

# MV390F-G

V型燃油发电机组

V type diesel fuel (F) engine for Generator Sets

**Tier II Tier III**

Tier III with SCR

缸径Bore: 390mm, 冲程Stroke: 550mm

|                   |                |                              |
|-------------------|----------------|------------------------------|
| 转速 Speed          | r/min          | 600                          |
| 频率 Frequency      | Hz             | 50/60                        |
| 机组型号 Genset Model | 主机功率 Engine kW | 机组功率 Genset kW <sup>1)</sup> |
| 12MV390F-G        | 10200          | 9894                         |
| 14MV390F-G        | 11900          | 11543                        |
| 16MV390F-G        | 13600          | 13192                        |
| 18MV390F-G        | 15300          | 14841                        |
| 20MV390F-G        | 17000          | 16490                        |

备注: 可根据客户需求定制10缸机型

Note: 10 cylinder models can be customized according to customer demands

MCR点经济性指标 Economical performance<sup>2)</sup>

| MCR                        | 燃油消耗率 BSFC      |                  |
|----------------------------|-----------------|------------------|
| 100%                       | 175g/kWh (共轨R版) | 181@g/kWh (机械M版) |
| 滑油消耗率 Lube oil consumption | 0.8 g/kWh       |                  |

尺寸和重量 Dimension and weight<sup>3)</sup>

| 缸数 Cyl.No. |    | 12    | 14    | 16    | 18    | 20    |
|------------|----|-------|-------|-------|-------|-------|
| L          | mm | 13010 | 13850 | 14790 | 15630 | 16470 |
| W          | mm | 3450  | 3450  | 3450  | 3450  | 3450  |
| H          | mm | 4950  | 4950  | 4950  | 4950  | 4950  |
| Dry mass   | t  | 176   | 190   | 205   | 219   | 234   |

\*1) 基于标称发电机效率为97%; Based on nominal generator efficiencies of 97%.

\*2) 基于燃料低热值为42700 kJ/kg; ISO工况条件;

This based on diesel fuel with low heating value 42700 kJ/kg and ISO condition.

\*3) 实际尺寸及重量取决于所用发电机; Dimensions are not finally fixed, Depending on alternator applied.

