CSSC 中船动力(集团)有限公司
CSSC Power (Group) Co., Ltd.

自主品牌系列四冲程发电机组

M390系列四冲程发电机组

M390 Four-stroke Gensets



ML390EF-P 直列型共轨版(电站应用)

缸径Bore:390mm,冲程Stroke:550mm

Speed	600r/min	
频率	50/60Hz	
	柴油机功率/kW	发电机功率/kW*
5ML390EF-P	4250	4122
6ML390EF-P	5100	4947
7ML390EF-P	5950	5772
8ML390EF-P	6800	6596
9ML390EF-P	7650	7421

燃油消耗率 Specific Fuel Oil Consumption (SFOC) to ISO condition*

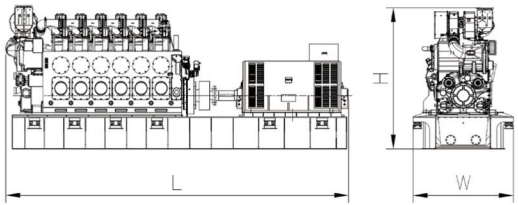
MCR	100%
ML390EF-P	179 g/kWh+5%

滑油消耗率 Specific lube oil consumption 0.8g/kWh

尺寸 Dimension*

Cyl.No.		5	6	7	8	9
L	mm	10620	11320	12020	12720	13420
W	mm	2480	2480	2480	2480	2480
H	mm	4820	4820	4820	4820	4820
Dry mass	t	124	133	141	149	159

*基于标称发电机效率为97%　**实际尺寸及重量取决于所用发电机



MV390EF-P V型共轨版(电站应用)

缸径Bore:390mm,冲程Stroke:550mm

Speed	600r/min	
频率	50/60Hz	
	柴油机功率/kW	发电机功率/kW*
10MV390EF-P	8500	8245
12MV390EF-P	10200	9894
14MV390EF-P	11900	11543
16MV390EF-P	13600	13192
18MV390EF-P	15300	14841
20MV390EF-P	17000	16490

燃油消耗率 Specific Fuel Oil Consumption (SFOC) to ISO condition*

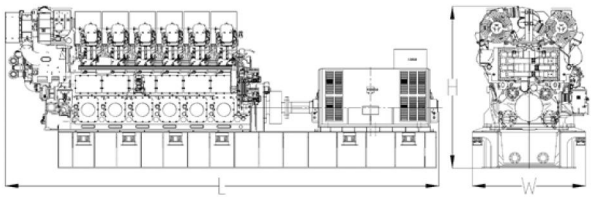
MCR	100%
MV390EF-P	179 g/kWh+5%

滑油消耗率 Specific lube oil consumption 0.8g/kWh

尺寸 Dimension*

Cyl.No.		10	12	14	16	18	20
L	mm	12170	13010	13850	14790	15630	16470
W	mm	3450	3450	3450	3450	3450	3450
H	mm	4950	4950	4950	4950	4950	4950
Dry mass	t	162	176	190	205	219	234

*基于标称发电机效率为97%　**实际尺寸及重量取决于所用发电机



ML390MF-P 直列型机械版(电站应用)

缸径Bore:390mm,冲程Stroke:550mm

Speed	600r/min	
频率	50/60Hz	
	柴油机功率/kW	发电机功率/kW*
5ML390MF-P	4250	4122
6ML390MF-P	5100	4947
7ML390MF-P	5950	5772
8ML390MF-P	6800	6596
9ML390MF-P	7650	7421

燃油消耗率 Specific Fuel Oil Consumption (SFOC) to ISO condition*

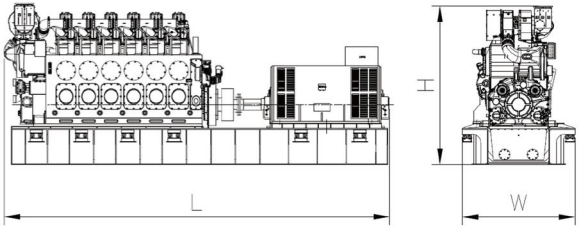
MCR	100%
ML390MF-P	184 g/kWh+5%

滑油消耗率 Specific lube oil consumption 0.8g/kWh

尺寸 Dimension*

Cyl.No.		5	6	7	8	9
L	mm	10620	11320	12020	12720	13420
W	mm	2480	2480	2480	2480	2480
H	mm	4820	4820	4820	4820	4820
Dry mass	t	124	133	141	149	159

*基于标称发电机效率为97%　**实际尺寸及重量取决于所用发电机



MV390MF-P V型机械版(电站应用)

缸径Bore:390mm,冲程Stroke:550mm

Speed	600r/min	
频率	50/60Hz	
	柴油机功率/kW	发电机功率/kW*
10MV390MF-P	8500	8245
12MV390MF-P	10200	9894
14MV390MF-P	11900	11543
16MV390MF-P	13600	13192
18MV390MF-P	15300	14841
20MV390MF-P	17000	16490

燃油消耗率 Specific Fuel Oil Consumption (SFOC) to ISO condition*

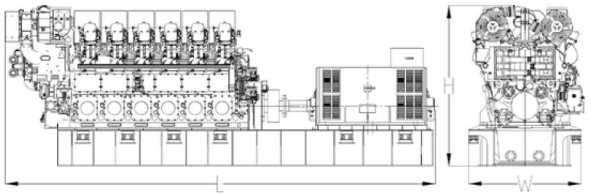
MCR	100%
MV390MF-P	184 g/kWh+5%

滑油消耗率 Specific lube oil consumption 0.8g/kWh

尺寸 Dimension*

Cyl.No.		10	12	14	16	18	20
L	mm	12170	13010	13850	14790	15630	16470
W	mm	3450	3450	3450	3450	3450	3450
H	mm	4950	4950	4950	4950	4950	4950
Dry mass	t	162	176	190	205	219	234

*基于标称发电机效率为97%　**实际尺寸及重量取决于所用发电机



ML390DF-P 直列型双燃料版(电站应用)

缸径Bore:390mm，冲程Stroke:550mm

Speed	600r/min	
频率	50/60Hz	
	柴油机功率/kW	发电机功率/kW*
5ML390DF-P	3250	3152
6ML390DF-P	3900	3783
7ML390DF-P	4550	4413
8ML390DF-P	5200	5044
9ML390DF-P	5850	5675

燃油消耗率 Specific Fuel Oil Consumption (SFOC) to ISO condition*

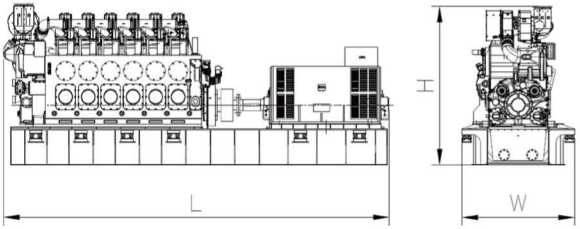
MCR	100%(fuel oil)	100%(fuel gas)
ML390DF-P	186 g/kWh+5%	7900 KJ/kWh

滑油消耗率 Specific lube oil consumption 0.8g/kWh

尺寸 Dimension*

Cyl.No.		5	6	7	8	9
L	mm	10620	11320	12020	12720	13420
W	mm	2480	2480	2480	2480	2480
H	mm	4820	4820	4820	4820	4820
Dry mass	t	124	133	141	149	159

*基于标称发电机效率为97%　**实际尺寸及重量取决于所用发电机



MV390DF-P V型双燃料版(电站应用)

缸径Bore:390mm，冲程Stroke:550mm

Speed	600r/min	
频率	50/60Hz	
	柴油机功率/kW	发电机功率/kW*
10MV390DF-P	6500	6305
12MV390DF-P	7800	7566
14MV390DF-P	9100	8827
16MV390DF-P	10400	10088
18MV390DF-P	11700	11349
20MV390DF-P	13000	12610

燃油消耗率 Specific Fuel Oil Consumption (SFOC) to ISO condition*

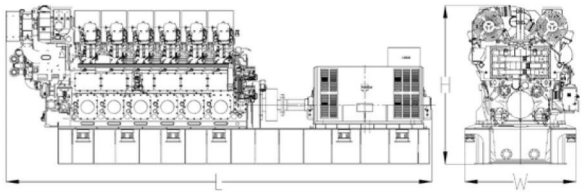
MCR	100%(fuel oil)	100%(fuel gas)
MV390DF-P	186 g/kWh+5%	7900 KJ/kWh

滑油消耗率 Specific lube oil consumption 0.8g/kWh

尺寸 Dimension*

Cyl.No.		10	12	14	16	18	20
L	mm	12170	13010	13850	14790	15630	16470
W	mm	3450	3450	3450	3450	3450	3450
H	mm	4950	4950	4950	4950	4950	4950
Dry mass	t	162	176	190	205	219	234

*基于标称发电机效率为97%　**实际尺寸及重量取决于所用发电机



ML390MF-N 直列型机械版(核电应用)

缸径Bore:390mm，冲程Stroke:550mm

Speed	600r/min	
频率	50/60Hz	
	柴油机功率/kW	发电机功率/kW*
5ML390MF-N	4250	4122
6ML390MF-N	5100	4947
7ML390MF-N	5950	5772
8ML390MF-N	6800	6596
9ML390MF-N	7650	7421

燃油消耗率 Specific Fuel Oil Consumption (SFOC) to ISO condition*

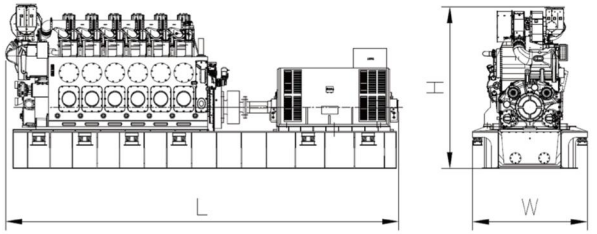
MCR	100%
ML390MF-N	184 g/kWh+5%

滑油消耗率 Specific lube oil consumption 0.8g/kWh

尺寸 Dimension*

Cyl.No.		5	6	7	8	9
L	mm	10620	11320	12020	12720	13420
W	mm	2480	2480	2480	2480	2480
H	mm	4820	4820	4820	4820	4820
Dry mass	t	124	133	141	149	159

*基于标称发电机效率为97%　**实际尺寸及重量取决于所用发电机



MV390MF-N V型机械版(核电应用)

缸径Bore:390mm，冲程Stroke:550mm

Speed	600r/min	
频率	50/60Hz	
	柴油机功率/kW	发电机功率/kW*
10MV390MF-N	8500	8245
12MV390MF-N	10200	9894
14MV390MF-N	11900	11543
16MV390MF-N	13600	13192
18MV390MF-N	15300	14841
20MV390MF-N	17000	16490

燃油消耗率 Specific Fuel Oil Consumption (SFOC) to ISO condition*

MCR	100%
MV390MF-N	184 g/kWh+5%

滑油消耗率 Specific lube oil consumption 0.8g/kWh

尺寸 Dimension*

Cyl.No.		10	12	14	16	18	20
L	mm	12170	13010	13850	14790	15630	16470
W	mm	3450	3450	3450	3450	3450	3450
H	mm	4950	4950	4950	4950	4950	4950
Dry mass	t	162	176	190	205	219	234

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