

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD007CH43A-21**

Apparent output power	2.39	kVA
Rated output current	3.0	A
Rated power output	0.75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	12.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	62.1	2.6
50	100	60.1	2.5
0	100	57.8	2.4
90	50	51.2	2.1
50	50	50.2	2.1
0	50	49.0	2.1
50	25	45.9	1.9
0	25	45.3	1.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD007CH4EA-21**

Apparent output power	2.39	kVA
Rated output current	3.0	A
Rated power output	0.75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	12.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	62.2	2.6
50	100	60.2	2.5
0	100	57.9	2.4
90	50	51.3	2.1
50	50	50.3	2.1
0	50	49.2	2.1
50	25	46.0	1.9
0	25	45.4	1.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD015CH43A-21**

Apparent output power	3.19	kVA
Rated output current	4.0	A
Rated power output	1.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	77.6	2.4
50	100	74.7	2.3
0	100	71.4	2.2
90	50	62.1	1.9
50	50	60.7	1.9
0	50	59.1	1.9
50	25	54.7	1.7
0	25	53.9	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD015CH4EA-21**

Apparent output power	3.19	kVA
Rated output current	4.0	A
Rated power output	1.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	77.8	2.4
50	100	74.9	2.3
0	100	71.6	2.2
90	50	62.3	2.0
50	50	60.9	1.9
0	50	59.3	1.9
50	25	54.9	1.7
0	25	54.1	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

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IE2

Series: **CH2000**

Model name: **VFD022CH43A-21**

Apparent output power	4.78	kVA
Rated output current	6.0	A
Rated power output	2.2	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	102.3	2.1
50	100	98.3	2.1
0	100	93.9	2.0
90	50	78.4	1.6
50	50	76.5	1.6
0	50	74.3	1.6
50	25	67.1	1.4
0	25	66.0	1.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD022CH4EA-21**

Apparent output power	4.78	kVA
Rated output current	6.0	A
Rated power output	2.2	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	102.7	2.1
50	100	98.7	2.1
0	100	94.3	2.0
90	50	78.8	1.6
50	50	76.9	1.6
0	50	74.7	1.6
50	25	67.5	1.4
0	25	66.4	1.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD037CH43A-21**

Apparent output power	7.17	kVA
Rated output current	9.0	A
Rated power output	3.7	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	139.8	1.9
50	100	133.5	1.9
0	100	126.5	1.8
90	50	103.6	1.4
50	50	100.6	1.4
0	50	97.1	1.4
50	25	86.3	1.2
0	25	84.5	1.2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD037CH4EA-21**

Apparent output power	7.17	kVA
Rated output current	9.0	A
Rated power output	3.7	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	140.7	2.0
50	100	134.4	1.9
0	100	127.4	1.8
90	50	104.5	1.5
50	50	101.5	1.4
0	50	98.0	1.4
50	25	87.1	1.2
0	25	85.4	1.2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD055CH43A-21**

Apparent output power	9.56	kVA
Rated output current	12.0	A
Rated power output	5.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	170.8	1.8
50	100	159.9	1.7
0	100	148.3	1.6
90	50	108.5	1.1
50	50	103.9	1.1
0	50	98.6	1.0
50	25	83.8	0.9
0	25	81.2	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD055CH4EA-21**

Apparent output power	9.56	kVA
Rated output current	12.0	A
Rated power output	5.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	177.1	1.9
50	100	166.3	1.7
0	100	154.6	1.6
90	50	113.0	1.2
50	50	108.4	1.1
0	50	103.1	1.1
50	25	87.6	0.9
0	25	85.0	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD075CH43A-21**

Apparent output power	14.34	kVA
Rated output current	18.0	A
Rated power output	7.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	289.1	2.0
50	100	265.8	1.9
0	100	242.0	1.7
90	50	178.4	1.2
50	50	168.5	1.2
0	50	157.5	1.1
50	25	133.4	0.9
0	25	127.9	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD075CH4EA-21**

Apparent output power	14.34	kVA
Rated output current	18.0	A
Rated power output	7.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	294.0	2.0
50	100	270.7	1.9
0	100	246.9	1.7
90	50	183.2	1.3
50	50	173.4	1.2
0	50	162.4	1.1
50	25	138.2	1.0
0	25	132.8	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD110CH43A-21**

Apparent output power	19.12	kVA
Rated output current	24.0	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	347.7	1.8
50	100	321.6	1.7
0	100	293.2	1.5
90	50	211.5	1.1
50	50	200.3	1.0
0	50	187.4	1.0
50	25	156.5	0.8
0	25	150.1	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD110CH4EA-21**

Apparent output power	19.12	kVA
Rated output current	24.0	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	356.3	1.9
50	100	330.2	1.7
0	100	301.9	1.6
90	50	220.2	1.2
50	50	209.0	1.1
0	50	196.1	1.0
50	25	165.1	0.9
0	25	158.7	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD150CH43A-21**

Apparent output power	25.50	kVA
Rated output current	32.0	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	453.5	1.8
50	100	423.7	1.7
0	100	390.3	1.5
90	50	272.2	1.1
50	50	259.0	1.0
0	50	243.4	1.0
50	25	199.2	0.8
0	25	191.4	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD150CH4EA-21**

Apparent output power	25.50	kVA
Rated output current	32.0	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	468.9	1.8
50	100	439.1	1.7
0	100	405.6	1.6
90	50	287.6	1.1
50	50	274.3	1.1
0	50	258.7	1.0
50	25	214.6	0.8
0	25	206.7	0.8

Energy Efficiency Report

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Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD185CH43A-21**

Apparent output power	30.28	kVA
Rated output current	38.0	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	428.5	1.4
50	100	404.3	1.3
0	100	379.4	1.3
90	50	264.7	0.9
50	50	254.3	0.8
0	50	242.8	0.8
50	25	199.7	0.7
0	25	194.0	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD185CH4EA-21**

Apparent output power	30.28	kVA
Rated output current	38.0	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	435.0	1.4
50	100	410.8	1.4
0	100	385.9	1.3
90	50	271.2	0.9
50	50	260.8	0.9
0	50	249.3	0.8
50	25	206.2	0.7
0	25	200.5	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD220CH43A-21**

Apparent output power	35.85	kVA
Rated output current	45.0	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	510.9	1.4
50	100	480.7	1.3
0	100	450.4	1.3
90	50	307.9	0.9
50	50	295.3	0.8
0	50	281.3	0.8
50	25	228.6	0.6
0	25	221.7	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD220CH4EA-21**

Apparent output power	35.85	kVA
Rated output current	45.0	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	520.0	1.5
50	100	489.8	1.4
0	100	459.5	1.3
90	50	317.0	0.9
50	50	304.4	0.8
0	50	290.4	0.8
50	25	237.8	0.7
0	25	230.9	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD300CH43A-21**

Apparent output power	47.80	kVA
Rated output current	60.0	A
Rated power output	30	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	687.7	1.4
50	100	642.9	1.3
0	100	600.0	1.3
90	50	400.3	0.8
50	50	382.3	0.8
0	50	363.1	0.8
50	25	290.2	0.6
0	25	280.8	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD300CH4EA-21**

Apparent output power	47.80	kVA
Rated output current	60.0	A
Rated power output	30	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	40.2	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	718.9	1.5
50	100	674.1	1.4
0	100	631.2	1.3
90	50	431.5	0.9
50	50	413.5	0.9
0	50	394.3	0.8
50	25	321.4	0.7
0	25	312.0	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD370CH43S-00**

Apparent output power	58.16	kVA
Rated output current	73.0	A
Rated power output	37	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	41.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	799.7	1.4
50	100	728.1	1.3
0	100	669.7	1.2
90	50	447.5	0.8
50	50	421.0	0.7
0	50	395.8	0.7
50	25	311.7	0.5
0	25	299.7	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD370CH43S-21**

Apparent output power	58.16	kVA
Rated output current	73.0	A
Rated power output	37	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	41.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	799.7	1.4
50	100	728.1	1.3
0	100	669.7	1.2
90	50	447.5	0.8
50	50	421.0	0.7
0	50	395.8	0.7
50	25	311.7	0.5
0	25	299.7	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD007CH23A-21**

Apparent output power	1.99	kVA
Rated output current	5.0	A
Rated power output	0.75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	12.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	61.5	3.1
50	100	58.1	2.9
0	100	54.5	2.7
90	50	49.7	2.5
50	50	48.1	2.4
0	50	46.2	2.3
50	25	43.7	2.2
0	25	42.8	2.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD015CH23A-21**

Apparent output power	3.19	kVA
Rated output current	8.0	A
Rated power output	1.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	84.8	2.7
50	100	78.6	2.5
0	100	72.0	2.3
90	50	65.1	2.0
50	50	62.1	1.9
0	50	58.7	1.8
50	25	55.0	1.7
0	25	53.3	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD022CH23A-21**

Apparent output power	4.38	kVA
Rated output current	11.0	A
Rated power output	2.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	107.8	2.5
50	100	98.8	2.3
0	100	89.2	2.0
90	50	79.1	1.8
50	50	74.9	1.7
0	50	70.0	1.6
50	25	64.6	1.5
0	25	62.2	1.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD037CH23A-21**

Apparent output power	6.77	kVA
Rated output current	17.0	A
Rated power output	3.7	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	145.6	2.1
50	100	132.0	1.9
0	100	117.8	1.7
90	50	104.0	1.5
50	50	97.7	1.4
0	50	90.5	1.3
50	25	82.6	1.2
0	25	79.0	1.2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD055CH23A-21**

Apparent output power	9.96	kVA
Rated output current	25.0	A
Rated power output	5.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	227.1	2.3
50	100	201.8	2.0
0	100	177.1	1.8
90	50	139.6	1.4
50	50	129.3	1.3
0	50	118.2	1.2
50	25	103.7	1.0
0	25	98.2	1.0

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD075CH23A-21**

Apparent output power	13.15	kVA
Rated output current	33.0	A
Rated power output	7.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	270.8	2.1
50	100	240.1	1.8
0	100	209.6	1.6
90	50	159.6	1.2
50	50	147.4	1.1
0	50	134.0	1.0
50	25	115.6	0.9
0	25	109.1	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD110CH23A-21**

Apparent output power	19.52	kVA
Rated output current	49.0	A
Rated power output	11	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	378.6	1.9
50	100	284.7	1.5
0	100	202.4	1.0
90	50	197.8	1.0
50	50	162.6	0.8
0	50	127.5	0.7
50	25	120.3	0.6
0	25	103.6	0.5

Energy Efficiency Report

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Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD150CH23A-21**

Apparent output power	25.89	kVA
Rated output current	65.0	A
Rated power output	15	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	39.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	635.0	2.5
50	100	510.1	2.0
0	100	431.1	1.7
90	50	332.4	1.3
50	50	291.5	1.1
0	50	259.9	1.0
50	25	218.8	0.8
0	25	204.5	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD185CH23A-21**

Apparent output power	29.88	kVA
Rated output current	75.0	A
Rated power output	18.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	39.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	765.1	2.6
50	100	605.9	2.0
0	100	509.7	1.7
90	50	386.1	1.3
50	50	335.3	1.1
0	50	297.7	1.0
50	25	246.9	0.8
0	25	230.2	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD370CH43A-00**

Apparent output power	58.16	kVA
Rated output current	73	A
Rated power output	37	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	905.3	1.6
50	100	825	1.4
0	100	749.5	1.3
90	50	536.4	0.9
50	50	505.5	0.9
0	50	473.1	0.8
50	25	390.9	0.7
0	25	375.4	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD370CH43A-21**

Apparent output power	58.16	kVA
Rated output current	73	A
Rated power output	37	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	905.3	1.6
50	100	825	1.4
0	100	749.5	1.3
90	50	536.4	0.9
50	50	505.5	0.9
0	50	473.1	0.8
50	25	390.9	0.7
0	25	375.4	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD450CH43A-00**

Apparent output power	72.5	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1161.3	1.6
50	100	1058.7	1.5
0	100	963.3	1.3
90	50	676.3	0.9
50	50	636.3	0.9
0	50	594.8	0.8
50	25	482.9	0.7
0	25	462.9	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD450CH43A-21**

Apparent output power	72.5	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1161.3	1.6
50	100	1058.7	1.5
0	100	963.3	1.3
90	50	676.3	0.9
50	50	636.3	0.9
0	50	594.8	0.8
50	25	482.9	0.7
0	25	462.9	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD550CH43A-00**

Apparent output power	87.64	kVA
Rated output current	110	A
Rated power output	55	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1383.5	1.6
50	100	1266	1.4
0	100	1152	1.3
90	50	792.2	0.9
50	50	745.5	0.9
0	50	695.5	0.8
50	25	557.7	0.6
0	25	533.4	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD550CH43A-21**

Apparent output power	87.64	kVA
Rated output current	110	A
Rated power output	55	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1383.5	1.6
50	100	1266	1.4
0	100	1152	1.3
90	50	792.2	0.9
50	50	745.5	0.9
0	50	695.5	0.8
50	25	557.7	0.6
0	25	533.4	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD750CH43A-00**

Apparent output power	119.51	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1611.9	1.3
50	100	1407.7	1.2
0	100	1225.8	1
90	50	884.7	0.7
50	50	807.1	0.7
0	50	729.1	0.6
50	25	592.5	0.5
0	25	555.2	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD750CH43A-21**

Apparent output power	119.51	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1611.9	1.3
50	100	1407.7	1.2
0	100	1225.8	1
90	50	884.7	0.7
50	50	807.1	0.7
0	50	729.1	0.6
50	25	592.5	0.5
0	25	555.2	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD900CH43A-00**

Apparent output power	143.41	kVA
Rated output current	180	A
Rated power output	90	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	70.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1939.1	1.4
50	100	1706.8	1.2
0	100	1491.6	1
90	50	1067.2	0.7
50	50	977.4	0.7
0	50	884.3	0.6
50	25	717.7	0.5
0	25	672.9	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD900CH43A-21**

Apparent output power	143.41	kVA
Rated output current	180	A
Rated power output	90	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	70.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1939.1	1.4
50	100	1706.8	1.2
0	100	1491.6	1
90	50	1067.2	0.7
50	50	977.4	0.7
0	50	884.3	0.6
50	25	717.7	0.5
0	25	672.9	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD1100CH43A-00**

Apparent output power	175.28	kVA
Rated output current	220	A
Rated power output	110	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	70.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2294.7	1.3
50	100	2004.4	1.1
0	100	1728.3	1
90	50	1239.4	0.7
50	50	1125	0.6
0	50	1004.3	0.6
50	25	813.5	0.5
0	25	755	0.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD1100CH43A-21**

Apparent output power	175.28	kVA
Rated output current	220	A
Rated power output	110	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	70.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2294.7	1.3
50	100	2004.4	1.1
0	100	1728.3	1
90	50	1239.4	0.7
50	50	1125	0.6
0	50	1004.3	0.6
50	25	813.5	0.5
0	25	755	0.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD1320CH43A-00**

Apparent output power	199.19	kVA
Rated output current	250	A
Rated power output	132	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	87.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2736.7	1.4
50	100	2383.5	1.2
0	100	2053.6	1
90	50	1461.5	0.7
50	50	1324.6	0.7
0	50	1182.1	0.6
50	25	955.7	0.5
0	25	887.2	0.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD1320CH43A-21**

Apparent output power	199.19	kVA
Rated output current	250	A
Rated power output	132	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	87.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2736.7	1.4
50	100	2383.5	1.2
0	100	2053.6	1
90	50	1461.5	0.7
50	50	1324.6	0.7
0	50	1182.1	0.6
50	25	955.7	0.5
0	25	887.2	0.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD1600CH43A-00**

Apparent output power	246.99	kVA
Rated output current	310	A
Rated power output	160	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	166.6	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	4042.8	1.6
50	100	3655	1.5
0	100	3278.4	1.3
90	50	2262.3	0.9
50	50	2106	0.9
0	50	1937.9	0.8
50	25	1543.1	0.6
0	25	1462.5	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD1600CH43A-21**

Apparent output power	246.99	kVA
Rated output current	310	A
Rated power output	160	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	166.6	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	4042.8	1.6
50	100	3655	1.5
0	100	3278.4	1.3
90	50	2262.3	0.9
50	50	2106	0.9
0	50	1937.9	0.8
50	25	1543.1	0.6
0	25	1462.5	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD1850CH43A-00**

Apparent output power	294.8	kVA
Rated output current	370	A
Rated power output	185	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	166.6	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	4468	1.5
50	100	3984	1.4
0	100	3532.1	1.2
90	50	2465.9	0.8
50	50	2274.2	0.8
0	50	2073.1	0.7
50	25	1650.9	0.6
0	25	1554.8	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD1850CH43A-21**

Apparent output power	294.8	kVA
Rated output current	370	A
Rated power output	185	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	166.6	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	4468	1.5
50	100	3984	1.4
0	100	3532.1	1.2
90	50	2465.9	0.8
50	50	2274.2	0.8
0	50	2073.1	0.7
50	25	1650.9	0.6
0	25	1554.8	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD2200CH43A-00**

Apparent output power	358.53	kVA
Rated output current	450	A
Rated power output	220	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	166.6	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	5667.4	1.6
50	100	4941	1.4
0	100	4332.6	1.2
90	50	2987.8	0.8
50	50	2721.6	0.8
0	50	2464.4	0.7
50	25	1931.1	0.5
0	25	1812	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD2200CH43A-21**

Apparent output power	358.53	kVA
Rated output current	450	A
Rated power output	220	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	166.6	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	5667.4	1.6
50	100	4941	1.4
0	100	4332.6	1.2
90	50	2987.8	0.8
50	50	2721.6	0.8
0	50	2464.4	0.7
50	25	1931.1	0.5
0	25	1812	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD2800CH43A-00**

Apparent output power	438.21	kVA
Rated output current	550	A
Rated power output	280	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	223.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	7357	1.7
50	100	6649.9	1.5
0	100	6045.6	1.4
90	50	4139.2	0.9
50	50	3879.1	0.9
0	50	3624.5	0.8
50	25	2912.5	0.7
0	25	2794.7	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD2800CH43C-00**

Apparent output power	438.21	kVA
Rated output current	550	A
Rated power output	280	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	223.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	7357	1.7
50	100	6649.9	1.5
0	100	6045.6	1.4
90	50	4139.2	0.9
50	50	3879.1	0.9
0	50	3624.5	0.8
50	25	2912.5	0.7
0	25	2794.7	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD2800CH43C-21**

Apparent output power	438.21	kVA
Rated output current	550	A
Rated power output	280	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	223.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	7357	1.7
50	100	6649.9	1.5
0	100	6045.6	1.4
90	50	4139.2	0.9
50	50	3879.1	0.9
0	50	3624.5	0.8
50	25	2912.5	0.7
0	25	2794.7	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD3150CH43A-00**

Apparent output power	490.79	kVA
Rated output current	616	A
Rated power output	315	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	305.24	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	9006.2	1.8
50	100	8134.9	1.7
0	100	7356.1	1.5
90	50	4954.7	1
50	50	4632.5	0.9
0	50	4307.9	0.9
50	25	3453.8	0.7
0	25	3304.1	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD3150CH43C-21**

Apparent output power	490.79	kVA
Rated output current	616	A
Rated power output	315	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	305.24	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	9006.2	1.8
50	100	8134.9	1.7
0	100	7356.1	1.5
90	50	4954.7	1
50	50	4632.5	0.9
0	50	4307.9	0.9
50	25	3453.8	0.7
0	25	3304.1	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD3550CH43A-00**

Apparent output power	544.18	kVA
Rated output current	683	A
Rated power output	355	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	305.24	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	9930.3	1.8
50	100	8907.6	1.6
0	100	8010.6	1.5
90	50	5369.2	1
50	50	4997.4	0.9
0	50	4628.8	0.9
50	25	3683.8	0.7
0	25	3515.2	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD3550CH43C-21**

Apparent output power	544.18	kVA
Rated output current	683	A
Rated power output	355	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	305.24	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	9930.3	1.8
50	100	8907.6	1.6
0	100	8010.6	1.5
90	50	5369.2	1
50	50	4997.4	0.9
0	50	4628.8	0.9
50	25	3683.8	0.7
0	25	3515.2	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD4500CH43A-00**

Apparent output power	689.98	kVA
Rated output current	866	A
Rated power output	450	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	319.64	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	11156.1	1.6
50	100	10067.5	1.5
0	100	9023	1.3
90	50	5994.7	0.9
50	50	5571.4	0.8
0	50	5122	0.7
50	25	4050.4	0.6
0	25	3838.9	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD4500CH43C-21**

Apparent output power	689.98	kVA
Rated output current	866	A
Rated power output	450	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	319.64	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	11156.1	1.6
50	100	10067.5	1.5
0	100	9023	1.3
90	50	5994.7	0.9
50	50	5571.4	0.8
0	50	5122	0.7
50	25	4050.4	0.6
0	25	3838.9	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD220CH23A-00**

Apparent output power	35.85	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	711	2
50	100	625.3	1.7
0	100	542.4	1.5
90	50	441	1.2
50	50	406.2	1.1
0	50	368.8	1
50	25	326.3	0.9
0	25	307.9	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD220CH23A-21**

Apparent output power	35.85	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	711	2
50	100	625.3	1.7
0	100	542.4	1.5
90	50	441	1.2
50	50	406.2	1.1
0	50	368.8	1
50	25	326.3	0.9
0	25	307.9	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD300CH23A-00**

Apparent output power	47.8	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1042.9	2.2
50	100	922.6	1.9
0	100	808.1	1.7
90	50	607.5	1.3
50	50	558.9	1.2
0	50	507.2	1.1
50	25	431.2	0.9
0	25	405.8	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD300CH23A-21**

Apparent output power	47.8	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1042.9	2.2
50	100	922.6	1.9
0	100	808.1	1.7
90	50	607.5	1.3
50	50	558.9	1.2
0	50	507.2	1.1
50	25	431.2	0.9
0	25	405.8	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD370CH23A-00**

Apparent output power	58.16	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1459.1	2.5
50	100	1233.3	2.1
0	100	1009.8	1.7
90	50	754.4	1.3
50	50	669.7	1.2
0	50	579	1
50	25	482.1	0.8
0	25	439.6	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD370CH23A-21**

Apparent output power	58.16	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	53.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1459.1	2.5
50	100	1233.3	2.1
0	100	1009.8	1.7
90	50	754.4	1.3
50	50	669.7	1.2
0	50	579	1
50	25	482.1	0.8
0	25	439.6	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD450CH23A-00**

Apparent output power	71.71	kVA
Rated output current	180	A
Rated power output	45	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	70.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1890.6	2.6
50	100	1596.5	2.2
0	100	1301.7	1.8
90	50	958.8	1.3
50	50	849.8	1.2
0	50	732.3	1
50	25	605.7	0.8
0	25	551.3	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD450CH23A-21**

Apparent output power	71.71	kVA
Rated output current	180	A
Rated power output	45	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	70.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1890.6	2.6
50	100	1596.5	2.2
0	100	1301.7	1.8
90	50	958.8	1.3
50	50	849.8	1.2
0	50	732.3	1
50	25	605.7	0.8
0	25	551.3	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD550CH23A-00**

Apparent output power	85.65	kVA
Rated output current	215	A
Rated power output	55	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	70.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1737.5	2
50	100	1482.3	1.7
0	100	1229.5	1.4
90	50	952.1	1.1
50	50	845.9	1
0	50	730.3	0.9
50	25	618.2	0.7
0	25	560.8	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD550CH23A-21**

Apparent output power	85.65	kVA
Rated output current	215	A
Rated power output	55	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	70.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1737.5	2
50	100	1482.3	1.7
0	100	1229.5	1.4
90	50	952.1	1.1
50	50	845.9	1
0	50	730.3	0.9
50	25	618.2	0.7
0	25	560.8	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD750CH23A-00**

Apparent output power	101.58	kVA
Rated output current	255	A
Rated power output	75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	87.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2562.8	2.5
50	100	2203.1	2.2
0	100	1891.9	1.9
90	50	1321.3	1.3
50	50	1185.2	1.2
0	50	1050.5	1
50	25	846	0.8
0	25	781.4	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series: **CH2000**

Model name: **VFD750CH23A-21**

Apparent output power	101.58	kVA
Rated output current	255	A
Rated power output	75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	87.72	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2562.8	2.5
50	100	2203.1	2.2
0	100	1891.9	1.9
90	50	1321.3	1.3
50	50	1185.2	1.2
0	50	1050.5	1
50	25	846	0.8
0	25	781.4	0.8