

# MV320DF-G

V型双燃料发电机组

V type dual fuel (DF) engine for Generator Sets

**Tier II Tier III**

**Tier III in gas mode**

缸径Bore: 320 mm, 冲程Stroke: 420 mm

转速 Speed	r/min	720	750
频率 Frequency	Hz	60	50
平均有效压力 MEP	bar	21.5	20.6
机组型号 Genset Model	主机功率 Engine kW	机组功率 Genset kW <sup>1)</sup>	
12MV320DF-G	5220	5060	
14MV320DF-G	6090	5906	
16MV320DF-G	6960	6750	
18MV320DF-G	7830	7594	

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

MCR	Gas mode (>99% gas)	燃料消耗率BSFC 165.4 g/kWh	能耗BSEC 7423 kJ/kWh	热效率Efficiency 48.5%
@ 100%	Diesel mode (100% Diesel)		燃油消耗率BSFC 185 g/kWh	
滑油消耗率Lube oil consumption			0.6 g/kWh	

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

Cyl.No.		12	14	16	18
L	mm	11200	12050	12800	13580
W	mm	3190	3190	3190	3190
H1	mm	1690	1690	1690	1690
H2	mm	2704	2704	2704	3010
H3	mm	4394	4394	4394	4394
Dry mass	t	100	115	128	140

\*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) 本尺寸仅作参考, 实际规格以具体项目协议书中定义的尺寸为准。

This size is only for reference. The actual size is subject to the size defined in the agreement of the specific project.

