

ML320DF-G

直列型双燃料发电机组

In-line type dual fuel (DF) engine for Generator Sets

Tier II Tier III

Tier III in gas mode

缸径Bore: 320mm, 冲程Stroke: 420mm

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
缸数Cyl		主机功率Engine kW	机组功率Genset kW ¹⁾
6		2610	2530
7		3045	2953
8		3480	3375
9		3915	3797

MCR点经济性指标Economical performance²⁾

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 185g/kWh	
滑油消耗率Lube oil consumption			0.6g/kWh	

尺寸和重量Dimension and weight³⁾

Cyl.No.		6	7	8	9
L	mm	8957	9477	10057	10577
W	mm	2606	2606	2736	2736
H1	mm	1285	1285	1285	1285
H2	mm	2817	2817	3010	3010
H3	mm	5047	5047	5047	5047
Dry mass	t	53.5	57.5	70	73.5

*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.

