (ORC Product Requirement Document)**

依據用戶端熱源、冷源、電力、安裝地點等參數(詳下表)，漢力分析產品性能表現(發電功率)及介面需求規格，量身打造ORC發電機組(螺桿ORC發電容量範圍：10kW~300kW、渦輪ORC發電容量範圍：200kW~2,000kW)，提供最佳化餘熱/廢熱、地熱等發電方案，讓用戶達到節能、減排、綠電及經濟效益。

**ORC設計參數表 (ORC Design Parameters)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **熱源 Heat Source** | | | | | |
| 熱水 Hot Water | 供水溫度(Supply Temperature) | | ℃ |  | |
| 回水溫度(Return Temperature) | | ℃ |  | |
| 流率(Flow Rate) | | kg/hr |  | |
| 蒸汽 Steam | 表壓(Gauge Pressure) | | kg/cm2G |  | |
| barG |  | |
| 溫度(Temperature) | | ℃ |  | |
| 流率(Flow Rate) | | kg/hr |  | |
| 煙氣 Exhaust Gas | 溫度(Temperature) | | ℃ |  | |
| 流率(Flow Rate) | | Nm3/hr |  | |
| kg/hr |  | |
| 其它 Others | 溫度(Temperature) | | ℃ |  | |
| 流率(Flow Rate) | | kg/hr |  | |
| **冷源 Heat Sink** | | | | | |
| 水冷  Water Cooling | 供水溫度(Supply Temperature) | | ℃ |  | |
| 回水溫度(Return Temperature) | | ℃ |  | |
| **電力資料 Electricity Features** | | | | | |
| 發電機種類 Type of Alternator | 感應(異步)發電機 (Asynchronous Type) | | | |  |
| 同步發電機 (Synchronous Type) | | | |  |
| 電壓 (Voltage) | | V | |  |
| 頻率 (Frequency) | | Hz | |  |
| 相數 (Phase) | | phase | | 3 |
| 電力應用 Power Applications | 廠區自用 (Plant Own Power) | | | |  |
| 售電 (Sale of Electricity) | | | |  |
| **安裝區域 (Installation Site)** | | | | | |
| 安裝位置 Installed Location | | 屋內 (Indoor) | | |  |
| 屋外有遮雨棚 (Outdoor with Shelter) | | |  |
| 屋外無遮雨棚 (Outdoor without Shelter) | | |  |
| 防爆需求 Explosion-proof Region | | 非防爆區 (Non-Hazardous Area) | | |  |
| 防爆區 (Hazardous Area) | | |  |
| 其它Others | |  | | |  |

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