

ML320DF-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:320mm, 冲程Stroke:420mm

转速speed	r/min	750
平均有效压力MEP	bar	20.6
缸数Cyl		功率kW
6		2610
7		3045
8		3480
9		3915

MCR点经济性指标Economical performance¹⁾

MCR @ 100%	Gas mode (>99% gas)	燃料消耗率BSFC 165.4g/kWh	能耗BSEC 7423kJ/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			0.6g/kWh	

尺寸和重量Dimension and weight²⁾

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.

