

# MV390DF-G

V型双燃料发电机组

V type dual fuel (DF) engine for Generator Sets

缸径Bore:390 mm, 冲程Stroke:550 mm

**Tier II** **Tier III**

**Tier III in gas mode**

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>	
12MV390DF-G	7800	7566	
14MV390DF-G	9100	8827	
16MV390DF-G	10400	10088	
18MV390DF-G	11700	11349	
20MV390DF-G	13000	12610	

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	能耗BSEC	pilot fuel@gas mode
100%	186 g/kWh	7900 kJ/kWh	1.8 g/kWh
滑油消耗率Lube oil consumption		0.8 g/kWh	

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

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) 基于天然气低热值为44.87MJ/kg; 燃油低热值42700kJ/kg; ISO工况条件;

燃料消耗已考虑了微引燃油。

This based on the nature gas with low heating value 44.87 MJ/kg, diesel fuel with low heating value 42700 kJ/kg and ISO condition, Micro-pilot fuel consumption already considered.

\*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.

