

MV450DF-G (电站应用)

V型双燃料发电机组 In-line type dual fuel (DF) engine for Generator Sets

缸径 Bore: 450mm, 冲程 Stroke: 600mm

转速 speed	r/min	600
频率 frequency	Hz	60/50
平均有效压力 MEP	bar	24.1
缸数 Cyl	主机功率 Engine <i>kW</i>	机组功率 Genset <i>kW¹⁾</i>
12	13800	13380
14	16100	15610
16	18400	17840
18	20700	20070
20	23000	22310

MCR 点经济性指标 Economical performance ²⁾

MCR	Gas mode	燃料消耗率 BSFC	能耗 BSEC	热效率 Efficiency
		----	7420kJ/kWh	48.5%
	Diesel mode (100% Diesel)		燃油消耗率 BSFC	185g/kWh
滑油消耗率 Lube oil consumption		0.8g/kWh		

尺寸和重量 Dimension and weight³⁾

	Cyl.No.	12	14	16	18	20
L	mm	16450	17500	18700	19900	21000
W	mm	4600	4600	5200	5200	5200
H	mm	5500	5500	5500	5700	5700
Dry mass	t	230	270	310	350	395

*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 44.87MJ/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..

