

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**

Model name: **VFD0A8ME11ANNA, VFD0A8ME11ANSAA**

Apparent output power	0.3	kVA
Rated output current	0.8	A
Rated power output	0.1	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	20.8	6.9
50	100	19.9	6.6
0	100	18.9	6.3
90	50	19.4	6.5
50	50	18.9	6.3
0	50	18.4	6.1
50	25	18.7	6.2
0	25	18.3	6.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD1A6ME11ANNAA, VFD1A6ME11ANSAA**

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	25.9	4.3
50	100	24	4
0	100	21.9	3.7
90	50	22.9	3.8
50	50	21.9	3.7
0	50	20.7	3.5
50	25	21.4	3.6
0	25	20.6	3.4

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD2A5ME11ANNAA, VFD2A5ME11ANSAA**

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	31.9	3.2
50	100	28.3	2.8
0	100	24.3	2.4
90	50	26.6	2.7
50	50	24.7	2.5
0	50	22.6	2.3
50	25	23.7	2.4
0	25	22.4	2.2

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Efficiency level:

IE2

Series: **ME300**

Model name: **VFD4A8ME11ANNAA, VFD4A8ME11ANSAA**

Apparent output power	1.8	kVA
Rated output current	4.8	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	51.7	2.9
50	100	44.5	2.5
0	100	37.3	2.1
90	50	39.2	2.2
50	50	35.9	2
0	50	32.2	1.8
50	25	31.8	1.8
0	25	30	1.7

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD0A8ME21ANNAA, VFD0A8ME21ANSAA**

Apparent output power	0.3	kVA
Rated output current	0.8	A
Rated power output	0.1	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	23.3	7.8
50	100	22.9	7.6
0	100	22.4	7.5
90	50	22.2	7.4
50	50	22	7.3
0	50	21.7	7.2
50	25	21.8	7.3
0	25	21.6	7.2

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD0A8ME21AFNAA, VFD0A8ME21AFSAA**

Apparent output power	0.3	kVA
Rated output current	0.8	A
Rated power output	0.1	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	23.3	7.8
50	100	22.9	7.6
0	100	22.4	7.5
90	50	22.2	7.4
50	50	22	7.3
0	50	21.7	7.2
50	25	21.8	7.3
0	25	21.6	7.2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**Model name: **VFD1A6ME21ANNAA, VFD1A6ME21ANSAA**

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	27.9	4.7
50	100	27	4.5
0	100	26	4.3
90	50	25.6	4.3
50	50	25.2	4.2
0	50	24.6	4.1
50	25	24.8	4.1
0	25	24.4	4.1

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IE2

Series: **ME300**
 Model name: **VFD1A6ME21AFNAA, VFD1A6ME21AFSAA**

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	28.1	4.7
50	100	27.1	4.5
0	100	26	4.3
90	50	25.7	4.3
50	50	25.2	4.2
0	50	24.6	4.1
50	25	24.8	4.1
0	25	24.4	4.1

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Energy Efficiency Report

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Efficiency level:

IE2

Series: **ME300**Model name: **VFD2A8ME21ANNA, VFD2A8ME21ANSAA, VFD2A8ME21ANNGA**

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	34	3.1
50	100	32.1	2.9
0	100	30	2.7
90	50	29.7	2.7
50	50	28.8	2.6
0	50	27.6	2.5
50	25	28.1	2.6
0	25	27.3	2.5

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IE2

Series: **ME300**
 Model name: **VFD2A8ME21AFNAA, VFD2A8ME21AFSAA**

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	35.9	3.3
50	100	33.7	3.1
0	100	31.4	2.9
90	50	31.3	2.9
50	50	30.2	2.8
0	50	29	2.6
50	25	29.5	2.7
0	25	28.8	2.6

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IE2

Series: **ME300**

Model name: **VFD4A8ME21ANNA, VFD4A8ME21ANSAA, VFD4A8ME21ANNGA**

Apparent output power	1.8	kVA
Rated output current	4.8	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	49	2.7
50	100	45	2.5
0	100	40.8	2.3
90	50	37.9	2.1
50	50	36	2
0	50	33.8	1.9
50	25	32	1.8
0	25	30.9	1.7

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD4A8ME21AFNAA, VFD4A8ME21AFSAA**

Apparent output power	1.8	kVA
Rated output current	4.8	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	51.7	2.9
50	100	46.9	2.6
0	100	42.2	2.3
90	50	39.7	2.2
50	50	37.6	2.1
0	50	35.3	2
50	25	33.5	1.9
0	25	32.4	1.8

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Efficiency level:

IE2

Series: **ME300**

Model name: **VFD7A5ME21ANNA, VFD7A5ME21ANSAA, VFD7A5ME21ANNGA**

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	71.2	2.5
50	100	66	2.3
0	100	60.4	2.1
90	50	53.6	1.9
50	50	51.2	1.8
0	50	48.4	1.7
50	25	44.9	1.6
0	25	43.5	1.5

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD7A5ME21AFNAA, VFD7A5ME21AFSAA**

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	72.6	2.5
50	100	66.4	2.3
0	100	60.4	2.1
90	50	54	1.9
50	50	51.3	1.8
0	50	48.4	1.7
50	25	44.9	1.6
0	25	43.5	1.5

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**Model name: **VFD11AME21ANNA, VFD11AME21ANSAA, VFD11AME21ANNGA**

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	99.1	2.4
50	100	90.7	2.2
0	100	81.9	2
90	50	71.7	1.7
50	50	67.9	1.6
0	50	63.6	1.5
50	25	58.3	1.4
0	25	56.2	1.3

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD11AME21AFNAA, VFD11AME21AFSAA**

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	102.1	2.4
50	100	91.6	2.2
0	100	81.9	2
90	50	72.6	1.7
50	50	68.2	1.6
0	50	63.6	1.5
50	25	58.4	1.4
0	25	56.2	1.3

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IE2

Series: **ME300**Model name: **VFD0A8ME23ANNAA, VFD0A8ME23ANSAA**

Apparent output power	0.3	kVA
Rated output current	0.8	A
Rated power output	0.1	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	23.3	7.8
50	100	22.9	7.6
0	100	22.4	7.5
90	50	22.3	7.4
50	50	22	7.3
0	50	21.7	7.2
50	25	21.9	7.3
0	25	21.7	7.2

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Efficiency level:

IE2

Series: **ME300**Model name: **VFD1A6ME23ANNAA, VFD1A6ME23ANSAA**

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	28	4.7
50	100	27.1	4.5
0	100	26	4.3
90	50	25.7	4.3
50	50	25.2	4.2
0	50	24.6	4.1
50	25	24.9	4.1
0	25	24.5	4.1

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD2A8ME23ANNAA, VFD2A8ME23ANSAA**

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	33.8	3.1
50	100	32	2.9
0	100	29.8	2.7
90	50	29.7	2.7
50	50	28.7	2.6
0	50	27.5	2.5
50	25	28	2.5
0	25	27.3	2.5

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Efficiency level:

IE2

Series: **ME300**

Model name: **VFD4A8ME23ANNAA, VFD4A8ME23ANSAA**

Apparent output power	1.8	kVA
Rated output current	4.8	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	49	2.7
50	100	45.1	2.5
0	100	40.8	2.3
90	50	37.9	2.1
50	50	36	2
0	50	33.9	1.9
50	25	32	1.8
0	25	31	1.7

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**

Model name: **VFD7A5ME23ANNAA, VFD7A5ME23ANSAA**

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	69.2	2.4
50	100	63.4	2.2
0	100	57.3	2
90	50	52.5	1.8
50	50	49.8	1.7
0	50	46.7	1.6
50	25	43.8	1.5
0	25	42.2	1.5

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD11AME23ANNAA, VFD11AME23ANSAA**

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	100.4	2.4
50	100	92	2.2
0	100	83.2	2
90	50	72.4	1.7
50	50	68.6	1.6
0	50	64.3	1.5
50	25	58.7	1.4
0	25	56.6	1.4

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**Model name: **VFD17AME23ANNAA, VFD17AME23ANSAA**

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	141.5	2.2
50	100	129.1	2
0	100	116.2	1.8
90	50	101.6	1.6
50	50	95.8	1.5
0	50	89.2	1.4
50	25	81.2	1.3
0	25	77.9	1.2

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**

Model name: **VFD25AME23ANNAA, VFD25AME23ANSAA**

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	218.7	2.3
50	100	195.8	2.1
0	100	173.9	1.8
90	50	129.2	1.4
50	50	120	1.3
0	50	110	1.2
50	25	94	1
0	25	89.1	0.9

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**

Model name: **VFD1A5ME43ANNAA, VFD1A5ME43ANSAA, VFD1A5ME43ANNGA**

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	40.9	3.7
50	100	40.1	3.6
0	100	39.1	3.6
90	50	38	3.5
50	50	37.5	3.4
0	50	37	3.4
50	25	37.1	3.4
0	25	36.8	3.3

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD1A5ME43AFNAA, VFD1A5ME43AFSAA**

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	42.5	3.9
50	100	41.5	3.8
0	100	40.5	3.7
90	50	39.5	3.6
50	50	38.9	3.5
0	50	38.4	3.5
50	25	38.5	3.5
0	25	38.2	3.5

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD2A7ME43ANNAA, VFD2A7ME43ANSAA, VFD2A7ME43ANNGA**

Apparent output power	2.1	kVA
Rated output current	2.7	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	52.5	2.5
50	100	50.6	2.4
0	100	48.4	2.3
90	50	44.2	2.1
50	50	43.3	2.1
0	50	42.2	2
50	25	40.1	1.9
0	25	39.5	1.9

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Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD2A7ME43AFNAA, VFD2A7ME43AFSAA**

Apparent output power	2.1	kVA
Rated output current	2.7	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	54.6	2.6
50	100	52.2	2.5
0	100	49.8	2.4
90	50	45.8	2.2
50	50	44.7	2.1
0	50	43.6	2.1
50	25	41.5	2
0	25	40.9	2

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Efficiency level:

IE2

Series: **ME300**Model name: **VFD4A2ME43ANNAA, VFD4A2ME43ANSAA, VFD4A2ME43ANNGA**

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	70.8	2.2
50	100	67.4	2.1
0	100	63.8	2
90	50	56.4	1.8
50	50	54.8	1.7
0	50	53	1.7
50	25	49.4	1.5
0	25	48.5	1.5

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IE2

Series: **ME300**
 Model name: **VFD4A2ME43AFNAA, VFD4A2ME43AFSAA**

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	72.5	2.3
50	100	67.9	2.1
0	100	63.8	2
90	50	56.8	1.8
50	50	54.9	1.7
0	50	53	1.7
50	25	49.4	1.5
0	25	48.5	1.5

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IE2

Series: **ME300**

Model name: **VFD5A5ME43ANNA, VFD5A5ME43ANSAA, VFD5A5ME43ANNGA**

Apparent output power	4.2	kVA
Rated output current	5.5	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	94.8	2.3
50	100	89.8	2.1
0	100	84.7	2
90	50	74.2	1.8
50	50	72	1.7
0	50	69.5	1.7
50	25	64.5	1.5
0	25	63.3	1.5

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Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD5A5ME43AFNAA, VFD5A5ME43AFSAA**

Apparent output power	4.2	kVA
Rated output current	5.5	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	96	2.3
50	100	90.1	2.2
0	100	84.7	2
90	50	74.6	1.8
50	50	72.1	1.7
0	50	69.5	1.7
50	25	64.5	1.5
0	25	63.3	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**Model name: **VFD7A3ME43ANNAA, VFD7A3ME43ANSAA, VFD7A3ME43ANNGA**

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	125.5	2.2
50	100	117.9	2.1
0	100	110.6	2
90	50	95.1	1.7
50	50	91.8	1.6
0	50	88.4	1.6
50	25	81	1.5
0	25	79.4	1.4

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Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD7A3ME43AFNAA, VFD7A3ME43AFSAA**

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	127.6	2.3
50	100	118.6	2.1
0	100	110.6	2
90	50	95.7	1.7
50	50	92	1.6
0	50	88.4	1.6
50	25	81.1	1.5
0	25	79.4	1.4

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Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**

Model name: **VFD9A0ME43ANNAA, VFD9A0ME43ANSAA, VFD9A0ME43ANNGA**

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	135.1	2
50	100	128.6	1.9
0	100	121.4	1.8
90	50	106	1.5
50	50	102.9	1.5
0	50	99.3	1.4
50	25	91.7	1.3
0	25	89.9	1.3

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Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD9A0ME43AFNAA, VFD9A0ME43AFSAA**

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	138.3	2
50	100	129.6	1.9
0	100	121.4	1.8
90	50	106.9	1.6
50	50	103.2	1.5
0	50	99.3	1.4
50	25	91.8	1.3
0	25	89.9	1.3

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**Model name: **VFD13AME43ANNAA, VFD13AME43ANSAA, VFD13AME43ANNGA**

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	190.4	1.9
50	100	178.9	1.8
0	100	166.5	1.7
90	50	128.4	1.3
50	50	123.6	1.3
0	50	118.2	1.2
50	25	104.6	1.1
0	25	101.9	1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD13AME43AFNAA, VFD13AME43AFSAA**

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	193.7	2
50	100	179.9	1.8
0	100	166.5	1.7
90	50	129.2	1.3
50	50	123.9	1.3
0	50	118.2	1.2
50	25	104.6	1.1
0	25	101.9	1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**

Model name: **VFD17AME43ANNAA, VFD17AME43ANSAA, VFD17AME43ANNGA**

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	243.2	1.9
50	100	227.1	1.8
0	100	210.4	1.6
90	50	158.7	1.2
50	50	152.2	1.2
0	50	145	1.1
50	25	126.3	1
0	25	122.8	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **ME300**
 Model name: **VFD17AME43AFNAA, VFD17AME43AFSAA**

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	248.8	1.9
50	100	228.9	1.8
0	100	210.4	1.6
90	50	160.1	1.2
50	50	152.7	1.2
0	50	145	1.1
50	25	126.5	1
0	25	122.8	0.9

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