

CPGC-MAN系列四冲程发电机组

CPGC - Man Four-stroke Gensets



○ L16/24

缸径 Cylinder Bore	160mm			
冲程 Stroke	240mm			
Speed	1,200 r/min		1,000 r/min	
Freq.	60 Hz		50 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
5L16/24	500	475	450	428
6L16/24	660	627	570	542
7L16/24	770	732	665	632
8L16/24	880	836	760	722
9L16/24	990	941	855	812

尺寸 Dimensions **

Cyl.No.		5	6	7	8	9
	r/min	1200/1000	1200/1000	1200/1000	1200/1000	1200/1000
A	mm	2,807	3,082	3,557	3,832	4,107
B	mm	1,400	1,490	1,585	1,680	1,680
C	mm	4,207	4,572	5,142	5,512	5,787
H	mm	2,337	2,337	2,415/2,337	2,415	2,415
Dry mass	t	9.5	10.5	11.4	12.4	13.1

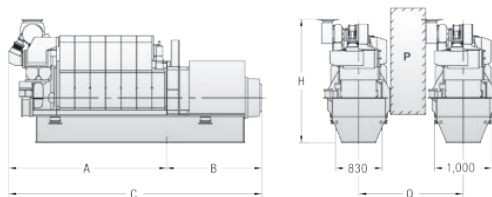
注:具体尺寸根据具体电机型号确定,以上尺寸仅供参考。

Note: The above dimension: only reference.

The final dimensions are determined by the type of alternator.

*基于标称发电机效率为95%,具体机组功率由发电机效率决定。

*Based on nominal generator efficiencies of 95%. The final generator set power is determined by the power of the alternator.



P 柴油机组之间的自由通道,宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q 柴油机组间隔的最小距离:1800mm。

Q~Min.distance between centre of engines:1800mm.

○ L21/31

缸径 Cylinder Bore	210mm			
冲程 Stroke	310mm			
Speed	900 r/min		1,000 r/min	
Freq.	60 Hz		50 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
5L21/31	1,000	950	1,000	950
6L21/31	1,320	1,254	1,320	1,254
7L21/31	1,540	1,463	1,540	1,463
8L21/31	1,760	1,672	1,760	1,672
9L21/31	1,980	1,881	1,980	1,881

尺寸 Dimensions **

Cyl.No.		5	6	7	8	9
	r/min	900/1000	900/1000	900/1000	900/1000	900/1000
A	mm	3,485	3,840	4,258	5,161	5,516
B	mm	1,870	2,000	1,970	2,110	2,135
C	mm	5,355	5,840	6,228	7,208	7,651
H	mm	3,183	3,183	3,289	3,289	3,289
Dry mass	t	22.3	25.8	29.3	32.8	36.3

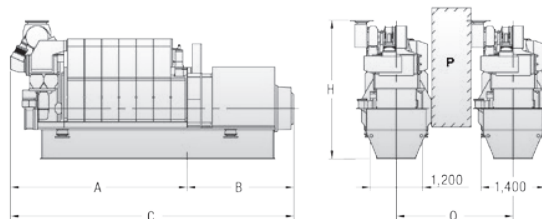
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P 柴油机组之间的自由通道,宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q 柴油机组间隔的最小距离:2500mm(不带操作平台)/2700mm(带操作平台)。

Q~Min.distance between centre of engines:2500mm(without gallery)/2700mm(with gallery).

○ L23/30H

缸径 Cylinder Bore	225mm					
冲程 Stroke	300mm					
Speed	720 r/min		750 r/min		1,000 r/min	
Freq.	60 Hz		50 Hz		50 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
5L23/30H ECR	525	500	525	500	-	-
5L23/30H	650	620	675	640	-	-
6L23/30H	780	740	810	770	960	910
7L23/30H	910	865	945	900	1,120	1,065
8L23/30H	1,040	990	1,080	1,025	1,280	1,215

尺寸 Dimensions **

Cyl.No.		5	6	6	7	7	8	8
	r/min	720/750	720/750	900	720/750	900	720/750	900
A	mm	3,369	3,738	3,738	4,109	4,109	4,475	4,475
B	mm	2,155	2,265	2,265	2,395	2,395	2,480	2,340
C	mm	5,524	6,004	6,004	6,504	6,504	6,959	6,815
H	mm	2,383	2,383	2,815	2,815	2,815	2,815	2,815
Dry mass	t	18.0	19.7	21.0	21.4	22.8	23.5	24.5

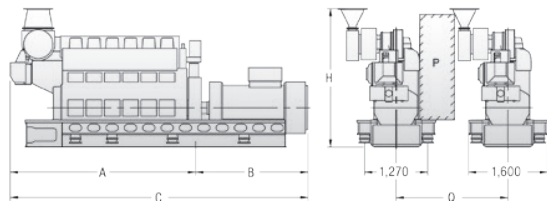
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P柴油机组之间的自由通道,宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q柴油机组间隔的最小距离:2250mm。

Q~Min.distance between centre of engines :2250mm.

○ L23/30H Mk2

缸径 Cylinder Bore	225mm					
冲程 Stroke	300mm					
Speed	720 r/min		750 r/min		900 r/min	
Freq.	60 Hz		50 Hz		60 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
5L23/30H Mk2 ECR	580	550	580	550	-	-
5L23/30H Mk2	710	675	740	703	-	-
6L23/30H Mk2	852	809	888	844	1,050	998
7L23/30H Mk2	994	944	1,036	984	1,225	1,164
8L23/30H Mk2	1,136	1,079	1,184	1,125	1,400	1,330

尺寸 Dimensions **

Cyl.No.		5	6	6	7	7	8	8
	r/min	720/750	720/750	900	720/750	900	720/750	900
A	mm	3,379	3,749	3,749	4,119	4,276	4,489	4,896
B	mm	2,202	2,252	2,252	2,302	2,302	2,352	2,352
C	mm	5,581	6,001	6,001	6,421	6,578	6,841	7,248
H	mm	2,621	2,621	2,621	2,621	2,621	2,621	2,621
Dry mass	t	16.8	18.4	18.6	20.7	20.7	22.5	22.6

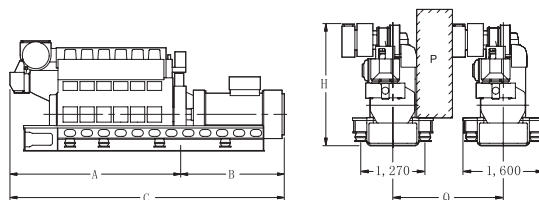
注:机组具体尺寸根据电机型号最终确定,以上尺寸仅供参考。

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P柴油机组之间的自由通道,宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q柴油机组间隔的最小距离:2250mm(不带操作平台)/2600mm(带操作平台)。

Q~Min.distance between centre of engines :2250mm(without gallery)/2600mm(with gallery).

○ L23/30H Mk3

缸径 Cylinder Bore	225mm					
冲程 Stroke	300mm					
Speed	720 r/min		750 r/min		900 r/min	
Freq.	60 Hz		50 Hz		60 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
5L23/30H Mk3 ECR	500	475	-	-	-	-
5L23/30H Mk3	850	810	885	840	-	-
6L23/30H Mk3	1020	970	1062	1010	1200	1140
7L23/30H Mk3	1190	1130	1239	1180	1400	1330
8L23/30H Mk3	1360	1290	1416	1345	1600	1520
9L23/30H Mk3	1530	1455	1593	1515	1800	1710

尺寸 Dimensions **

Cyl.No.		5	6	6	7	7	8	8	9	9
r/min	720ECR/720/750	720/750	900	720/750	900	720/750	900	720/750	900	720/750
A	mm	3379	3749	3749	4119	4276	4489	4896	4859	5266
B	mm	2202	2252	2252	2302	2302	2352	2352	2402	2402
C	mm	5581	6001	6001	6421	6578	6841	7248	7261	7668
H	mm	2621	2621	2621	2621	2621	2621	2621	2621	2621
Dry mass	t	16.8	18.4	18.6	20.7	20.7	22.5	22.6	24.5	24.5

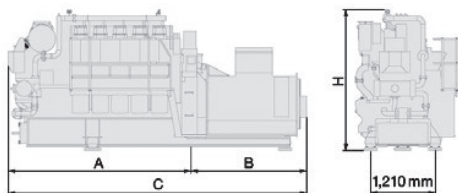
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Note: The above dimension: only reference.

The final dimensions are determined by the type of alternator.

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*Based on nominal generator efficiencies of 95%. The final generator set power is determined by the power of the alternator.



P柴油机组之间的自由通道, 宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q柴油机组间隔的最小距离: 2250mm(不带操作平台)/2600mm(带操作平台)。

Q~Min.distance between centre of engines: 2250mm(without gallery)/2600mm(with gallery).

○ L23/30DF

缸径 Cylinder Bore	225mm					
冲程 Stroke	300mm					
Speed	720 r/min		750 r/min		900 r/min	
Freq.	60 Hz		50 Hz		60 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
5L23/30DF	625	590	625	590	-	-
6L23/30DF	750	710	750	710	900	855
7L23/30DF	875	830	875	830	1,050	995
8L23/30DF	1,000	950	1,000	950	1,200	1,140

尺寸 Dimensions **

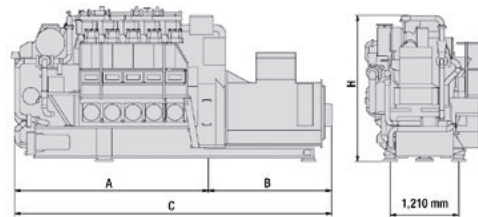
Cyl.No.		5	6	6	7	7	8	8
r/min	720/750	720/750	900	720/750	900	720/750	900	720/750
A	mm	3,469	3,839	3,839	4,209	4,276	4,579	4,896
B	mm	2,202	2,252	2,252	2,302	2,302	2,352	2,352
C	mm	5,671	6,091	6,091	6,511	6,578	6,931	7,241
H	mm	2,749	2,749	2,749	2,749	2,749	2,749	2,749
Dry mass	t	17.3	19.0	19.2	21.4	21.4	23.3	23.4

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*Based on nominal generator efficiencies of 95%. The final generator set power is determined by the power of the alternator.

燃气/燃料比: 负荷 20-100% ~99/1 (Tier II) 燃气甲烷值 ≥ 80

Gas / fuel ratio: at load 20-100% ~99 / 1 (Tier II) Gas methane number ≥ 80



P柴油机组之间的自由通道, 宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q柴油机组间隔的最小距离: 2250mm(不带操作平台)/2600mm(带操作平台)。

Q~Min.distance between centre of engines: 2250mm(without gallery)/2600mm(with gallery).

○ L27/38

缸径 Cylinder Bore	270mm			
冲程 Stroke	380mm			
Speed	720/750 r/min		720/750 r/min(MGO/MDO)	
Freq.	60/50 Hz		60/50 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
5L27/38	1,500/1,600	1,440/1,536		
6L27/38	1,980	1,900	2,100	2,016
7L27/38	2,310	2,218	2,450	2,352
8L27/38	2,640	2,534	2,800	2,688
9L27/38	2,970	2,851	3,150	3,024

尺寸 Dimensions **

Cyl.No.		5	6	7	8	9
	r/min	720/750	720/750	720/750	720/750	720/750
A	mm	4,346	4,791	5,236	5,681	6,126
B	mm	2,486	2,766	2,766	2,986	2,986
C	mm	6,832	7,557	8,002	8,667	9,112
H	mm	3,712	3,712	3,899	3,899	3,899
Dry mass	t	40.0	44.5	50.4	58.2	64.7

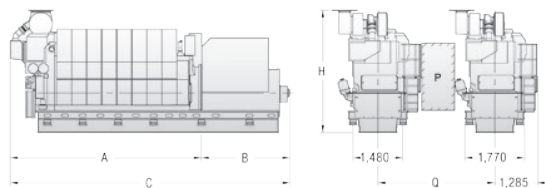
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*基于标称发电机效率为96%，具体机组功率由发电机效率决定。

*Based on nominal generator efficiencies of 96%. The final generator set power is determined by the power of the alternator.



P柴油机组之间的自由通道,宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q柴油机组间隔的最小距离:2900mm(不带操作平台)/3100mm(带操作平台)。

Q~Min.distance between centre of engines:2900mm(without gallery)/3100mm(with gallery).

○ L28/32DF

缸径 Cylinder Bore	280mm			
冲程 Stroke	320mm			
Speed	720 r/min		750 r/min	
Freq.	60 Hz		50 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
5L28/32DF	1,050	1,000	1,050	1,000
6L28/32DF	1,260	1,200	1,260	1,200
7L28/32DF	1,470	1,400	1,470	1,400
8L28/32DF	1,680	1,600	1,680	1,600
9L28/32DF	1,890	1,800	1,890	1,800

尺寸 Dimensions **

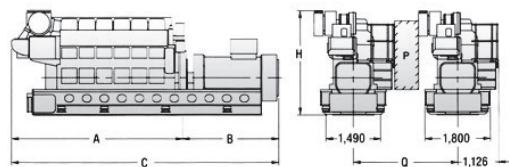
Cyl.No.		5	6	7	8	9
	r/min	720/750	720/750	720/750	720/750	720/750
A	mm	4,321	4,801	5,281	5,761	6,241
B	mm	2,400	2,510	2,680	2,770	2,690
C	mm	6,721	7,311	7,961	8,531	8,931
H	mm	2,835	3,009	3,009	3,009	3,009
Dry mass	t	32.6	36.3	39.4	40.7	47.1

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*Based on nominal generator efficiencies of 95%. The final generator set power is determined by the power of the alternator.

燃气/燃料比:负荷 20-100% ~99/1 (Tier II) 燃气甲烷值 ≥ 80

Gas / fuel ratio:at load 20-100% ~99 / 1 (Tier II) Gas methane number ≥ 80



P柴油机组之间的自由通道,宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q柴油机组间隔的最小距离:2655mm(不带操作平台)/2850mm(带操作平台)。

Q~Min.distance between centre of engines:2655mm(without gallery)/2850mm(with gallery).

○ L28/32H

缸径 Cylinder Bore	280mm			
冲程 Stroke	320mm			
Speed	720 r/min		750 r/min	
Freq.	60 Hz		50 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
5L28/32H	1,050	1,000	1,100	1,045
6L28/32H	1,260	1,200	1,320	1,255
7L28/32H	1,470	1,400	1,540	1,465
8L28/32H	1,680	1,600	1,760	1,670
9L28/32H	1,890	1,800	1,980	1,880

尺寸 Dimensions **

Cyl.No.		5	6	7	8	9
	r/min	720/750	720/750	720/750	720/750	720/750
A	mm	4,279	4,759	5,499	5,979	6,199
B	mm	2,400	2,510	2,680	2,770	2,690
C	mm	6,679	7,269	8,179	8,749	8,889
H	mm	3,184	3,184	3,374	3,374	3,534
Dry mass	t	32.6	36.3	39.4	40.7	47.1

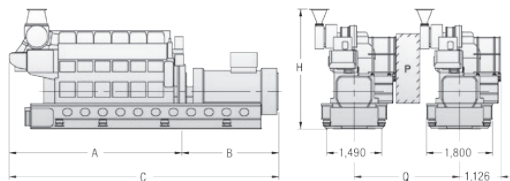
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P 柴油机之间的自由通道,宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q 柴油机间隔的最小距离:2655mm(不带操作平台)/2850mm(带操作平台)。

Q~Min.distance between centre of engines:2655mm(without gallery)/2850mm(with gallery).

○ L32/40

缸径 Cylinder Bore	320mm			
冲程 Stroke	400mm			
Speed	720 r/min		750 r/min	
Freq.	60 Hz		50 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
6L32/40	3,000	2,895	3,000	2,895
7L32/40	3,500	3,378	3,500	3,378
8L32/40	4,000	3,860	4,000	3,860
9L32/40	4,500	4,343	4,500	4,343

尺寸 Dimensions **

Cyl.No.		6	7	8	9
	r/min	720/750	720/750	720/750	720/750
A	mm	6,340	6,870	7,400	7,930
B	mm	3,415	3,415	3,635	3,635
C	mm	9,755	10,285	11,035	11,565
H	mm	4,622	4,622	4,840	4,840
Dry mass	t	75.0	79.0	87.0	91.0

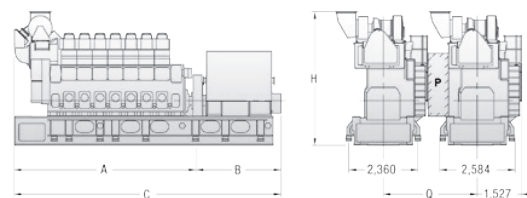
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*基于标称发电效率为96.5%,具体机组功率由发电机效率决定。

*Based on nominal generator efficiencies of 96.5%. The final generator set power is determined by the power of the alternator.



P 柴油机之间的自由通道,宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q 柴油机间隔的最小距离:2835mm(不带操作平台)/3220mm(带操作平台)。

Q~Min.distance between centre of engines:2835mm(without gallery)/3220mm(with gallery).

○ V32/40

缸径 Cylinder Bore	320mm			
冲程 Stroke	400mm			
Speed	720 r/min		750 r/min	
Freq.	60 Hz		50 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
12V32/40	6,000	5,820	6,000	5,820
14V32/40	7,000	6,790	7,000	6,790
16V32/40	8,000	7,760	8,000	7,760
18V32/40	9,000	8,730	9,000	8,730

尺寸 Dimensions **

Cyl.No.		12	14	16	18
L	mm	11,045	11,710	12,555	13,185
L ₁	mm	10,450	11,115	11,950	12,580
W	mm	3,365	3,365	3,730	3,730
H	mm	4,850	4,850	5,245	5,245
Dry mass	t	101	113	126	138

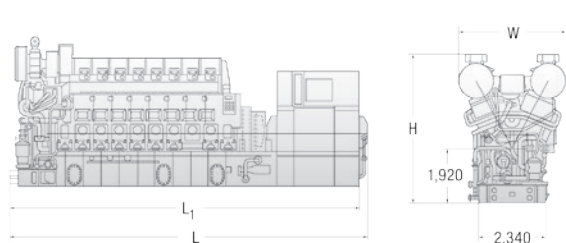
注:具体尺寸根据具体电机型号确定,以上尺寸仅供参考。

Note: The above dimension: only reference.

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*Based on nominal generator efficiencies of 97%. The final generator set power is determined by the power of the alternator.



○ L32/44

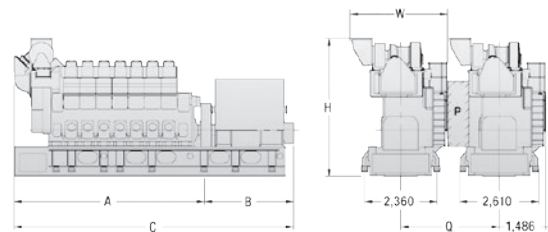
缸径 Cylinder Bore	320mm			
冲程 Stroke	440mm			
Speed	720 r/min		750 r/min	
Freq.	60 Hz		50 Hz	
Output	Eng.kW	Gen.kW*	Eng.kW	Gen.kW*
6L32/44	3,498	3,375	3,498	3,375
8L32/44	4,664	4,500	4,664	4,500
9L32/44	5,247	5,063	5,247	5,063
10L32/44	5,830	5,625	5,830	5,625

尺寸 Dimensions **

Cyl.No.		6	8	9	10
A	mm	6,470	7,531	8,061	8,590
B	mm	3,990	4,229	4,529	4,530
C	mm	10,460	11,760	12,590	13,120
W	mm	2,845	3,054	3,105	3,105
H	mm	4,701	4,887	4,887	4,887
Dry mass	t	82	98	107	113

*基于标称发电机效率为96.5%,具体机组功率由发电机效率决定。

*Based on nominal generator efficiencies of 96.5%. The final generator set power is determined by the power of the alternator.



P柴油机之间的自由通道,宽600 mm高2000mm。

P Free passage between the engines, width 600 mm and height 2000 mm.

Q柴油机间隔的最小距离:2835mm(带操作平台)

Q~Min.distance between centre of engines:2835mm(with gallery).