

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A6MH11ANSAA

Apparent output power	0.6	kVA
Rated output current	1.6	A
Rated power output	0.2	kW
Rated supply voltage	100-120	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	31.2	5.2
50	100	29.4	4.9
0	100	27.4	4.6
90	50	28.4	4.7
50	50	27.5	4.6
0	50	26.4	4.4
50	25	27	4.5
0	25	26.3	4.4

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Series:	MH300
Model name:	VFD1A6MH11ENSAA

Apparent output power	0.6	kVA
Rated output current	1.6	A
Rated power output	0.2	kW
Rated supply voltage	100-120	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	31.2	5.2
50	100	29.4	4.9
0	100	27.4	4.6
90	50	28.4	4.7
50	50	27.5	4.6
0	50	26.4	4.4
50	25	27	4.5
0	25	26.3	4.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD2A5MH11ANSAA

Apparent output power	1	kVA
Rated output current	2.5	A
Rated power output	0.4	kW
Rated supply voltage	100-120	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	36.6	3.7
50	100	33.8	3.4
0	100	30.5	3.1
90	50	32.2	3.2
50	50	30.6	3.1
0	50	28.9	2.9
50	25	29.8	3
0	25	28.7	2.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD2A5MH11ENSAA

Apparent output power	1	kVA
Rated output current	2.5	A
Rated power output	0.4	kW
Rated supply voltage	100-120	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	36.6	3.7
50	100	33.8	3.4
0	100	30.5	3.1
90	50	32.2	3.2
50	50	30.6	3.1
0	50	28.9	2.9
50	25	29.8	3
0	25	28.7	2.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A0MH11ANSAA

Apparent output power	1.9	kVA
Rated output current	5	A
Rated power output	0.75	kW
Rated supply voltage	100-120	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	60.2	3.2
50	100	52.6	2.8
0	100	45	2.4
90	50	47	2.5
50	50	43.5	2.3
0	50	39.7	2.1
50	25	39.3	2.1
0	25	37.4	2

Energy Efficiency Report

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Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A0MH11ENSAA

Apparent output power	1.9	kVA
Rated output current	5	A
Rated power output	0.75	kW
Rated supply voltage	100-120	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	60.2	3.2
50	100	52.6	2.8
0	100	45	2.4
90	50	47	2.5
50	50	43.5	2.3
0	50	39.7	2.1
50	25	39.3	2.1
0	25	37.4	2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A6MH21ANSAA

Apparent output power	0.6	kVA
Rated output current	1.6	A
Rated power output	0.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	32	5.3
50	100	31.2	5.2
0	100	30.2	5
90	50	30	5
50	50	29.6	4.9
0	50	29	4.8
50	25	29.3	4.9
0	25	28.9	4.8

Energy Efficiency Report

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Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A6MH21ENSAA

Apparent output power	0.6	kVA
Rated output current	1.6	A
Rated power output	0.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	32	5.3
50	100	31.2	5.2
0	100	30.2	5
90	50	30	5
50	50	29.6	4.9
0	50	29	4.8
50	25	29.3	4.9
0	25	28.9	4.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A6MH21AFSAA

Apparent output power	0.6	kVA
Rated output current	1.6	A
Rated power output	0.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	32.2	5.4
50	100	31.3	5.2
0	100	30.2	5
90	50	30.1	5
50	50	29.6	4.9
0	50	29	4.8
50	25	29.3	4.9
0	25	28.9	4.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A6MH21EFSAA

Apparent output power	0.6	kVA
Rated output current	1.6	A
Rated power output	0.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	32.2	5.4
50	100	31.3	5.2
0	100	30.2	5
90	50	30.1	5
50	50	29.6	4.9
0	50	29	4.8
50	25	29.3	4.9
0	25	28.9	4.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD2A8MH21ANSAA

Apparent output power	1.1	kVA
Rated output current	2.8	A
Rated power output	0.4	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	38.3	3.5
50	100	36.8	3.4
0	100	35.1	3.2
90	50	34.7	3.2
50	50	33.9	3.1
0	50	32.9	3
50	25	33.3	3
0	25	32.7	3

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD2A8MH21ENSAA

Apparent output power	1.1	kVA
Rated output current	2.8	A
Rated power output	0.4	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	38.3	3.5
50	100	36.8	3.4
0	100	35.1	3.2
90	50	34.7	3.2
50	50	33.9	3.1
0	50	32.9	3
50	25	33.3	3
0	25	32.7	3

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Efficiency level:

IE2

Series:	MH300
Model name:	VFD2A8MH21AFSAA

Apparent output power	1.1	kVA
Rated output current	2.8	A
Rated power output	0.4	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	40.2	3.7
50	100	38.4	3.5
0	100	36.5	3.3
90	50	36.3	3.3
50	50	35.4	3.2
0	50	34.3	3.1
50	25	34.8	3.2
0	25	34.1	3.1

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD2A8MH21EFSAA

Apparent output power	1.1	kVA
Rated output current	2.8	A
Rated power output	0.4	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	40.2	3.7
50	100	38.4	3.5
0	100	36.5	3.3
90	50	36.3	3.3
50	50	35.4	3.2
0	50	34.3	3.1
50	25	34.8	3.2
0	25	34.1	3.1

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Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A0MH21ANSAA

Apparent output power	1.9	kVA
Rated output current	5	A
Rated power output	0.75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	52.2	2.8
50	100	49	2.6
0	100	45.5	2.4
90	50	42.6	2.2
50	50	41	2.2
0	50	39.2	2.1
50	25	37.4	2
0	25	36.5	1.9

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Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A0MH21ENSAA

Apparent output power	1.9	kVA
Rated output current	5	A
Rated power output	0.75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	52.2	2.8
50	100	49	2.6
0	100	45.5	2.4
90	50	42.6	2.2
50	50	41	2.2
0	50	39.2	2.1
50	25	37.4	2
0	25	36.5	1.9

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Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A0MH21AFSAA

Apparent output power	1.9	kVA
Rated output current	5	A
Rated power output	0.75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	55.1	3.1
50	100	50.9	2.8
0	100	46.9	2.6
90	50	44.5	2.5
50	50	42.6	2.4
0	50	40.6	2.3
50	25	38.9	2.2
0	25	37.9	2.1

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A0MH21EFSAA

Apparent output power	1.9	kVA
Rated output current	5	A
Rated power output	0.75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	55.1	3.1
50	100	50.9	2.8
0	100	46.9	2.6
90	50	44.5	2.5
50	50	42.6	2.4
0	50	40.6	2.3
50	25	38.9	2.2
0	25	37.9	2.1

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Efficiency level:

IE2

Series:	MH300
Model name:	VFD7A5MH21ANSAA

Apparent output power	2.9	kVA
Rated output current	7.5	A
Rated power output	1.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	78.1	2.7
50	100	72.9	2.5
0	100	67.3	2.3
90	50	60.5	2.1
50	50	58.1	2
0	50	55.3	1.9
50	25	51.8	1.8
0	25	50.4	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD7A5MH21ENSAA

Apparent output power	2.9	kVA
Rated output current	7.5	A
Rated power output	1.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	78.1	2.7
50	100	72.9	2.5
0	100	67.3	2.3
90	50	60.5	2.1
50	50	58.1	2
0	50	55.3	1.9
50	25	51.8	1.8
0	25	50.4	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD7A5MH21AFSAA

Apparent output power	2.9	kVA
Rated output current	7.5	A
Rated power output	1.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	79.5	2.7
50	100	73.3	2.5
0	100	67.3	2.3
90	50	60.9	2.1
50	50	58.2	2
0	50	55.3	1.9
50	25	51.8	1.8
0	25	50.4	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD7A5MH21EFSAA

Apparent output power	2.9	kVA
Rated output current	7.5	A
Rated power output	1.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	79.5	2.7
50	100	73.3	2.5
0	100	67.3	2.3
90	50	60.9	2.1
50	50	58.2	2
0	50	55.3	1.9
50	25	51.8	1.8
0	25	50.4	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD11AMH21ANSAA

Apparent output power	4.2	kVA
Rated output current	11	A
Rated power output	2.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	103	2.5
50	100	95.5	2.3
0	100	87.4	2.1
90	50	78.3	1.9
50	50	74.8	1.8
0	50	70.7	1.7
50	25	65.8	1.6
0	25	63.8	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD11AMH21ENSAA

Apparent output power	4.2	kVA
Rated output current	11	A
Rated power output	2.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	103	2.5
50	100	95.5	2.3
0	100	87.4	2.1
90	50	78.3	1.9
50	50	74.8	1.8
0	50	70.7	1.7
50	25	65.8	1.6
0	25	63.8	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD11AMH21AFSAA

Apparent output power	4.2	kVA
Rated output current	11	A
Rated power output	2.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	106	2.5
50	100	96.5	2.3
0	100	87.4	2.1
90	50	79.2	1.9
50	50	75.1	1.8
0	50	70.7	1.7
50	25	65.9	1.6
0	25	63.8	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD11AMH21EFSAA

Apparent output power	4.2	kVA
Rated output current	11	A
Rated power output	2.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	106	2.5
50	100	96.5	2.3
0	100	87.4	2.1
90	50	79.2	1.9
50	50	75.1	1.8
0	50	70.7	1.7
50	25	65.9	1.6
0	25	63.8	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A6MH23ANSAA

Apparent output power	0.6	kVA
Rated output current	1.6	A
Rated power output	0.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	31.9	5.3
50	100	31.2	5.2
0	100	30.2	5
90	50	29.9	5
50	50	29.5	4.9
0	50	29	4.8
50	25	29.2	4.9
0	25	28.8	4.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A6MH23ENSAA

Apparent output power	0.6	kVA
Rated output current	1.6	A
Rated power output	0.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	31.9	5.3
50	100	31.2	5.2
0	100	30.2	5
90	50	29.9	5
50	50	29.5	4.9
0	50	29	4.8
50	25	29.2	4.9
0	25	28.8	4.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD2A8MH23ANSAA

Apparent output power	1.1	kVA
Rated output current	2.8	A
Rated power output	0.4	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	38.9	3.5
50	100	37.4	3.4
0	100	35.7	3.2
90	50	34.9	3.2
50	50	34.1	3.1
0	50	33.2	3
50	25	33.5	3
0	25	32.9	3

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD2A8MH23ENSAA

Apparent output power	1.1	kVA
Rated output current	2.8	A
Rated power output	0.4	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	38.9	3.5
50	100	37.4	3.4
0	100	35.7	3.2
90	50	34.9	3.2
50	50	34.1	3.1
0	50	33.2	3
50	25	33.5	3
0	25	32.9	3

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A0MH23ANSAA

Apparent output power	1.9	kVA
Rated output current	5	A
Rated power output	0.75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	56.7	3
50	100	53.4	2.8
0	100	49.8	2.6
90	50	45.2	2.4
50	50	43.6	2.3
0	50	41.8	2.2
50	25	39.4	2.1
0	25	38.5	2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A0MH23ENSAA

Apparent output power	1.9	kVA
Rated output current	5	A
Rated power output	0.75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	56.7	3
50	100	53.4	2.8
0	100	49.8	2.6
90	50	45.2	2.4
50	50	43.6	2.3
0	50	41.8	2.2
50	25	39.4	2.1
0	25	38.5	2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD7A5MH23ANSAA

Apparent output power	2.9	kVA
Rated output current	7.5	A
Rated power output	1.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	74.9	2.6
50	100	69.7	2.4
0	100	64.1	2.2
90	50	57.2	2
50	50	54.7	1.9
0	50	51.9	1.8
50	25	48.4	1.7
0	25	47	1.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD7A5MH23ENSAA

Apparent output power	2.9	kVA
Rated output current	7.5	A
Rated power output	1.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	74.9	2.6
50	100	69.7	2.4
0	100	64.1	2.2
90	50	57.2	2
50	50	54.7	1.9
0	50	51.9	1.8
50	25	48.4	1.7
0	25	47	1.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD11AMH23ANSAA

Apparent output power	4.2	kVA
Rated output current	11	A
Rated power output	2.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	104.3	2.5
50	100	96.8	2.3
0	100	88.7	2.1
90	50	78.9	1.9
50	50	75.4	1.8
0	50	71.3	1.7
50	25	66.2	1.6
0	25	64.2	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD11AMH23ENSAA

Apparent output power	4.2	kVA
Rated output current	11	A
Rated power output	2.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	104.3	2.5
50	100	96.8	2.3
0	100	88.7	2.1
90	50	78.9	1.9
50	50	75.4	1.8
0	50	71.3	1.7
50	25	66.2	1.6
0	25	64.2	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD17AMH23ANSAA

Apparent output power	6.5	kVA
Rated output current	17	A
Rated power output	3.7	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	148.4	2.3
50	100	136	2.1
0	100	123.1	1.9
90	50	108.5	1.7
50	50	102.6	1.6
0	50	96.1	1.5
50	25	88.1	1.4
0	25	84.8	1.3

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD17AMH23ENSAA

Apparent output power	6.5	kVA
Rated output current	17	A
Rated power output	3.7	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	148.4	2.3
50	100	136	2.1
0	100	123.1	1.9
90	50	108.5	1.7
50	50	102.6	1.6
0	50	96.1	1.5
50	25	88.1	1.4
0	25	84.8	1.3

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD25AMH23ANSAA

Apparent output power	9.5	kVA
Rated output current	25	A
Rated power output	5.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	227.6	2.4
50	100	206.7	2.2
0	100	184.6	1.9
90	50	141.1	1.5
50	50	132.1	1.4
0	50	121.9	1.3
50	25	106	1.1
0	25	100.9	1.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD25AMH23ENSAA

Apparent output power	9.5	kVA
Rated output current	25	A
Rated power output	5.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	227.6	2.4
50	100	206.7	2.2
0	100	184.6	1.9
90	50	141.1	1.5
50	50	132.1	1.4
0	50	121.9	1.3
50	25	106	1.1
0	25	100.9	1.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD33AMH23ANSAA

Apparent output power	12.6	kVA
Rated output current	33	A
Rated power output	7.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	298.1	2.4
50	100	264.9	2.1
0	100	232.6	1.9
90	50	176.6	1.4
50	50	163.3	1.3
0	50	149.1	1.2
50	25	128.6	1
0	25	121.7	1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **MH300**
Model name: **VFD33AMH23ENSAA**

Apparent output power	12.6	kVA
Rated output current	33	A
Rated power output	7.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	298.1	2.4
50	100	264.9	2.1
0	100	232.6	1.9
90	50	176.6	1.4
50	50	163.3	1.3
0	50	149.1	1.2
50	25	128.6	1
0	25	121.7	1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD49AMH23ANSAA

Apparent output power	18.7	kVA
Rated output current	49	A
Rated power output	11	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	420.1	2.3
50	100	365	2
0	100	308.1	1.7
90	50	236.5	1.3
50	50	213.5	1.1
0	50	187.8	1
50	25	161.3	0.9
0	25	148.7	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD49AMH23ENSAA

Apparent output power	18.7	kVA
Rated output current	49	A
Rated power output	11	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	420.1	2.3
50	100	365	2
0	100	308.1	1.7
90	50	236.5	1.3
50	50	213.5	1.1
0	50	187.8	1
50	25	161.3	0.9
0	25	148.7	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD65AMH23ANSAA

Apparent output power	24.8	kVA
Rated output current	65	A
Rated power output	15	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	513.8	2.1
50	100	452.8	1.8
0	100	392.5	1.6
90	50	289.7	1.2
50	50	264.6	1.1
0	50	237.2	1
50	25	199.2	0.8
0	25	185.7	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD65AMH23ENSAA

Apparent output power	24.8	kVA
Rated output current	65	A
Rated power output	15	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	513.8	2.1
50	100	452.8	1.8
0	100	392.5	1.6
90	50	289.7	1.2
50	50	264.6	1.1
0	50	237.2	1
50	25	199.2	0.8
0	25	185.7	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A5MH43ANSAA

Apparent output power	1.1	kVA
Rated output current	1.5	A
Rated power output	0.4	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	47.9	4.4
50	100	47	4.3
0	100	46	4.2
90	50	44.9	4.1
50	50	44.4	4
0	50	43.9	4
50	25	44	4
0	25	43.7	4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A5MH43ENSAA

Apparent output power	1.1	kVA
Rated output current	1.5	A
Rated power output	0.4	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	47.9	4.4
50	100	47	4.3
0	100	46	4.2
90	50	44.9	4.1
50	50	44.4	4
0	50	43.9	4
50	25	44	4
0	25	43.7	4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A5MH43AFSAA

Apparent output power	1.1	kVA
Rated output current	1.5	A
Rated power output	0.4	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	49.5	4.5
50	100	48.5	4.4
0	100	47.4	4.3
90	50	46.4	4.2
50	50	45.9	4.2
0	50	45.3	4.1
50	25	45.4	4.1
0	25	45.1	4.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD1A5MH43EFSAA

Apparent output power	1.1	kVA
Rated output current	1.5	A
Rated power output	0.4	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	49.5	4.5
50	100	48.5	4.4
0	100	47.4	4.3
90	50	46.4	4.2
50	50	45.9	4.2
0	50	45.3	4.1
50	25	45.4	4.1
0	25	45.1	4.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD3A0MH43ANSAA

Apparent output power	2.3	kVA
Rated output current	3	A
Rated power output	0.75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	63.9	2.8
50	100	61.7	2.7
0	100	59.3	2.6
90	50	54.4	2.4
50	50	53.4	2.3
0	50	52.2	2.3
50	25	49.8	2.2
0	25	49.2	2.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD3A0MH43ENSAA

Apparent output power	2.3	kVA
Rated output current	3	A
Rated power output	0.75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	63.9	2.8
50	100	61.7	2.7
0	100	59.3	2.6
90	50	54.4	2.4
50	50	53.4	2.3
0	50	52.2	2.3
50	25	49.8	2.2
0	25	49.2	2.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD3A0MH43AFSAA

Apparent output power	2.3	kVA
Rated output current	3	A
Rated power output	0.75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	64.8	2.8
50	100	61.9	2.7
0	100	59.3	2.6
90	50	54.7	2.4
50	50	53.5	2.3
0	50	52.2	2.3
50	25	49.8	2.2
0	25	49.2	2.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD3A0MH43EFSAA

Apparent output power	2.3	kVA
Rated output current	3	A
Rated power output	0.75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	64.8	2.8
50	100	61.9	2.7
0	100	59.3	2.6
90	50	54.7	2.4
50	50	53.5	2.3
0	50	52.2	2.3
50	25	49.8	2.2
0	25	49.2	2.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD4A2MH43ANSAA

Apparent output power	3.2	kVA
Rated output current	4.2	A
Rated power output	1.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	77.7	2.4
50	100	74.3	2.3
0	100	70.7	2.2
90	50	63.3	2
50	50	61.7	1.9
0	50	59.9	1.9
50	25	56.3	1.8
0	25	55.4	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD4A2MH43ENSAA

Apparent output power	3.2	kVA
Rated output current	4.2	A
Rated power output	1.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	77.7	2.4
50	100	74.3	2.3
0	100	70.7	2.2
90	50	63.3	2
50	50	61.7	1.9
0	50	59.9	1.9
50	25	56.3	1.8
0	25	55.4	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD4A2MH43AFSAA

Apparent output power	3.2	kVA
Rated output current	4.2	A
Rated power output	1.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	79.4	2.5
50	100	74.8	2.3
0	100	70.7	2.2
90	50	63.8	2
50	50	61.8	1.9
0	50	59.9	1.9
50	25	56.3	1.8
0	25	55.4	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD4A2MH43EFSAA

Apparent output power	3.2	kVA
Rated output current	4.2	A
Rated power output	1.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	79.4	2.5
50	100	74.8	2.3
0	100	70.7	2.2
90	50	63.8	2
50	50	61.8	1.9
0	50	59.9	1.9
50	25	56.3	1.8
0	25	55.4	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A7MH43ANSAA

Apparent output power	4.3	kVA
Rated output current	5.7	A
Rated power output	2.2	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	100.6	2.3
50	100	97.1	2.3
0	100	93.2	2.2
90	50	81.9	1.9
50	50	80.3	1.9
0	50	78.3	1.8
50	25	73	1.7
0	25	72	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A7MH43ENSAA

Apparent output power	4.3	kVA
Rated output current	5.7	A
Rated power output	2.2	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	100.6	2.3
50	100	97.1	2.3
0	100	93.2	2.2
90	50	81.9	1.9
50	50	80.3	1.9
0	50	78.3	1.8
50	25	73	1.7
0	25	72	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A7MH43AFSAA

Apparent output power	4.3	kVA
Rated output current	5.7	A
Rated power output	2.2	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	101.9	2.4
50	100	97.5	2.3
0	100	93.2	2.2
90	50	82.3	1.9
50	50	80.4	1.9
0	50	78.3	1.8
50	25	73.1	1.7
0	25	72	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD5A7MH43EFSAA

Apparent output power	4.3	kVA
Rated output current	5.7	A
Rated power output	2.2	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	101.9	2.4
50	100	97.5	2.3
0	100	93.2	2.2
90	50	82.3	1.9
50	50	80.4	1.9
0	50	78.3	1.8
50	25	73.1	1.7
0	25	72	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD7A3MH43ANSAA

Apparent output power	5.6	kVA
Rated output current	7.3	A
Rated power output	3	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	132.4	2.4
50	100	124.9	2.2
0	100	117.5	2.1
90	50	102.1	1.8
50	50	98.8	1.8
0	50	95.4	1.7
50	25	88	1.6
0	25	86.4	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD7A3MH43ENSAA

Apparent output power	5.6	kVA
Rated output current	7.3	A
Rated power output	3	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	132.4	2.4
50	100	124.9	2.2
0	100	117.5	2.1
90	50	102.1	1.8
50	50	98.8	1.8
0	50	95.4	1.7
50	25	88	1.6
0	25	86.4	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD7A3MH43AFSAA

Apparent output power	5.6	kVA
Rated output current	7.3	A
Rated power output	3	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	134.6	2.4
50	100	125.5	2.2
0	100	117.5	2.1
90	50	102.7	1.8
50	50	99	1.8
0	50	95.4	1.7
50	25	88.1	1.6
0	25	86.4	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **MH300**
Model name: **VFD7A3MH43EFSAA**

Apparent output power	5.6	kVA
Rated output current	7.3	A
Rated power output	3	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	134.6	2.4
50	100	125.5	2.2
0	100	117.5	2.1
90	50	102.7	1.8
50	50	99	1.8
0	50	95.4	1.7
50	25	88.1	1.6
0	25	86.4	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD9A0MH43ANSAA

Apparent output power	6.9	kVA
Rated output current	9	A
Rated power output	3.7	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	210.3	3.1
50	100	156.6	2.3
0	100	128.3	1.9
90	50	132.8	1.9
50	50	116	1.7
0	50	106.2	1.5
50	25	100.3	1.5
0	25	96.9	1.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD9A0MH43ENSAA

Apparent output power	6.9	kVA
Rated output current	9	A
Rated power output	3.7	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	210.3	3.1
50	100	156.6	2.3
0	100	128.3	1.9
90	50	132.8	1.9
50	50	116	1.7
0	50	106.2	1.5
50	25	100.3	1.5
0	25	96.9	1.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD9A0MH43AFSAA

Apparent output power	6.9	kVA
Rated output current	9	A
Rated power output	3.7	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	215.5	3.1
50	100	157.6	2.3
0	100	128.3	1.9
90	50	133.7	1.9
50	50	116.3	1.7
0	50	106.2	1.5
50	25	100.4	1.5
0	25	96.9	1.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD9A0MH43EFSAA

Apparent output power	6.9	kVA
Rated output current	9	A
Rated power output	3.7	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	215.5	3.1
50	100	157.6	2.3
0	100	128.3	1.9
90	50	133.7	1.9
50	50	116.3	1.7
0	50	106.2	1.5
50	25	100.4	1.5
0	25	96.9	1.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD13AMH43ANSAA

Apparent output power	9.9	kVA
Rated output current	13	A
Rated power output	5.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	200.9	2
50	100	189.9	1.9
0	100	178	1.8
90	50	141	1.4
50	50	136.4	1.4
0	50	131.1	1.3
50	25	117.5	1.2
0	25	114.9	1.2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD13AMH43ENSAA

Apparent output power	9.9	kVA
Rated output current	13	A
Rated power output	5.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	200.9	2
50	100	189.9	1.9
0	100	178	1.8
90	50	141	1.4
50	50	136.4	1.4
0	50	131.1	1.3
50	25	117.5	1.2
0	25	114.9	1.2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD13AMH43AFSAA

Apparent output power	9.9	kVA
Rated output current	13	A
Rated power output	5.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	204.2	2.1
50	100	190.9	1.9
0	100	178	1.8
90	50	141.8	1.4
50	50	136.6	1.4
0	50	131.1	1.3
50	25	117.6	1.2
0	25	114.9	1.2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD13AMH43EFSAA

Apparent output power	9.9	kVA
Rated output current	13	A
Rated power output	5.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	204.2	2.1
50	100	190.9	1.9
0	100	178	1.8
90	50	141.8	1.4
50	50	136.6	1.4
0	50	131.1	1.3
50	25	117.6	1.2
0	25	114.9	1.2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD17AMH43ANSAA

Apparent output power	13	kVA
Rated output current	17	A
Rated power output	7.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	246.1	1.9
50	100	229.7	1.8
0	100	211.8	1.6
90	50	166.7	1.3
50	50	159.9	1.2
0	50	152	1.2
50	25	134.9	1
0	25	131.1	1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD17AMH43ENSAA

Apparent output power	13	kVA
Rated output current	17	A
Rated power output	7.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	246.1	1.9
50	100	229.7	1.8
0	100	211.8	1.6
90	50	166.7	1.3
50	50	159.9	1.2
0	50	152	1.2
50	25	134.9	1
0	25	131.1	1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD17AMH43AFSAA

Apparent output power	13	kVA
Rated output current	17	A
Rated power output	7.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	251.7	1.9
50	100	231.5	1.8
0	100	211.8	1.6
90	50	168.1	1.3
50	50	160.3	1.2
0	50	152	1.2
50	25	135	1
0	25	131.1	1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD17AMH43EFSAA

Apparent output power	13	kVA
Rated output current	17	A
Rated power output	7.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	251.7	1.9
50	100	231.5	1.8
0	100	211.8	1.6
90	50	168.1	1.3
50	50	160.3	1.2
0	50	152	1.2
50	25	135	1
0	25	131.1	1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD25AMH43ANSAA

Apparent output power	19.1	kVA
Rated output current	25	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	326.1	1.7
50	100	297.1	1.6
0	100	267.1	1.4
90	50	207.8	1.1
50	50	195.5	1
0	50	181.7	1
50	25	159.3	0.8
0	25	152.5	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD25AMH43ENSAA

Apparent output power	19.1	kVA
Rated output current	25	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	326.1	1.7
50	100	297.1	1.6
0	100	267.1	1.4
90	50	207.8	1.1
50	50	195.5	1
0	50	181.7	1
50	25	159.3	0.8
0	25	152.5	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD25AMH43AFSAA

Apparent output power	19.1	kVA
Rated output current	25	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	330	1.7
50	100	298.3	1.6
0	100	267.1	1.4
90	50	208.7	1.1
50	50	195.8	1
0	50	181.7	1
50	25	159.4	0.8
0	25	152.5	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD25AMH43EFSAA

Apparent output power	19.1	kVA
Rated output current	25	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	330	1.7
50	100	298.3	1.6
0	100	267.1	1.4
90	50	208.7	1.1
50	50	195.8	1
0	50	181.7	1
50	25	159.4	0.8
0	25	152.5	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD32AMH43ANSAA

Apparent output power	24.4	kVA
Rated output current	32	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	398.9	1.6
50	100	358.5	1.5
0	100	319.7	1.3
90	50	246.2	1
50	50	229.8	0.9
0	50	212.4	0.9
50	25	184	0.8
0	25	175.4	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD32AMH43ENSAA

Apparent output power	24.4	kVA
Rated output current	32	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	398.9	1.6
50	100	358.5	1.5
0	100	319.7	1.3
90	50	246.2	1
50	50	229.8	0.9
0	50	212.4	0.9
50	25	184	0.8
0	25	175.4	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD32AMH43AFSAA

Apparent output power	24.4	kVA
Rated output current	32	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	405.2	1.7
50	100	360.5	1.5
0	100	319.7	1.3
90	50	247.8	1
50	50	230.3	0.9
0	50	212.4	0.9
50	25	184.1	0.8
0	25	175.4	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD32AMH43EFSAA

Apparent output power	24.4	kVA
Rated output current	32	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	405.2	1.7
50	100	360.5	1.5
0	100	319.7	1.3
90	50	247.8	1
50	50	230.3	0.9
0	50	212.4	0.9
50	25	184.1	0.8
0	25	175.4	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD38AMH43ANSAA

Apparent output power	29	kVA
Rated output current	38	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	444	1.5
50	100	411.8	1.4
0	100	377.1	1.3
90	50	270.6	0.9
50	50	257	0.9
0	50	241.3	0.8
50	25	203.3	0.7
0	25	195.5	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD38AMH43ENSAA

Apparent output power	29	kVA
Rated output current	38	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	444	1.5
50	100	411.8	1.4
0	100	377.1	1.3
90	50	270.6	0.9
50	50	257	0.9
0	50	241.3	0.8
50	25	203.3	0.7
0	25	195.5	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD38AMH43AFSAA

Apparent output power	29	kVA
Rated output current	38	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	455.8	1.6
50	100	415.4	1.4
0	100	377.1	1.3
90	50	273.6	0.9
50	50	257.9	0.9
0	50	241.3	0.8
50	25	203.5	0.7
0	25	195.5	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD38AMH43EFSAA

Apparent output power	29	kVA
Rated output current	38	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	455.8	1.6
50	100	415.4	1.4
0	100	377.1	1.3
90	50	273.6	0.9
50	50	257.9	0.9
0	50	241.3	0.8
50	25	203.5	0.7
0	25	195.5	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD45AMH43ANSAA

Apparent output power	34.3	kVA
Rated output current	45	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	471.5	1.4
50	100	436.9	1.3
0	100	396.9	1.2
90	50	288.6	0.8
50	50	272.7	0.8
0	50	253.6	0.7
50	25	214.2	0.6
0	25	204.5	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD45AMH43ENSAA

Apparent output power	34.3	kVA
Rated output current	45	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	471.5	1.4
50	100	436.9	1.3
0	100	396.9	1.2
90	50	288.6	0.8
50	50	272.7	0.8
0	50	253.6	0.7
50	25	214.2	0.6
0	25	204.5	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD45AMH43AFSAA

Apparent output power	34.3	kVA
Rated output current	45	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	488	1.4
50	100	442	1.3
0	100	396.9	1.2
90	50	292.8	0.9
50	50	274	0.8
0	50	253.6	0.7
50	25	214.5	0.6
0	25	204.5	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD45AMH43EFSAA

Apparent output power	34.3	kVA
Rated output current	45	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	488	1.4
50	100	442	1.3
0	100	396.9	1.2
90	50	292.8	0.9
50	50	274	0.8
0	50	253.6	0.7
50	25	214.5	0.6
0	25	204.5	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD60AMH43AFSAA

Apparent output power	45.8	kVA
Rated output current	60	A
Rated power output	30	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	661.4	1.4
50	100	606.6	1.3
0	100	548.7	1.2
90	50	389.2	0.8
50	50	365.7	0.8
0	50	339	0.7
50	25	282.3	0.6
0	25	269	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD60AMH43ANSAA

Apparent output power	45.8	kVA
Rated output current	60	A
Rated power output	30	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	652.6	1.4
50	100	603.9	1.3
0	100	548.7	1.2
90	50	387	0.8
50	50	365	0.8
0	50	339	0.7
50	25	282.1	0.6
0	25	269	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD75AMH23ANSAA

Apparent output power	28.6	kVA
Rated output current	75	A
Rated power output	18.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	663.2	2.3
50	100	605.9	2.1
0	100	564.8	2
90	50	366.9	1.3
50	50	347.4	1.2
0	50	330.7	1.2
50	25	262.1	0.9
0	25	254.5	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD90AMH23ANSAA

Apparent output power	34.3	kVA
Rated output current	90	A
Rated power output	22	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	11	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	811	2.4
50	100	715.6	2.1
0	100	640.4	1.9
90	50	438.4	1.3
50	50	404	1.2
0	50	372.1	1.1
50	25	300.5	0.9
0	25	285.4	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD75AMH43AFSAA

Apparent output power	57.2	kVA
Rated output current	75	A
Rated power output	37	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1259.8	2.2
50	100	1023.8	1.8
0	100	870.7	1.5
90	50	660.2	1.2
50	50	588	1
0	50	533.4	0.9
50	25	444.4	0.8
0	25	421.5	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD75AMH43ANSAA

Apparent output power	57.2	kVA
Rated output current	75	A
Rated power output	37	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1157.5	2
50	100	992.2	1.7
0	100	870.7	1.5
90	50	634.5	1.1
50	50	580.1	1
0	50	533.4	0.9
50	25	442.3	0.8
0	25	421.5	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD91AMH43AFSAA

Apparent output power	69.4	kVA
Rated output current	91	A
Rated power output	45	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1382.3	2
50	100	1078.9	1.6
0	100	882.8	1.3
90	50	674.1	1
50	50	580.7	0.8
0	50	510.7	0.7
50	25	417.8	0.6
0	25	388.6	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD91AMH43ANSAA

Apparent output power	69.4	kVA
Rated output current	91	A
Rated power output	45	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1255.7	1.8
50	100	1039.8	1.5
0	100	882.8	1.3
90	50	641.7	0.9
50	50	570.7	0.8
0	50	510.7	0.7
50	25	415.1	0.6
0	25	388.6	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD112MH43AFSAA

Apparent output power	85.4	kVA
Rated output current	112	A
Rated power output	55	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1628.1	1.9
50	100	1274.9	1.5
0	100	1071	1.3
90	50	813.3	1
50	50	710.7	0.8
0	50	643.1	0.8
50	25	520.6	0.6
0	25	494.3	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD112MH43ANSAA

Apparent output power	85.4	kVA
Rated output current	112	A
Rated power output	55	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1493.7	1.7
50	100	1233.4	1.4
0	100	1071	1.3
90	50	779	0.9
50	50	700	0.8
0	50	643.1	0.8
50	25	517.7	0.6
0	25	494.3	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD150MH43AFSAA

Apparent output power	114	kVA
Rated output current	150	A
Rated power output	75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2150.1	1.9
50	100	1724.5	1.5
0	100	1474.1	1.3
90	50	1090.6	1
50	50	965.3	0.8
0	50	880.7	0.8
50	25	705.9	0.6
0	25	672.4	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD150MH43ANSAA

Apparent output power	114	kVA
Rated output current	150	A
Rated power output	75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1992	1.7
50	100	1675.7	1.5
0	100	1474.1	1.3
90	50	1050.2	0.9
50	50	952.8	0.8
0	50	880.7	0.8
50	25	702.6	0.6
0	25	672.4	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD120MH23ANSAA

Apparent output power	45.7	kVA
Rated output current	120	A
Rated power output	30	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1064.8	2.3
50	100	788.9	1.7
0	100	605.5	1.3
90	50	535.6	1.2
50	50	448.1	1
0	50	379.2	0.8
50	25	333.8	0.7
0	25	303.9	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MH300
Model name:	VFD146MH23ANSAA

Apparent output power	55.7	kVA
Rated output current	146	A
Rated power output	37	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	27.9	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1298.1	2.3
50	100	973.7	1.7
0	100	755.2	1.4
90	50	658.2	1.2
50	50	554.5	1
0	50	471.9	0.8
50	25	414.4	0.7
0	25	378.3	0.7