

ML320DM-P

直列型双燃料推进主机

In-line type methanol (DF) engine for Main Propulsion

缸径Bore: 320 mm, 冲程Stroke: 420 mm

Tier II Tier III

Tier III in methanol mode

转速speed	r/min	750
平均有效压力MEP	bar	19.2
型号 Model		功率 kW
6ML320DM-P		3000
7ML320DM-P		3500
8ML320DM-P		4000
9ML320DM-P		4500

MCR点经济性指标Economical performance¹⁾

MCR @ 100%	Methanol mode (>60% methanol)	燃料消耗率BSFC 100 g/kWh	能耗BSEC 7728 kJ/kWh	热效率Efficiency 46.3%
	Diesel mode (100% Diesel)		燃油消耗率BSFC 180 g/kWh	
滑油消耗率Lube oil consumption			0.6g/kWh	

尺寸和重量Dimension and weight²⁾

缸数 Cyl.No		6	7	8	9
L	mm	5769	6289	6872	7392
W	mm	2370	2370	2500	2500
H1	mm	1150	1150	1150	1150
H2	mm	2817	2817	3010	3010
H3	mm	4912	4912	4912	4912
Dry mass	t	35.5	39.5	44	48

*1) 基于methanol低热值为19.6MJ/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 methanol with low heating value 19.6 MJ/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.

