

# ML450DF-P

直列型双燃料推进主机

In-line type dual fuel (DF) engine for Main Propulsion

Tier II Tier III

Tier III in gas mode

缸径 Bore: 450mm, 冲程 Stroke: 600mm

转速 speed	r/min	600
平均有效压力 MEP	bar	24.1
缸数 (Cyl)		功率kW
6		6900
7		8050
8		9200
9		10350

MCR 点经济性指标 Economical performance<sup>1)</sup>

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

尺寸和重量 Dimension and weight<sup>2)</sup>

Cyl.No.		6	7	8	9
L	mm	9200	10000	10800	11650
W	mm	3200	3200	3200	3200
H1	mm	1500	1500	1500	1500
H2	mm	3900	3900	3900	3900
H3	mm	5500	5500	5500	5500
Dry mass	t	102	118	130	145

\*1) 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.

\*2) 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.

