

Energy Efficiency Certificate

SDF2W068

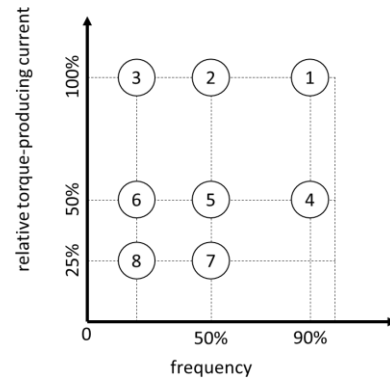
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.2%	2.3%	2.9%
⑥	⑤	④
1.3%	1.3%	1.4%
⑧	⑦	SBL
0.9%	0.9%	10.0W

SBL · · · Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF620S-A20
followed by any letter(s) or none

(5) Apparent Output Power

0.5 (kVA) (200V, ND)

(6) Rated Power Output

0.2 (kW) (ND)

(7) Rated Output Current

1.6 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

SDF2W068

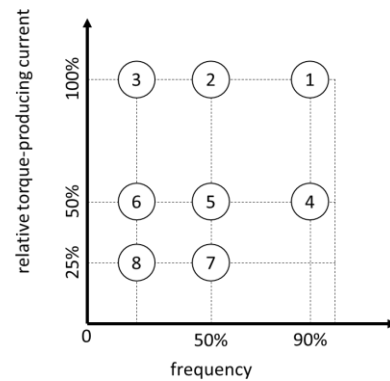
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.8%	2.1%	2.8%
⑥	⑤	④
0.9%	0.9%	0.9%
⑧	⑦	SBL
0.5%	0.5%	10.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF620S-A40
followed by any letter(s) or none

(5) Apparent Output Power

1.1 (kVA) (200V, ND)

(6) Rated Power Output

0.4 (kW) (ND)

(7) Rated Output Current

3.2 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

SDF2W068

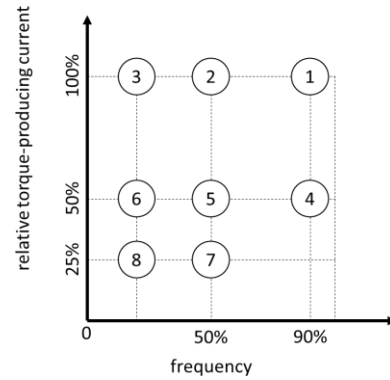
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.0%	2.3%	2.9%
⑥	⑤	④
0.9%	1.0%	1.2%
⑧	⑦	SBL
0.5%	0.5%	10.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF620S-A75
followed by any letter(s) or none

(5) Apparent Output Power

1.7 (kVA) (200V, ND)

(6) Rated Power Output

0.75 (kW) (ND)

(7) Rated Output Current

5.0 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

SDF2W068

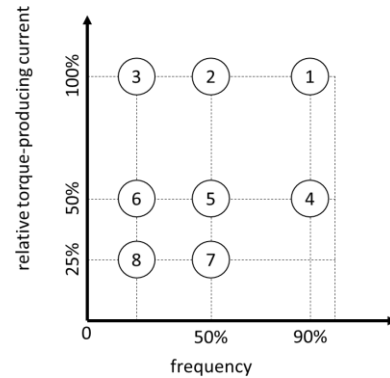
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.1%	2.5%	3.3%
⑥	⑤	④
1.0%	0.9%	1.0%
⑧	⑦	SBL
0.5%	0.5%	13.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF620S-1A5
followed by any letter(s) or none

(5) Apparent Output Power

2.7 (kVA) (200V, ND)

(6) Rated Power Output

1.5 (kW) (ND)

(7) Rated Output Current

8.0 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

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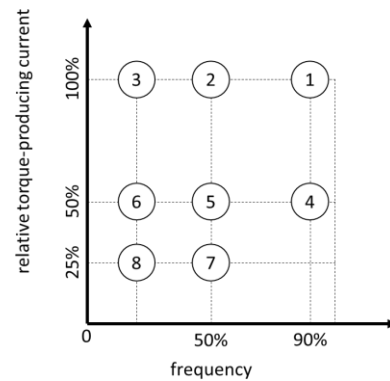
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.1%	2.8%	4.1%
⑥	⑤	④
0.9%	1.0%	1.2%
⑧	⑦	SBL
0.5%	0.5%	13.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF620S-2A2
followed by any letter(s) or none

(5) Apparent Output Power

3.8 (kVA) (200V, ND)

(6) Rated Power Output

2.2 (kW) (ND)

(7) Rated Output Current

11.0 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

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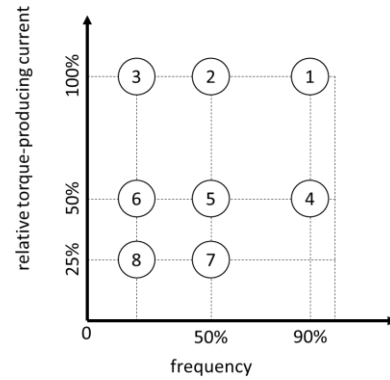
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.2%	2.3%	2.7%
⑥	⑤	④
1.4%	1.4%	1.4%
⑧	⑦	SBL
1.3%	1.1%	10.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6202-A20
followed by any letter(s) or none

(5) Apparent Output Power

0.5 (kVA) (200V, ND)

(6) Rated Power Output

0.2 (kW) (ND)

(7) Rated Output Current

1.6 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

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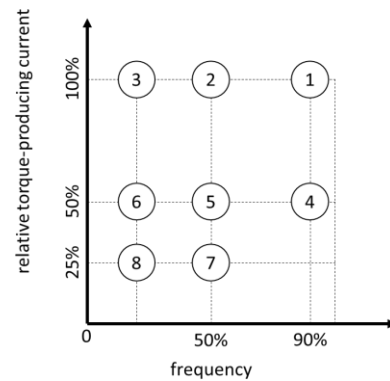
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.8%	2.0%	2.3%
⑥	⑤	④
0.9%	1.0%	1.0%
⑧	⑦	SBL
0.6%	0.6%	10.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6202-A40
followed by any letter(s) or none

(5) Apparent Output Power

1.1 (kVA) (200V, ND)

(6) Rated Power Output

0.4 (kW) (ND)

(7) Rated Output Current

3.2 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

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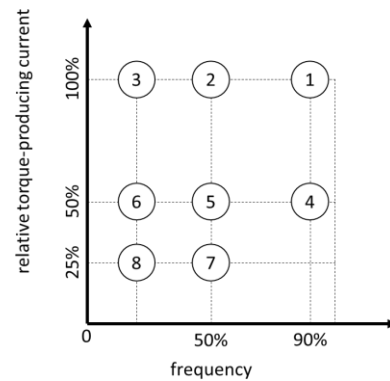
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.8%	2.1%	2.5%
⑥	⑤	④
0.9%	1.0%	1.1%
⑧	⑦	SBL
0.6%	0.6%	10.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6202-A75
followed by any letter(s) or none

(5) Apparent Output Power

1.7 (kVA) (200V, ND)

(6) Rated Power Output

0.75 (kW) (ND)

(7) Rated Output Current

5.0 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

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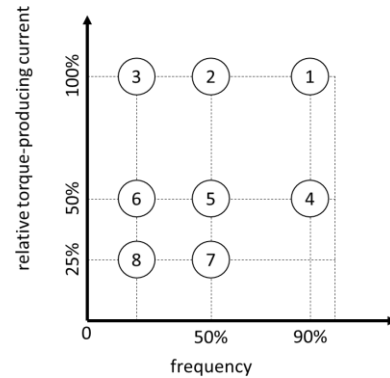
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.1%	2.3%	2.6%
⑥	⑤	④
0.9%	0.9%	1.0%
⑧	⑦	SBL
0.6%	0.6%	13.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6202-1A5
followed by any letter(s) or none

(5) Apparent Output Power

2.7 (kVA) (200V, ND)

(6) Rated Power Output

1.5 (kW) (ND)

(7) Rated Output Current

8.0 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

SDF2W068

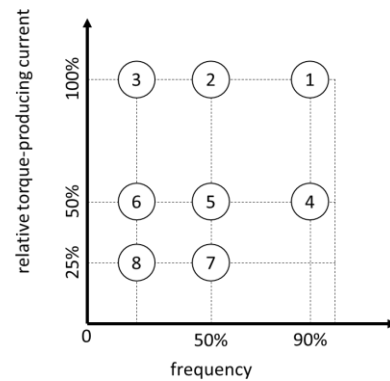
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.0%	2.4%	2.9%
⑥	⑤	④
0.9%	1.0%	1.0%
⑧	⑦	SBL
0.6%	0.6%	13.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6202-2A2
followed by any letter(s) or none

(5) Apparent Output Power

3.8 (kVA) (200V, ND)

(6) Rated Power Output

2.2 (kW) (ND)

(7) Rated Output Current

11.0 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

SDF2W068

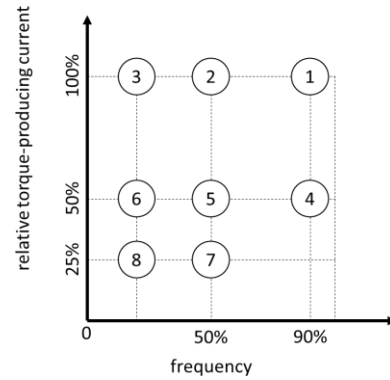
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.4%	2.7%	3.2%
⑥	⑤	④
1.0%	1.1%	1.1%
⑧	⑦	SBL
0.5%	0.5%	13.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6202-3A7
followed by any letter(s) or none

(5) Apparent Output Power

6.0 (kVA) (200V, ND)

(6) Rated Power Output

3.7 (kW) (ND)

(7) Rated Output Current

17.5 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

SDF2W068

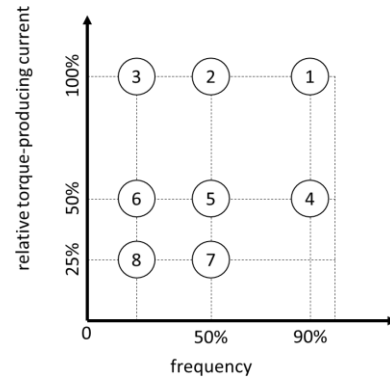
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.3%	2.8%	3.6%
⑥	⑤	④
0.9%	1.0%	1.2%
⑧	⑦	SBL
0.4%	0.5%	13.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6202-5A5
followed by any letter(s) or none

(5) Apparent Output Power

8.6 (kVA) (200V, ND)

(6) Rated Power Output

5.5 (kW) (ND)

(7) Rated Output Current

25.0 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

SDF2W068

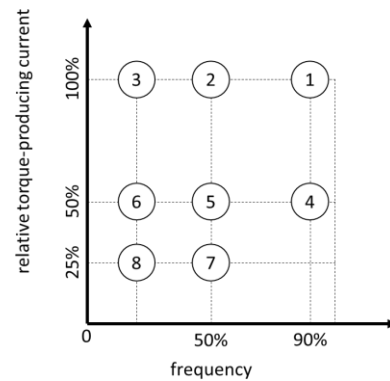
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.9%	2.1%	2.5%
⑥	⑤	④
0.8%	0.9%	1.0%
⑧	⑦	SBL
0.4%	0.5%	13.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6202-7A5
followed by any letter(s) or none

(5) Apparent Output Power

11.6 (kVA) (200V, ND)

(6) Rated Power Output

7.5 (kW) (ND)

(7) Rated Output Current

33.5 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

200V-15%~240V+10%

Energy Efficiency Certificate

SDF2W068

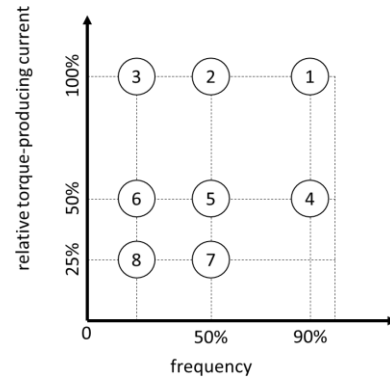
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
2.4%	2.4%	2.4%
⑥	⑤	④
1.9%	1.8%	1.8%
⑧	⑦	SBL
1.9%	1.8%	17.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6204-A40
followed by any letter(s) or none

(5) Apparent Output Power

1.1 (kVA) (200V, ND)

(6) Rated Power Output

0.4 (kW) (ND)

(7) Rated Output Current

1.8 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

380V-15%~480V+10%

Energy Efficiency Certificate

SDF2W068

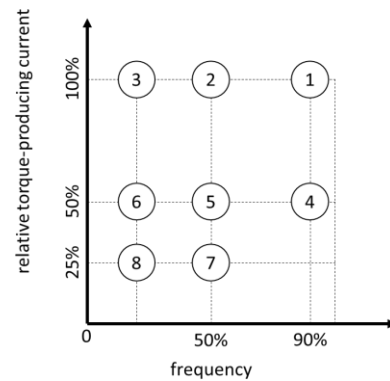
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.9%	1.9%	2.0%
⑥	⑤	④
1.3%	1.3%	1.3%
⑧	⑦	SBL
1.0%	1.0%	21.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6204-A75
followed by any letter(s) or none

(5) Apparent Output Power

2.2 (kVA) (200V, ND)

(6) Rated Power Output

0.75 (kW) (ND)

(7) Rated Output Current

3.4 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

380V-15%~480V+10%

Energy Efficiency Certificate

SDF2W068

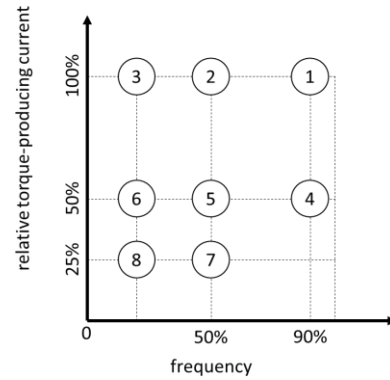
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.6%	1.6%	1.7%
⑥	⑤	④
0.9%	0.9%	1.0%
⑧	⑦	SBL
0.7%	0.7%	21.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6204-1A5
followed by any letter(s) or none

(5) Apparent Output Power

3.1 (kVA) (200V, ND)

(6) Rated Power Output

1.5 (kW) (ND)

(7) Rated Output Current

4.8 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

380V-15%~480V+10%

Energy Efficiency Certificate

SDF2W068

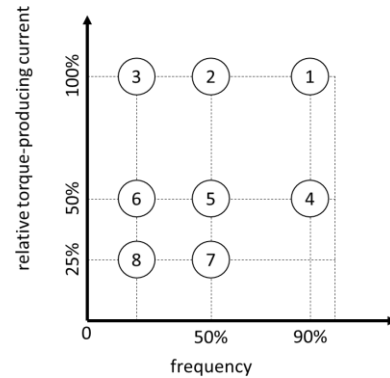
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.4%	1.5%	1.8%
⑥	⑤	④
1.0%	0.8%	0.9%
⑧	⑦	SBL
0.6%	0.7%	21.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6204-2A2
followed by any letter(s) or none

(5) Apparent Output Power

3.9 (kVA) (200V, ND)

(6) Rated Power Output

2.2 (kW) (ND)

(7) Rated Output Current

6.0 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

380V-15%~480V+10%

Energy Efficiency Certificate

SDF2W068

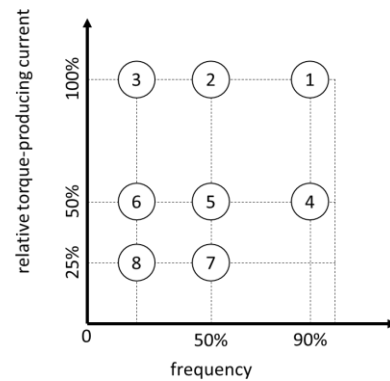
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.4%	1.4%	1.6%
⑥	⑤	④
0.7%	0.8%	0.7%
⑧	⑦	SBL
0.5%	0.5%	22.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6204-3A7
followed by any letter(s) or none

(5) Apparent Output Power

6.0 (kVA) (200V, ND)

(6) Rated Power Output

3.7 (kW) (ND)

(7) Rated Output Current

9.2 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

380V-15%~480V+10%

Energy Efficiency Certificate

SDF2W068

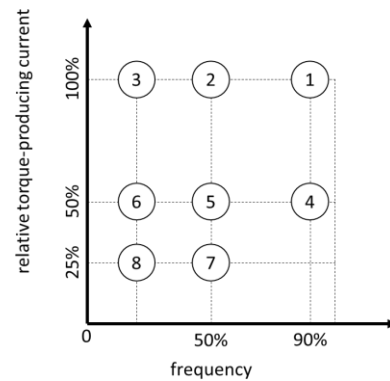
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.4%	1.8%	2.1%
⑥	⑤	④
0.6%	0.8%	0.8%
⑧	⑦	SBL
0.4%	0.4%	22.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6204-5A5
followed by any letter(s) or none

(5) Apparent Output Power

9.7 (kVA) (200V, ND)

(6) Rated Power Output

5.5 (kW) (ND)

(7) Rated Output Current

14.8 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

380V-15%~480V+10%

Energy Efficiency Certificate

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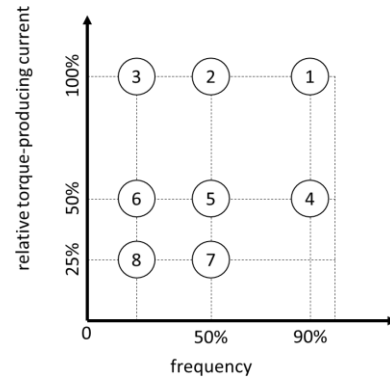
Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

Ver.1.00

(1) Power Losses:

③	②	①
1.3%	1.5%	2.0%
⑥	⑤	④
0.7%	0.8%	0.8%
⑧	⑦	SBL
0.5%	0.5%	22.0W

SBL . . . Stand by Loss



(2) Efficiency Level:

'IE2'

(3) Manufacturer's Name:

Sumitomo Heavy Industries, Ltd.
6-1, Asahi-Cho, Obu City, Aichi, Japan.

(4) Product's Model Identifier:

HF6204-7A5
followed by any letter(s) or none

(5) Apparent Output Power

12.5 (kVA) (200V, ND)

(6) Rated Power Output

7.5 (kW) (ND)

(7) Rated Output Current

19.0 (A) (ND)

(8) Maximum Operating Temperature

50°C (with derating over 40°C)

(9) Rated Supply Frequency(s)

50/60Hz±5%

(10) range of rated supply voltage

380V-15%~480V+10%