

# MV320F-N

V型机械燃油核电应急机组

V type mechanical fuel injection(M) engine for Nuclear power station

缸径Bore: 320 mm, 冲程Stroke: 420 mm

转速speed	r/min	720	750
频率frequency	Hz	60	50
缸数Cyl	主机功率Engine kW	机组功率Genset kW <sup>1)</sup>	
12MV320F-N	6000	5820	
14MV320F-N	7000	6790	
16MV320F-N	8000	7760	
18MV320F-N	9000	8730	

MCR点经济性指标Economical performance<sup>2)</sup>

MCR	燃油消耗率BSFC
100%	179 g/kWh
滑油消耗率Lube oil consumption	0.6 g/kWh

尺寸和重量Dimension and weight<sup>3)</sup>

Cyl.No.		6	7	8	9
L	mm	11200	12050	12800	13580
W	mm	3190	3190	3190	3190
H	mm	4394	4394	4394	4394
Dry mass	t	100	115	128	140

\*1) 基于标称发电机效率为97%; Based on nominal generator efficiencies of 97%

\*2) 基于燃料低热值为42700kJ/kg; ISO工况条件。

This based on diesel fuel with low heating value 42700 kJ/kg and ISO condition;

\*3) 实际尺寸及重量取决于所用发电机。Dimensions are not finally fixed, Depending on alternator applied

