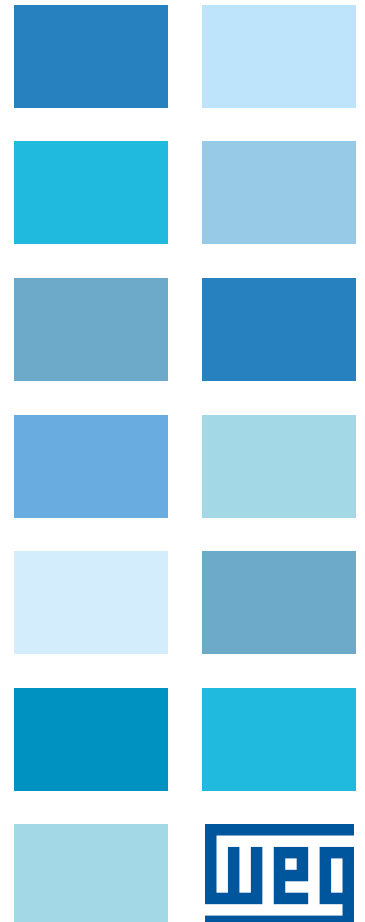


Energy Efficiency Certificate

ADV200-WA-6

Language: English



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ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type

ADV200-WA-72000-KXX-6

IE2

EFFICIENCY:

97.2%

Code

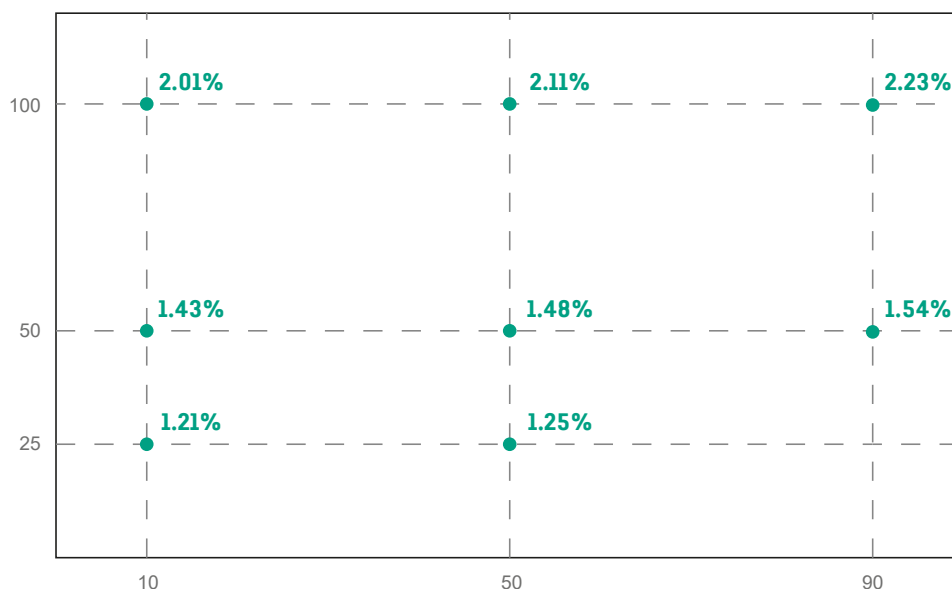
S9075W

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	200
Nominal current	(A)	210
Nominal apparent power	(kVA)	238.4
Standby loss	(W)	484
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.23%	5,327.27	97.2%
90	50	1.54%	3,673.80	96.7%
50	100	2.11%	5,030.66	95.4%
50	50	1.48%	3,531.35	94.5%
50	25	1.25%	2,971.18	93.6%
10	100	2.01%	4,802.06	81.2%
10	50	1.43%	3,411.77	77.9%
10	25	1.21%	2,888.18	75.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type

ADV200-WA-72500-KXX-6

IE2

EFFICIENCY:

97.4%

Code

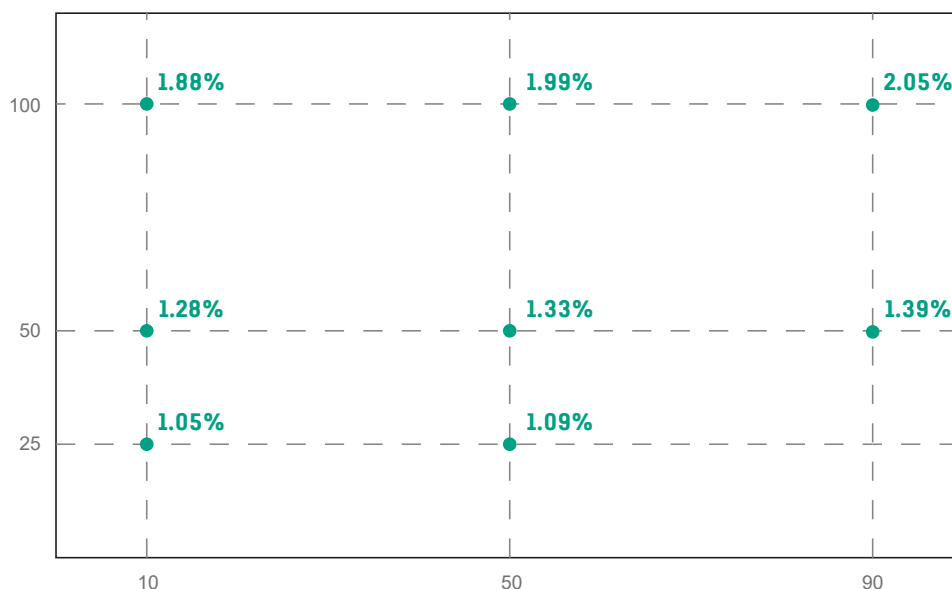
S9076W

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	250
Nominal current	(A)	265
Nominal apparent power	(kVA)	300.8
Standby loss	(W)	562
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.05%	6,182.02	97.4%
90	50	1.39%	4,195.73	96.9%
50	100	1.99%	5,974.80	95.6%
50	50	1.33%	4,011.48	94.8%
50	25	1.09%	3,269.38	94.0%
10	100	1.88%	5,669.39	82.2%
10	50	1.28%	3,861.23	79.2%
10	25	1.05%	3,170.33	76.3%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type

ADV200-WJA-73150-KXX-6

IE2

EFFICIENCY:

97.6%

Code

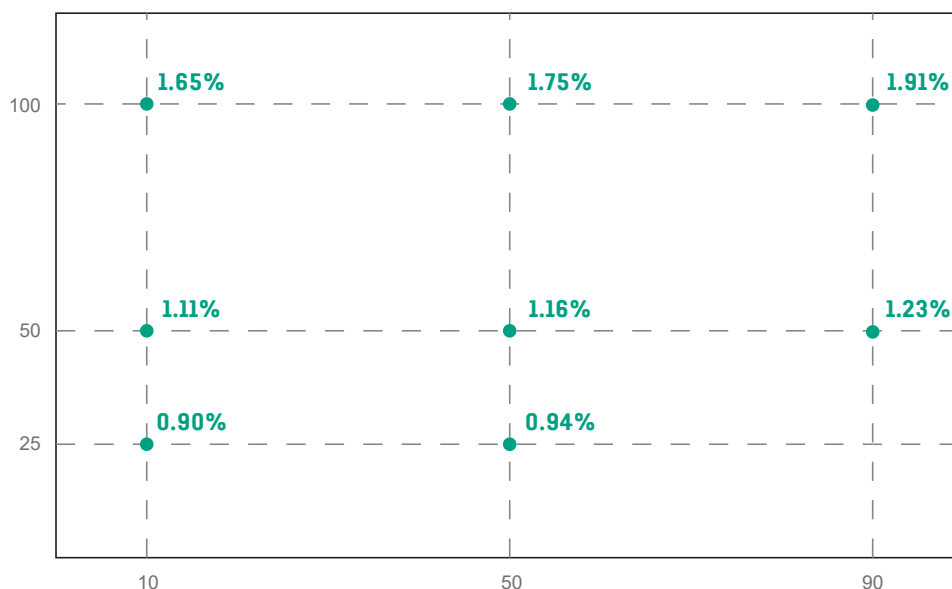
S9077W

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	315
Nominal current	(A)	330
Nominal apparent power	(kVA)	374.7
Standby loss	(W)	650
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.91%	7,144.19	97.6%
90	50	1.23%	4,594.93	97.3%
50	100	1.75%	6,569.82	96.1%
50	50	1.16%	4,346.97	95.5%
50	25	0.94%	3,510.87	94.8%
10	100	1.65%	6,164.19	84.1%
10	50	1.11%	4,151.93	81.5%
10	25	0.90%	3,383.68	79.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type

ADV200-WA-73550-KXX-6

IE2

EFFICIENCY:

97.7%

Code

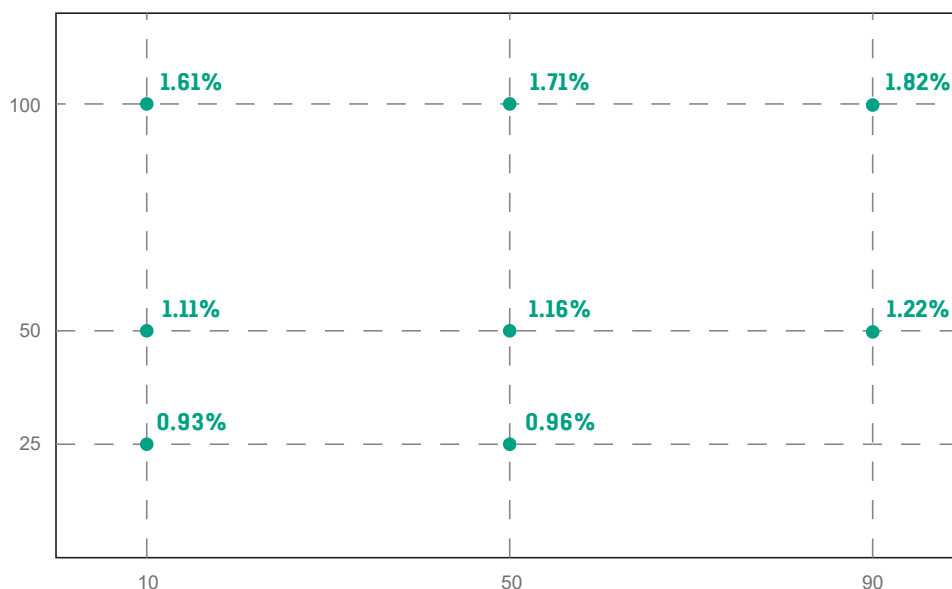
S9078W

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	706
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.82%	7,766.22	97.7%
90	50	1.22%	5,180.40	97.3%
50	100	1.71%	7,261.43	96.2%
50	50	1.16%	4,945.69	95.4%
50	25	0.96%	4,076.16	94.7%
10	100	1.61%	6,865.30	84.4%
10	50	1.11%	4,745.04	81.4%
10	25	0.93%	3,942.13	78.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type

ADV200-WA-74000-KXX-6

IE2

EFFICIENCY:

97.8%

Code

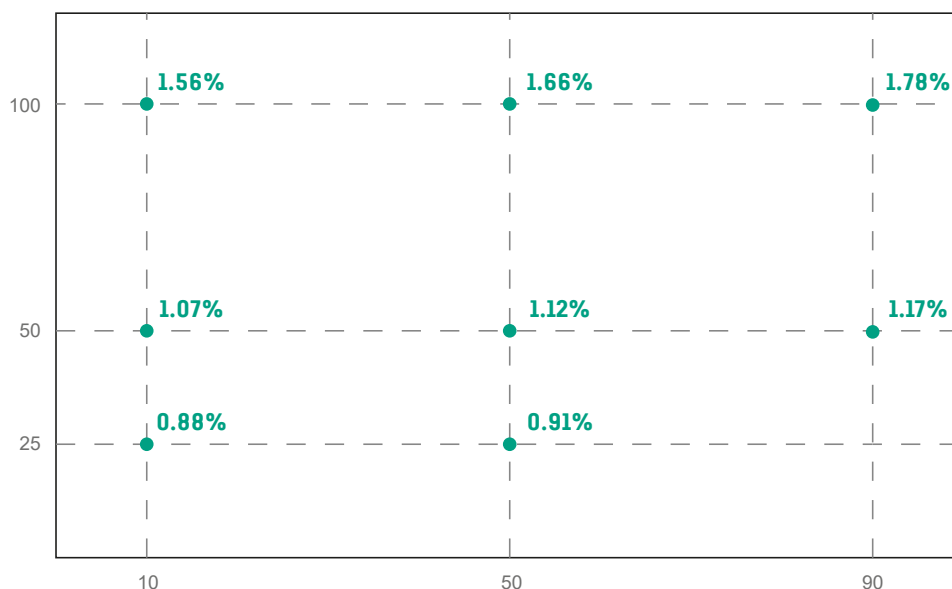
S9079W

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	762
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.78%	8,383.83	97.8%
90	50	1.17%	5,523.09	97.4%
50	100	1.66%	7,799.19	96.3%
50	50	1.12%	5,255.18	95.6%
50	25	0.91%	4,303.14	94.9%
10	100	1.56%	7,348.95	84.8%
10	50	1.07%	5,029.42	82.0%
10	25	0.88%	4,153.01	79.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-72000-KXX-6-DC**

IE2 EFFICIENCY: **97.6%**

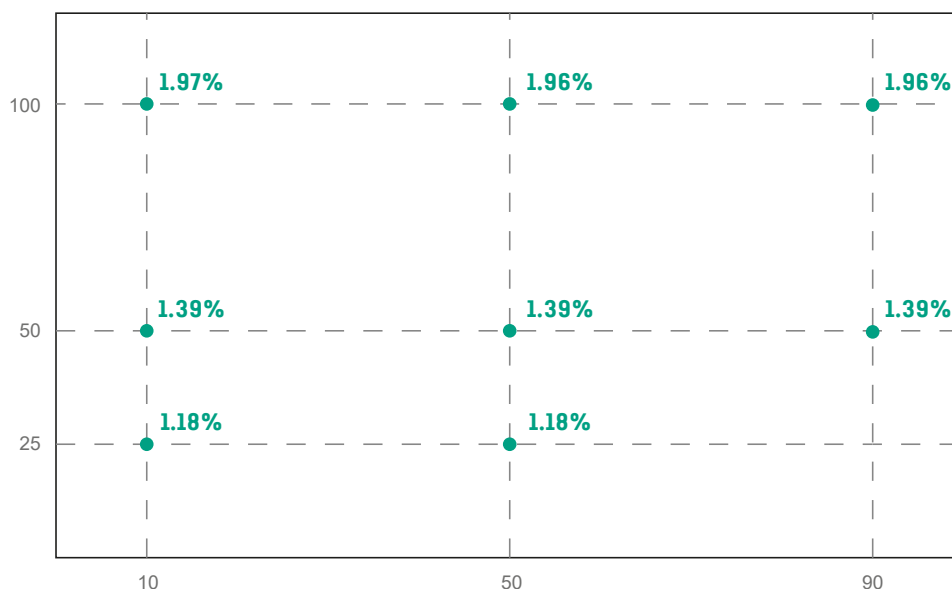
Code **S9082W**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	200
Nominal current	(A)	210
Nominal apparent power	(kVA)	238.4
Standby loss	(W)	425
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.96%	4,674.27	97.6%
90	50	1.39%	3,312.22	97.0%
50	100	1.96%	4,684.17	95.7%
50	50	1.39%	3,318.54	94.8%
50	25	1.18%	2,804.38	94.0%
10	100	1.97%	4,694.07	81.5%
10	50	1.39%	3,324.87	78.3%
10	25	1.18%	2,809.12	75.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-72500-KXX-6-DC**

IE2 EFFICIENCY: **97.8%**

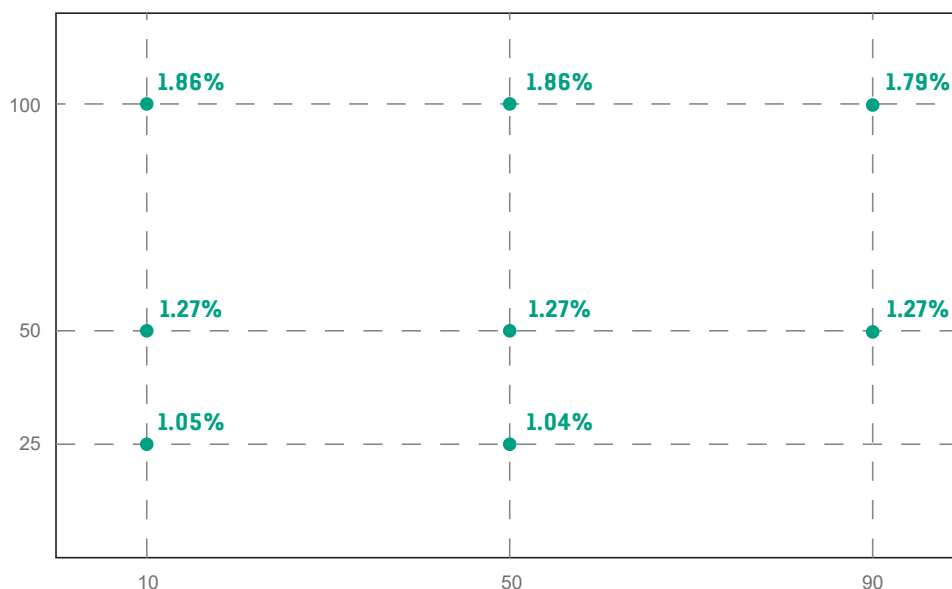
Code **S9083W**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	250
Nominal current	(A)	265
Nominal apparent power	(kVA)	300.8
Standby loss	(W)	562
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.79%	5,375.29	97.8%
90	50	1.27%	3,811.57	97.2%
50	100	1.86%	5,594.37	95.9%
50	50	1.27%	3,819.31	95.0%
50	25	1.04%	3,141.16	94.2%
10	100	1.86%	5,606.86	82.4%
10	50	1.27%	3,827.05	79.3%
10	25	1.05%	3,146.75	76.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73150-KXX-6-DC**

IE2 EFFICIENCY: **98.0%**

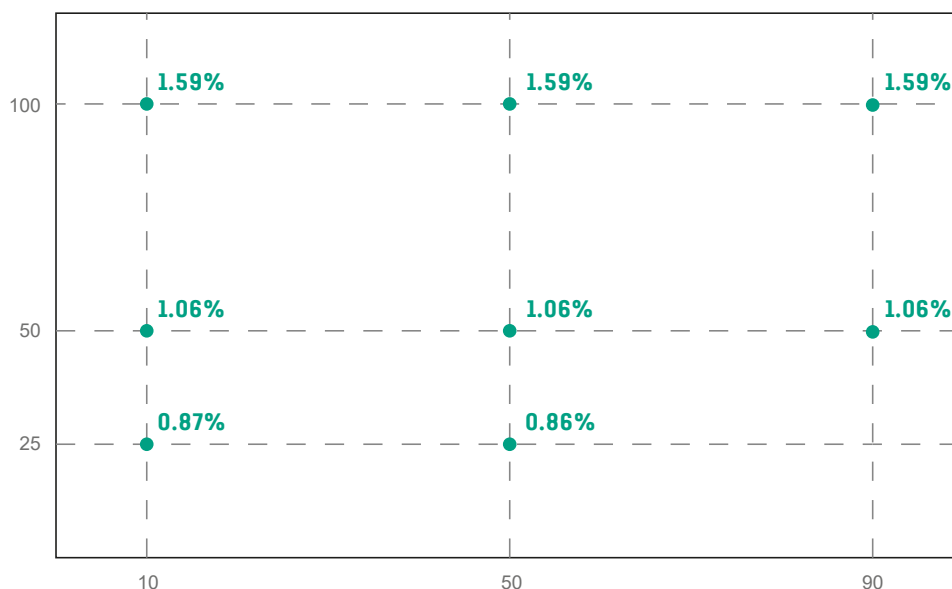
Code **S9084W**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	315
Nominal current	(A)	330
Nominal apparent power	(kVA)	374.7
Standby loss	(W)	540
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.59%	5,944.16	98.0%
90	50	1.06%	3,979.75	97.6%
50	100	1.59%	5,959.71	96.5%
50	50	1.06%	3,989.39	95.8%
50	25	0.86%	3,237.19	95.2%
10	100	1.59%	5,975.26	84.5%
10	50	1.07%	3,999.03	82.0%
10	25	0.87%	3,244.15	79.7%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73550-KXX-6-DC**

IE2 EFFICIENCY: **98.0%**

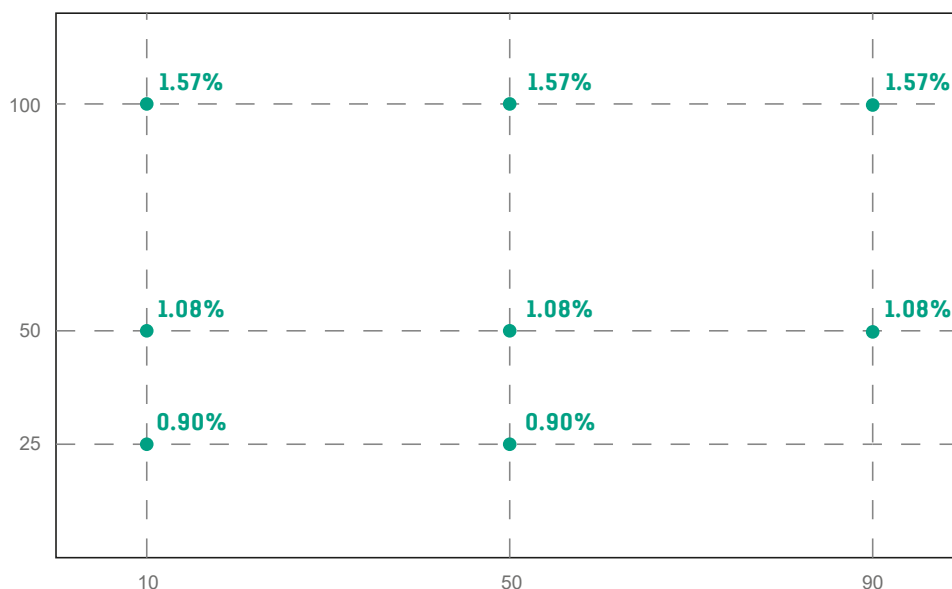
Code **S9085W**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	609
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.57%	6,696.38	98.0%
90	50	1.08%	4,606.39	97.6%
50	100	1.57%	6,691.88	96.5%
50	50	1.08%	4,604.97	95.7%
50	25	0.90%	3,815.06	95.0%
10	100	1.57%	6,687.37	84.7%
10	50	1.08%	4,603.56	81.8%
10	25	0.90%	3,814.38	79.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-KXX-6-DC**

IE2 EFFICIENCY: **98.1%**

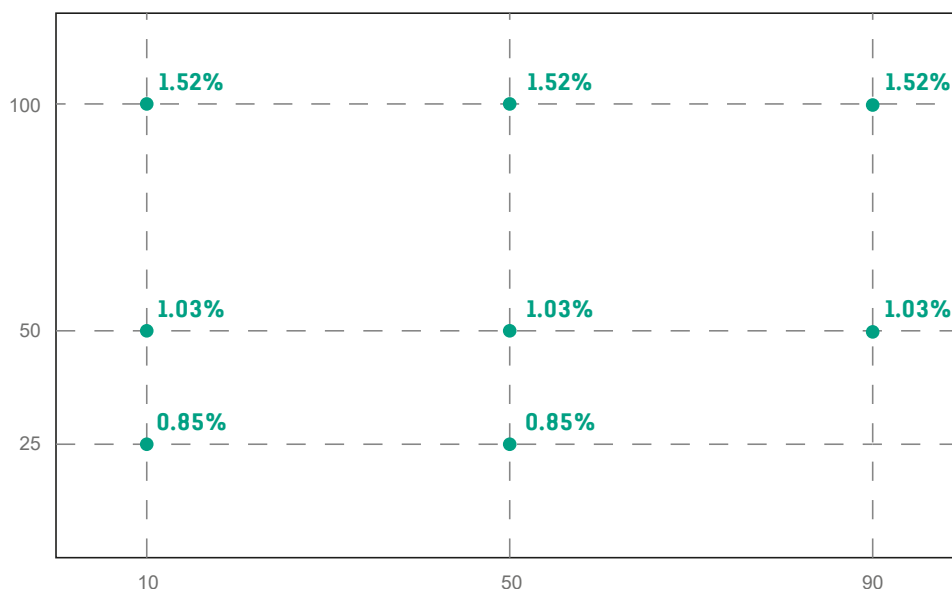
Code **S9086W**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.52%	7,160.41	98.1%
90	50	1.03%	4,872.96	97.7%
50	100	1.52%	7,154.18	96.6%
50	50	1.03%	4,871.00	95.9%
50	25	0.85%	4,008.86	95.2%
10	100	1.52%	7,147.95	85.2%
10	50	1.03%	4,869.05	82.5%
10	25	0.85%	4,007.91	80.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-72000-KXX-6+S1**

IE2 EFFICIENCY: **97.2%**

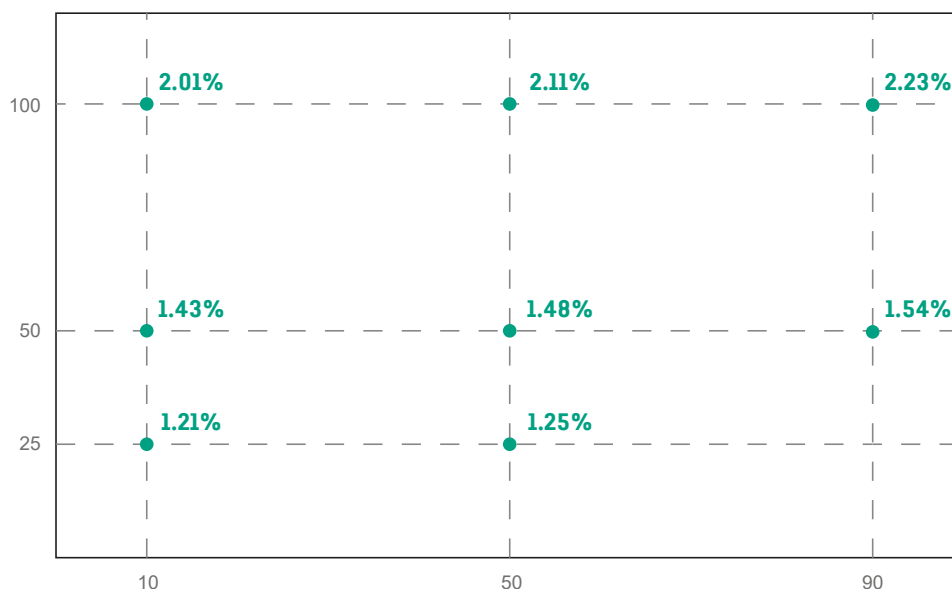
Code **S9075WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	200
Nominal current	(A)	210
Nominal apparent power	(kVA)	238.4
Standby loss	(W)	484
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.23%	5,327.27	97.2%
90	50	1.54%	3,673.80	96.7%
50	100	2.11%	5,030.66	95.4%
50	50	1.48%	3,531.35	94.5%
50	25	1.25%	2,971.18	93.6%
10	100	2.01%	4,802.06	81.2%
10	50	1.43%	3,411.77	77.9%
10	25	1.21%	2,888.18	75.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-72500-KXX-6+SI**

IE2 EFFICIENCY: **97.4%**

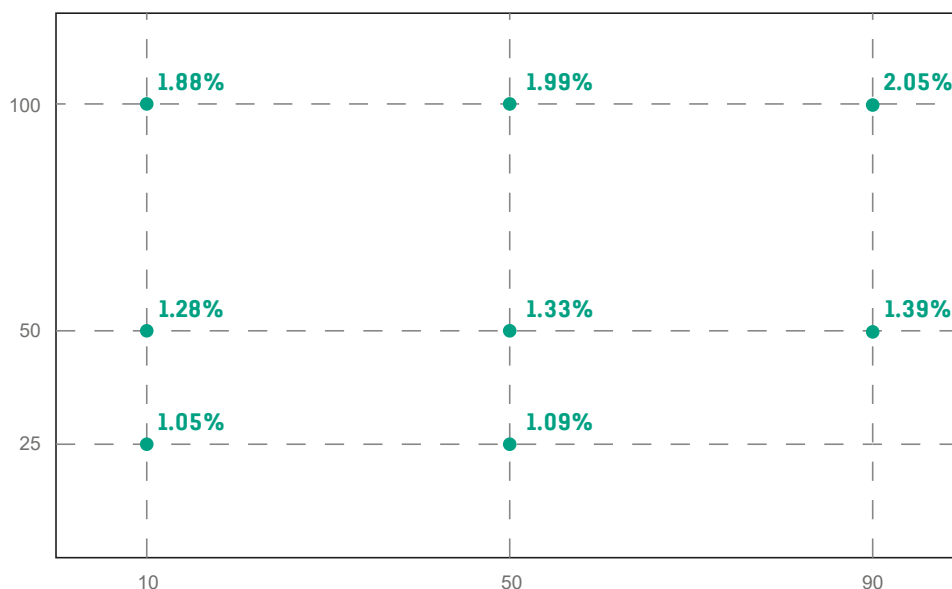
Code **S9076WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	250
Nominal current	(A)	265
Nominal apparent power	(kVA)	300.8
Standby loss	(W)	562
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.05%	6,182.02	97.4%
90	50	1.39%	4,195.73	96.9%
50	100	1.99%	5,974.80	95.6%
50	50	1.33%	4,011.48	94.8%
50	25	1.09%	3,269.38	94.0%
10	100	1.88%	5,669.39	82.2%
10	50	1.28%	3,861.23	79.2%
10	25	1.05%	3,170.33	76.3%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73150-KXX-6+SI**

IE2 EFFICIENCY: **97.6%**

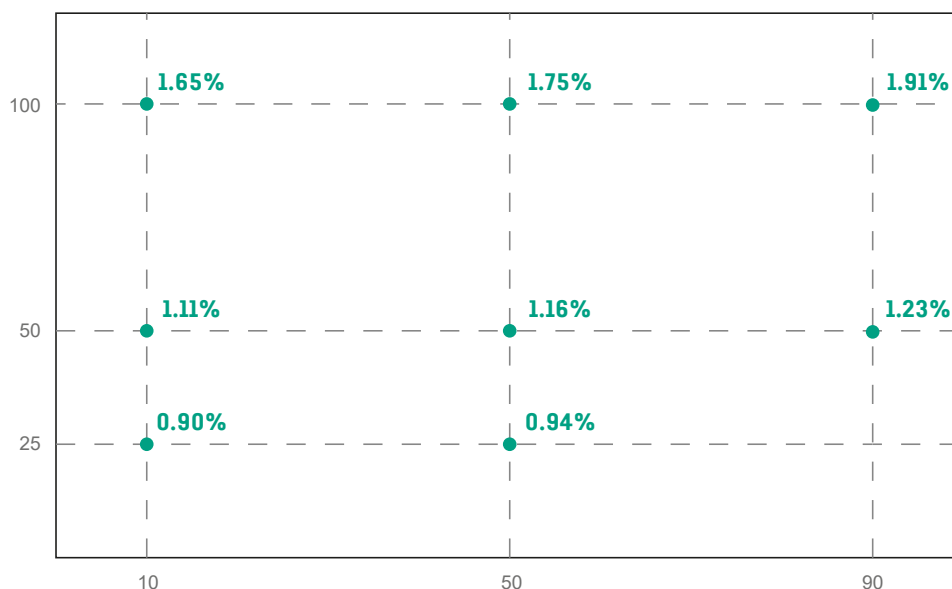
Code **S9077WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	315
Nominal current	(A)	330
Nominal apparent power	(kVA)	374.7
Standby loss	(W)	650
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.91%	7,144.19	97.6%
90	50	1.23%	4,594.93	97.3%
50	100	1.75%	6,569.82	96.1%
50	50	1.16%	4,346.97	95.5%
50	25	0.94%	3,510.87	94.8%
10	100	1.65%	6,164.19	84.1%
10	50	1.11%	4,151.93	81.5%
10	25	0.90%	3,383.68	79.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73550-KXX-6+SI**

IE2 EFFICIENCY: **97.7%**

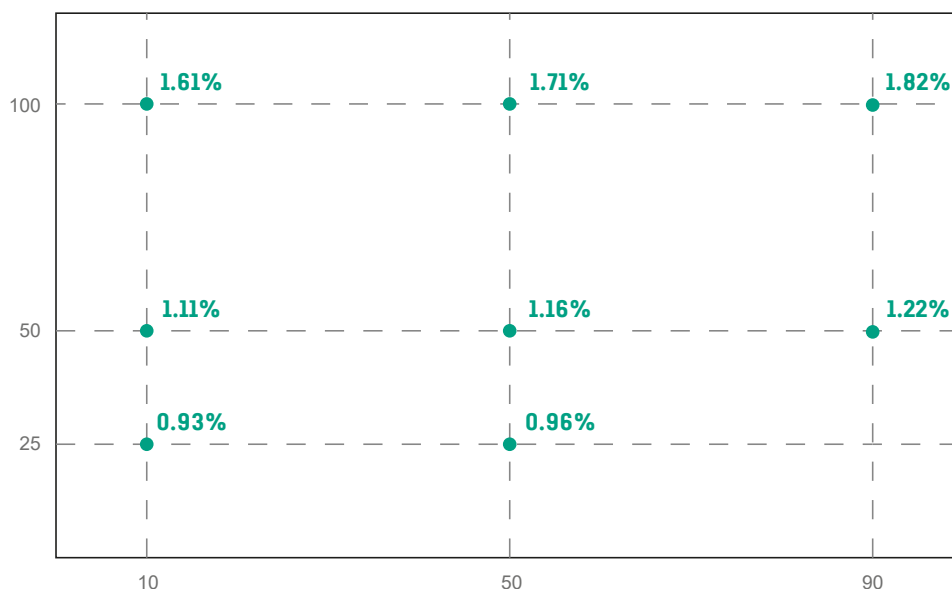
Code **S9078WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	706
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.82%	7,766.22	97.7%
90	50	1.22%	5,180.40	97.3%
50	100	1.71%	7,261.43	96.2%
50	50	1.16%	4,945.69	95.4%
50	25	0.96%	4,076.16	94.7%
10	100	1.61%	6,865.30	84.4%
10	50	1.11%	4,745.04	81.4%
10	25	0.93%	3,942.13	78.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-KXX-6+SI**

IE2 EFFICIENCY: **97.8%**

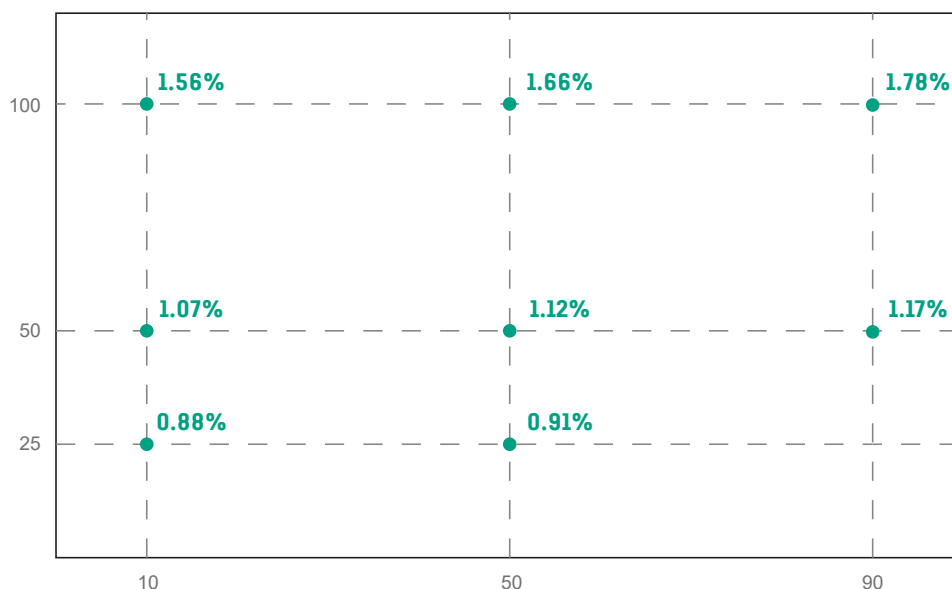
Code **S9079WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	762
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.78%	8,383.83	97.8%
90	50	1.17%	5,523.09	97.4%
50	100	1.66%	7,799.19	96.3%
50	50	1.12%	5,255.18	95.6%
50	25	0.91%	4,303.14	94.9%
10	100	1.56%	7,348.95	84.8%
10	50	1.07%	5,029.42	82.0%
10	25	0.88%	4,153.01	79.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-72000-KXX-6-DC+SI**

IE2 EFFICIENCY: **97.6%**

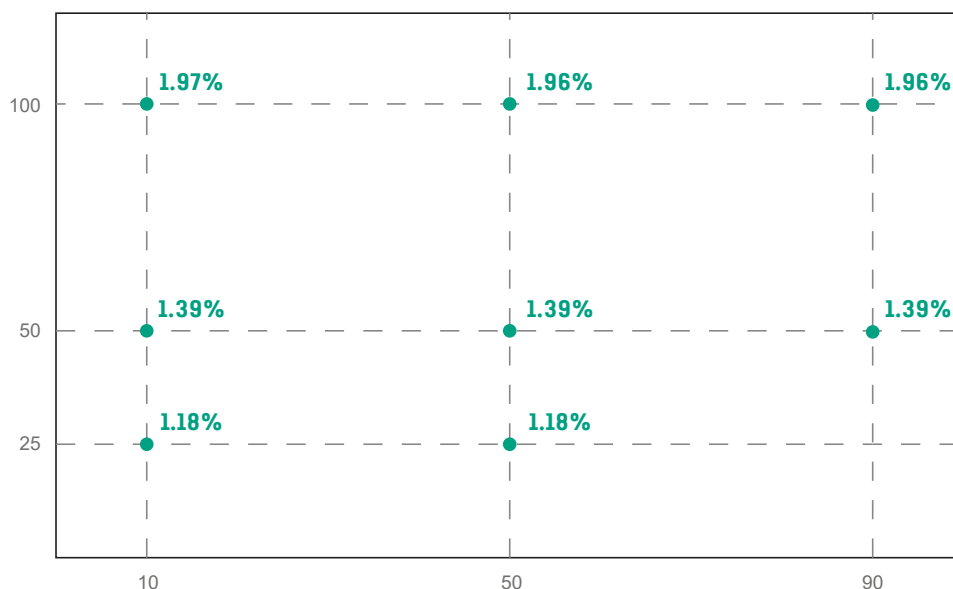
Code **S9082WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	200
Nominal current	(A)	210
Nominal apparent power	(kVA)	238.4
Standby loss	(W)	425
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.96%	4,674.27	97.6%
90	50	1.39%	3,312.22	97.0%
50	100	1.96%	4,684.17	95.7%
50	50	1.39%	3,318.54	94.8%
50	25	1.18%	2,804.38	94.0%
10	100	1.97%	4,694.07	81.5%
10	50	1.39%	3,324.87	78.3%
10	25	1.18%	2,809.12	75.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-72500-KXX-6-DC+SI**

IE2 EFFICIENCY: **97.8%**

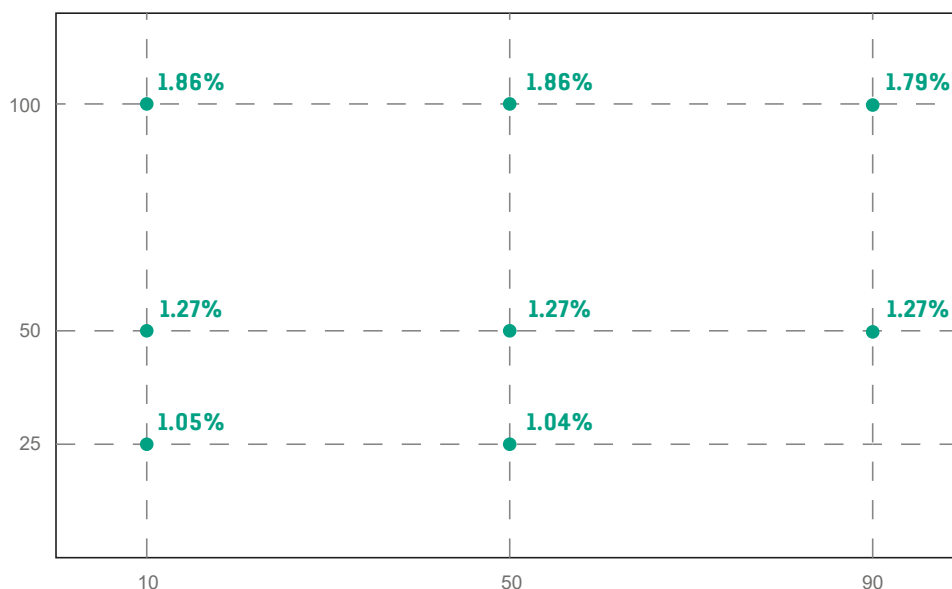
Code **S9083WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	250
Nominal current	(A)	265
Nominal apparent power	(kVA)	300.8
Standby loss	(W)	562
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.79%	5,375.29	97.8%
90	50	1.27%	3,811.57	97.2%
50	100	1.86%	5,594.37	95.9%
50	50	1.27%	3,819.31	95.0%
50	25	1.04%	3,141.16	94.2%
10	100	1.86%	5,606.86	82.4%
10	50	1.27%	3,827.05	79.3%
10	25	1.05%	3,146.75	76.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73150-KXX-6-DC+SI**

IE2 EFFICIENCY: **98.0%**

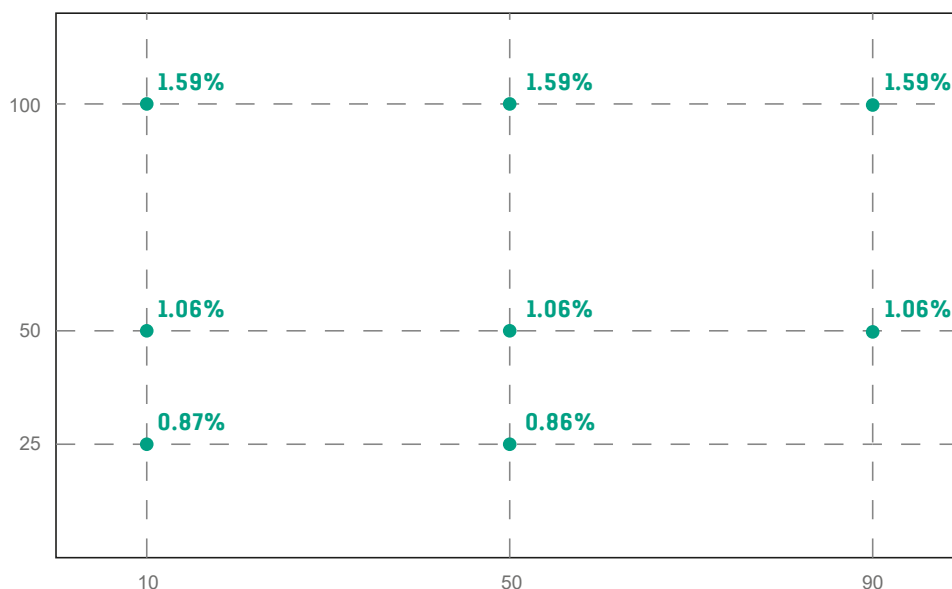
Code **S9084WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	315
Nominal current	(A)	330
Nominal apparent power	(kVA)	374.7
Standby loss	(W)	540
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.59%	5,944.16	98.0%
90	50	1.06%	3,979.75	97.6%
50	100	1.59%	5,959.71	96.5%
50	50	1.06%	3,989.39	95.8%
50	25	0.86%	3,237.19	95.2%
10	100	1.59%	5,975.26	84.5%
10	50	1.07%	3,999.03	82.0%
10	25	0.87%	3,244.15	79.7%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73550-KXX-6-DC+SI**

IE2 EFFICIENCY: **98.0%**

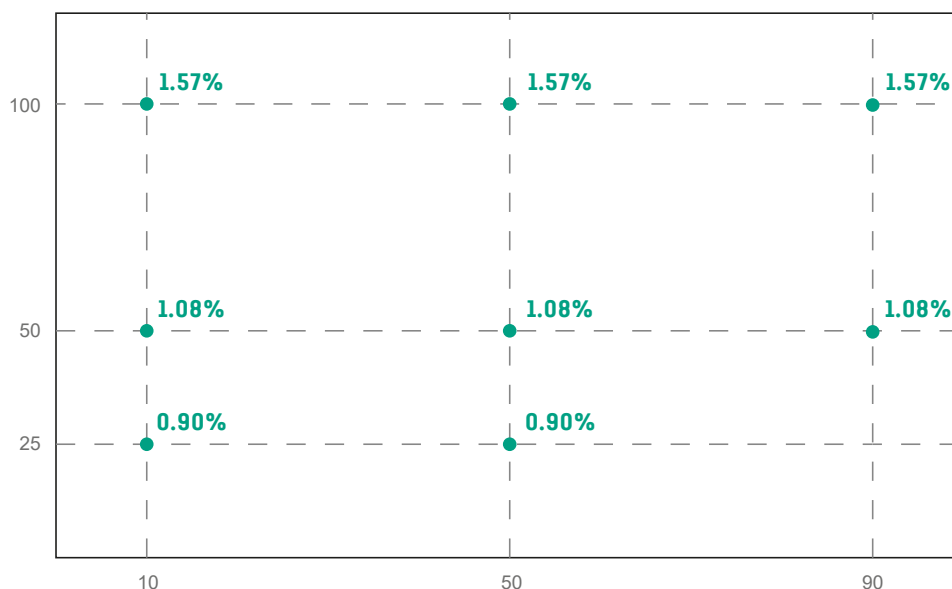
Code **S9085WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	609
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.57%	6,696.38	98.0%
90	50	1.08%	4,606.39	97.6%
50	100	1.57%	6,691.88	96.5%
50	50	1.08%	4,604.97	95.7%
50	25	0.90%	3,815.06	95.0%
10	100	1.57%	6,687.37	84.7%
10	50	1.08%	4,603.56	81.8%
10	25	0.90%	3,814.38	79.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-KXX-6-DC+SI**

IE2 EFFICIENCY: **98.1%**

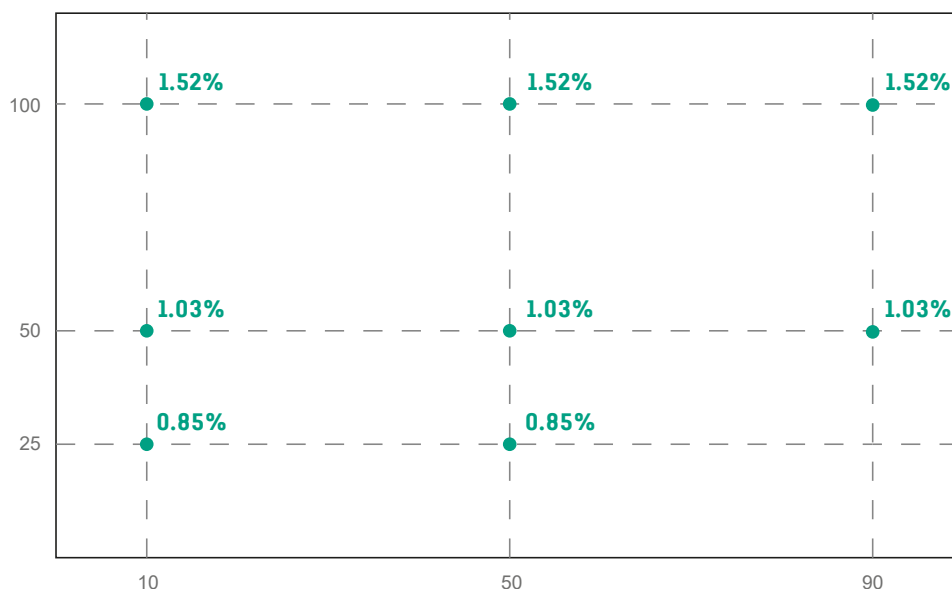
Code **S9086WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.52%	7,160.41	98.1%
90	50	1.03%	4,872.96	97.7%
50	100	1.52%	7,154.18	96.6%
50	50	1.03%	4,871.00	95.9%
50	25	0.85%	4,008.86	95.2%
10	100	1.52%	7,147.95	85.2%
10	50	1.03%	4,869.05	82.5%
10	25	0.85%	4,007.91	80.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6, PARALLEL CONFIG.: 400 kW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 97.4%

Code Type (Master)

S9076WJM ADV200-WA-72500-KXX-6-MS 05 -SI

Code Type (Slave)

S9076WL ADV200-WA-72500-XXX-6-SL

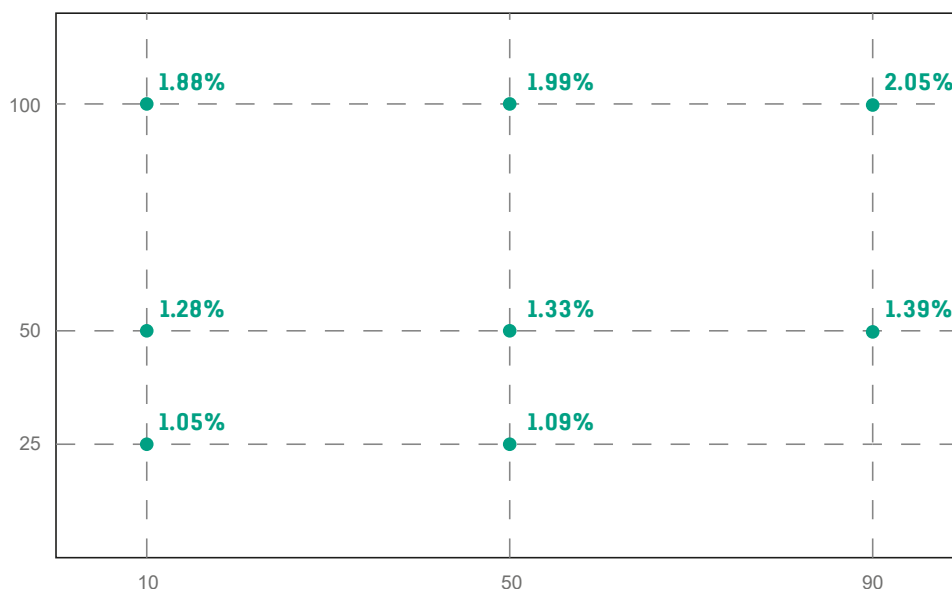
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.05%	6,182.02	97.4%
90	50	1.39%	4,195.73	96.9%
50	100	1.99%	5,974.80	95.6%
50	50	1.33%	4,011.48	94.8%
50	25	1.09%	3,269.38	94.0%
10	100	1.88%	5,669.39	82.2%
10	50	1.28%	3,861.23	79.2%
10	25	1.05%	3,170.33	76.3%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	250
Nominal current	(A)	265
Nominal apparent power	(kVA)	300.8
Standby loss	(W)	562
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6, PARALLEL CONFIG.: 500 kW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 97.6%

Code Type (Master)

S9077WM ADV200-WA-73150-KXX-6-MS 06 -SI

Code Type (Slave)

S9077WL ADV200-WA-73150-XXX-6-SL

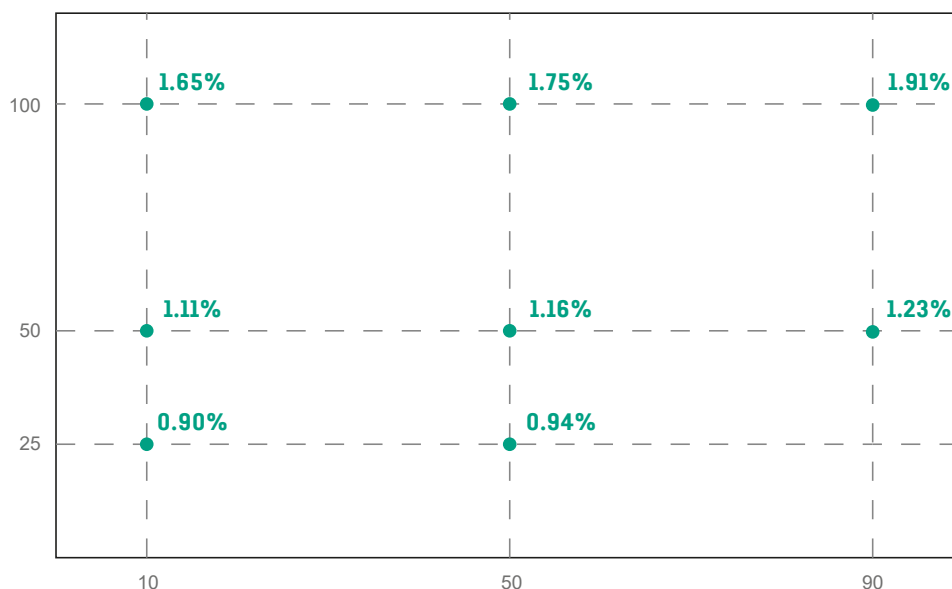
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.91%	7,144.19	97.6%
90	50	1.23%	4,594.93	97.3%
50	100	1.75%	6,569.82	96.1%
50	50	1.16%	4,346.97	95.5%
50	25	0.94%	3,510.87	94.8%
10	100	1.65%	6,164.19	84.1%
10	50	1.11%	4,151.93	81.5%
10	25	0.90%	3,383.68	79.0%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	315
Nominal current	(A)	330
Nominal apparent power	(kVA)	374.7
Standby loss	(W)	650
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6, PARALLEL CONFIG.: 630 kW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 97.7%

Code Type (Master)

S9078WJM ADV200-WA-73550-KXX-6-MS 07 -SI

Code Type (Slave)

S9078WJL ADV200-WA-73550-XXX-6-SL

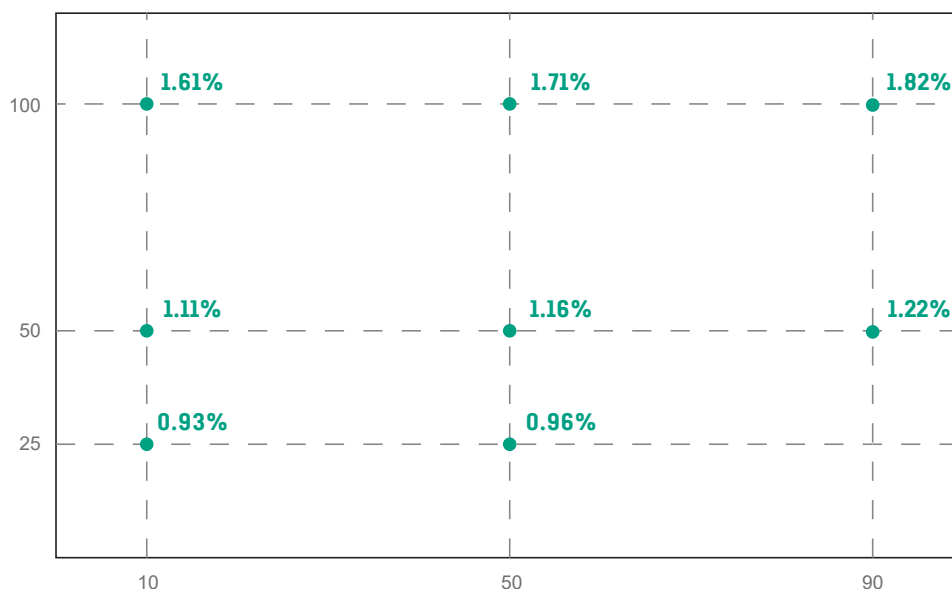
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.82%	7,766.22	97.7%
90	50	1.22%	5,180.40	97.3%
50	100	1.71%	7,261.43	96.2%
50	50	1.16%	4,945.69	95.4%
50	25	0.96%	4,076.16	94.7%
10	100	1.61%	6,865.30	84.4%
10	50	1.11%	4,745.04	81.4%
10	25	0.93%	3,942.13	78.6%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	706
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6, PARALLEL CONFIG.: 710 kW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 97.8%

Code Type (Master)

S9079WM ADV200-WA-74000-KXX-6-MS 08 -SI

Code Type (Slave)

S9079WL ADV200-WA-74000-XXX-6-SL

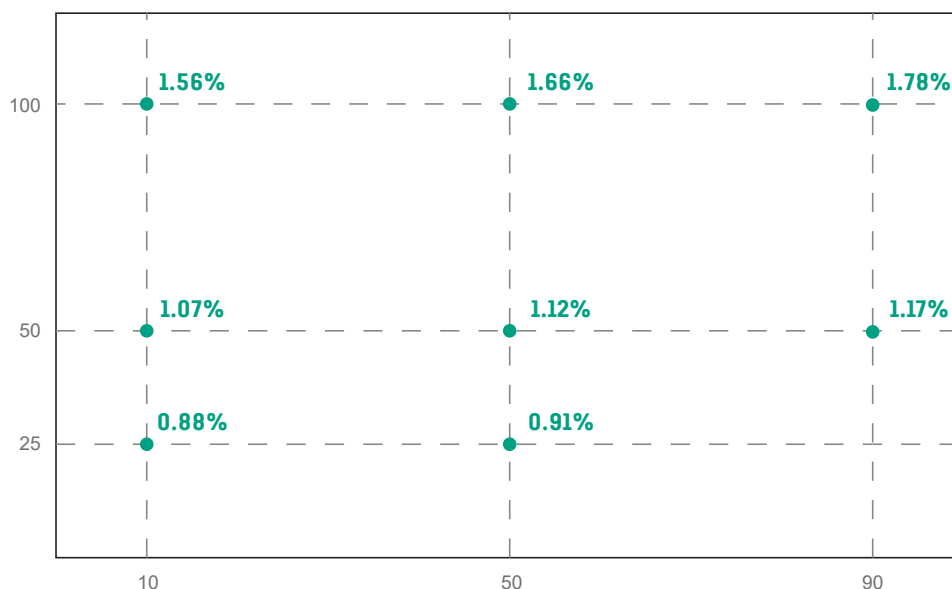
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.78%	8,383.83	97.8%
90	50	1.17%	5,523.09	97.4%
50	100	1.66%	7,799.19	96.3%
50	50	1.12%	5,255.18	95.6%
50	25	0.91%	4,303.14	94.9%
10	100	1.56%	7,348.95	84.8%
10	50	1.07%	5,029.42	82.0%
10	25	0.88%	4,153.01	79.4%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	762
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6, PARALLEL CONFIG.: 900 kW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 97.7%

Code Type (Master)

S9078WMI ADV200-WA-73550-KXX-6-MS 10-SI

Code Type (Slave)

S9078WL ADV200-WA-73550-XXX-6-SL

S9078WL ADV200-WA-73550-XXX-6-SL

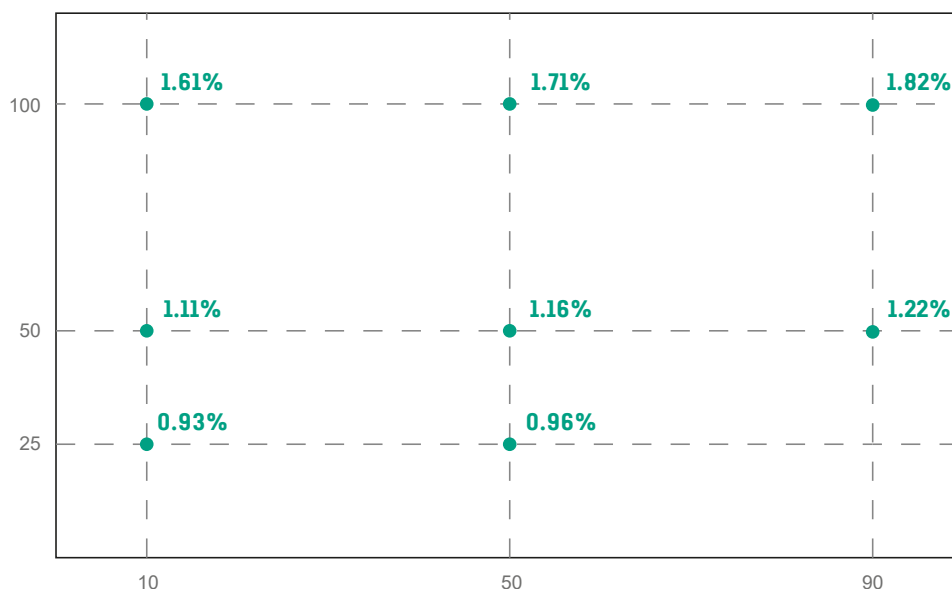
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.82%	7,766.22	97.7%
90	50	1.22%	5,180.40	97.3%
50	100	1.71%	7,261.43	96.2%
50	50	1.16%	4,945.69	95.4%
50	25	0.96%	4,076.16	94.7%
10	100	1.61%	6,865.30	84.4%
10	50	1.11%	4,745.04	81.4%
10	25	0.93%	3,942.13	78.6%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	706
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6, PARALLEL CONFIG.: 1 MW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 97.8%

Code Type (Master)

S9079WM1 ADV200-WA-74000-KXX-6-MS 12-SI

Code Type (Slave)

S9079WL ADV200-WA-74000-XXX-6-SL

S9079WL ADV200-WA-74000-XXX-6-SL

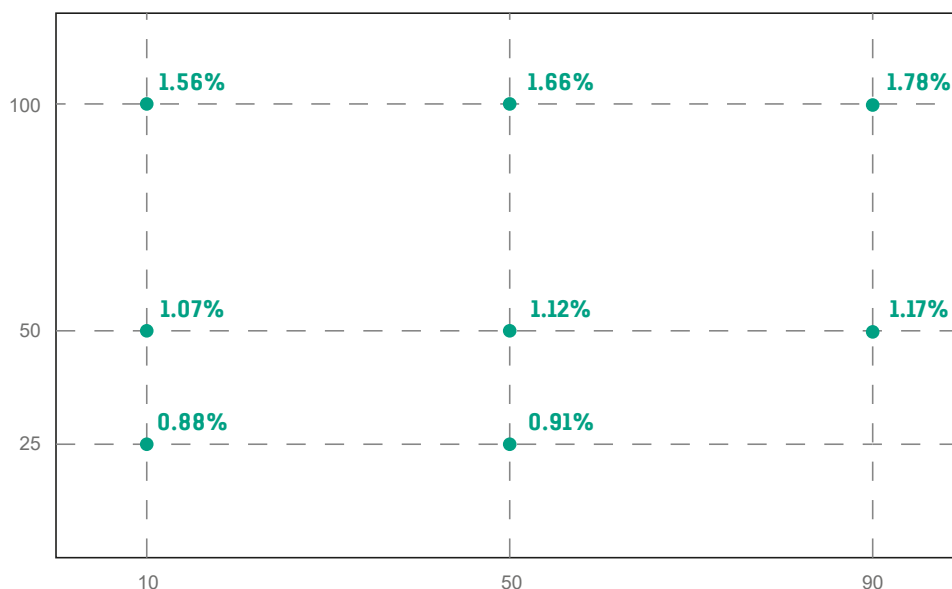
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.78%	8,383.83	97.8%
90	50	1.17%	5,523.09	97.4%
50	100	1.66%	7,799.19	96.3%
50	50	1.12%	5,255.18	95.6%
50	25	0.91%	4,303.14	94.9%
10	100	1.56%	7,348.95	84.8%
10	50	1.07%	5,029.42	82.0%
10	25	0.88%	4,153.01	79.4%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	762
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6, PARALLEL CONFIG.: 1.35 MW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 97.8%

Code **S9079WM2** Type (Master) **ADV200-WA-74000-KXX-6-MS 15-SI**

Code **S9079WL** Type (Slave) **ADV200-WA-74000-XXX-6-SL**

S9079WL **ADV200-WA-74000-XXX-6-SL**

S9079WL1 **ADV200-WA-74000-XXX-6SL2**

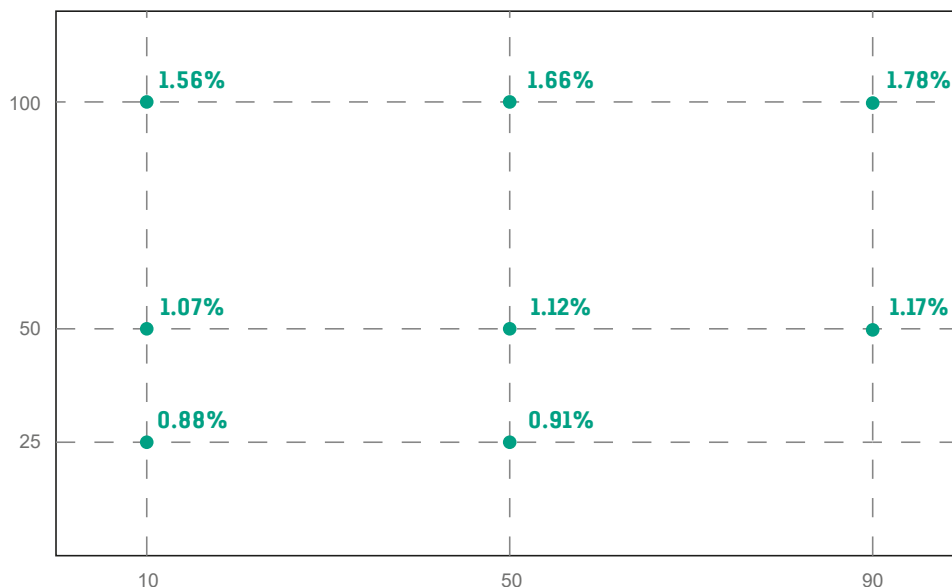
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.78%	8,383.83	97.8%
90	50	1.17%	5,523.09	97.4%
50	100	1.66%	7,799.19	96.3%
50	50	1.12%	5,255.18	95.6%
50	25	0.91%	4,303.14	94.9%
10	100	1.56%	7,348.95	84.8%
10	50	1.07%	5,029.42	82.0%
10	25	0.88%	4,153.01	79.4%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	762
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6, PARALLEL CONFIG.: 1.65 MW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 97.8%

Code Type (Master)
S9079WM3 ADV200-WA-74000-KXX-6-MS 18-SI

Code Type (Slave)
S9079WL ADV200-WA-74000-XXX-6-SL

S9079WL ADV200-WA-74000-XXX-6-SL

S9079WL1 ADV200-WA-74000-XXX-6SL2

S9079WL1 ADV200-WA-74000-XXX-6SL2

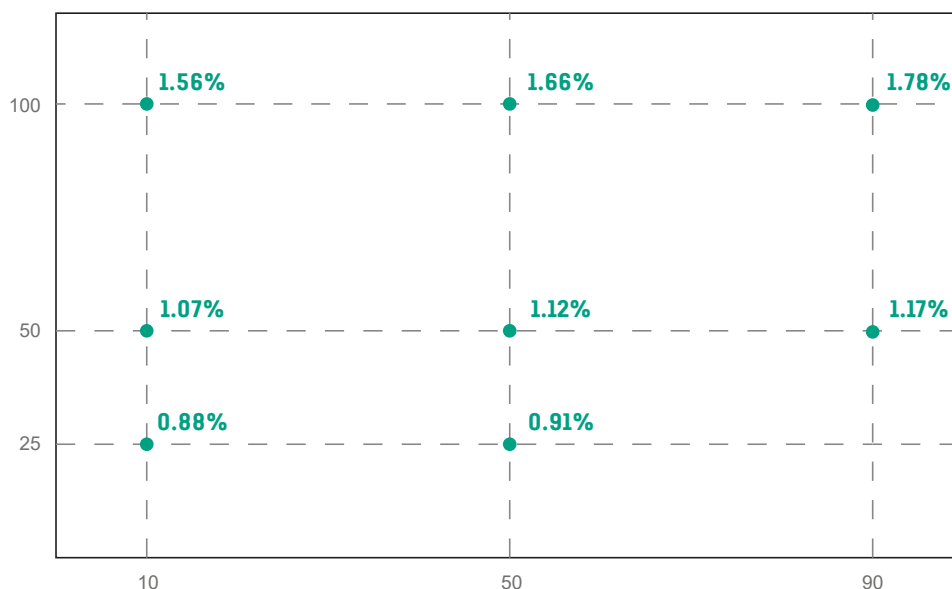
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.78%	8,383.83	97.8%
90	50	1.17%	5,523.09	97.4%
50	100	1.66%	7,799.19	96.3%
50	50	1.12%	5,255.18	95.6%
50	25	0.91%	4,303.14	94.9%
10	100	1.56%	7,348.95	84.8%
10	50	1.07%	5,029.42	82.0%
10	25	0.88%	4,153.01	79.4%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	762
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6-DC, PARALLEL CONFIG.: 400 kW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 97.8%

Code Type (Master)

S9076WMC ADV200-WA-72500-KXX-6-MS 05 -DC-SI

Code Type (Slave)

S9076WSC ADV200-WA-72500-XXX-6-SL-DC

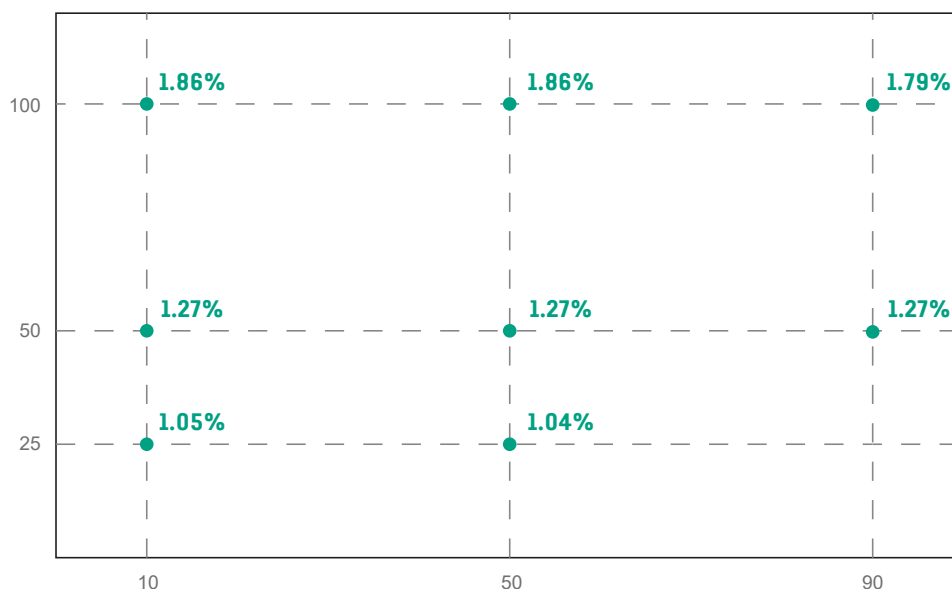
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.79%	5,375.29	97.8%
90	50	1.27%	3,811.57	97.2%
50	100	1.86%	5,594.37	95.9%
50	50	1.27%	3,819.31	95.0%
50	25	1.04%	3,141.16	94.2%
10	100	1.86%	5,606.86	82.4%
10	50	1.27%	3,827.05	79.3%
10	25	1.05%	3,146.75	76.4%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	250
Nominal current	(A)	265
Nominal apparent power	(kVA)	300.8
Standby loss	(W)	562
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6-DC, PARALLEL CONFIG.: 500 kW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 98.0%

Code Type (Master)

S9077WMC ADV200-WA-73150-KXX-6-MS 06 -DC-SI

Code Type (Slave)

S9077WSC ADV200-WA-73150-XXX-6-SL-DC

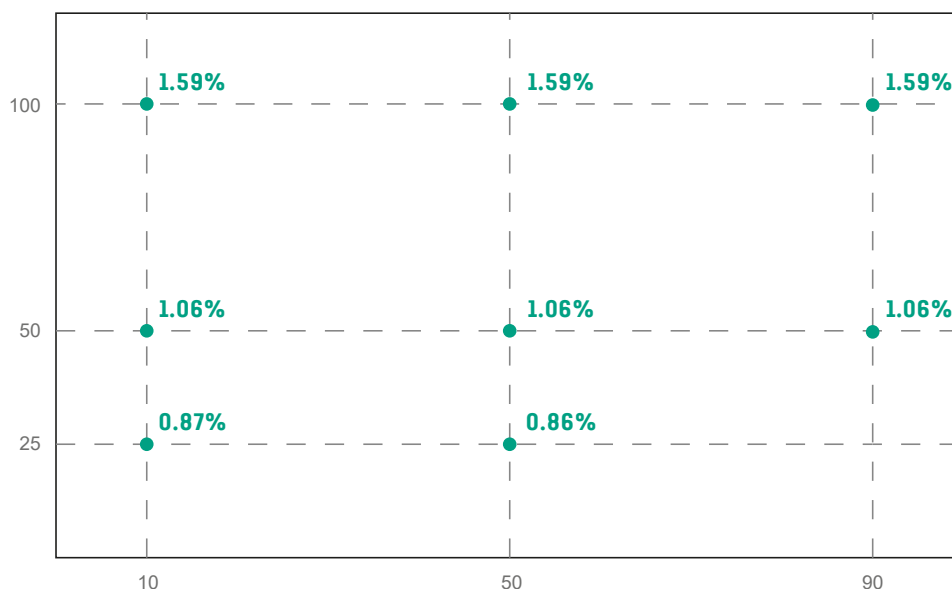
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.59%	5,944.16	98.0%
90	50	1.06%	3,979.75	97.6%
50	100	1.59%	5,959.71	96.5%
50	50	1.06%	3,989.39	95.8%
50	25	0.86%	3,237.19	95.2%
10	100	1.59%	5,975.26	84.5%
10	50	1.07%	3,999.03	82.0%
10	25	0.87%	3,244.15	79.7%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	315
Nominal current	(A)	330
Nominal apparent power	(kVA)	374.7
Standby loss	(W)	540
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6-DC, PARALLEL CONFIG.: 630 kW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 98.0%

Code Type (Master)

S9078WMC ADV200-WA-73550-KXX-6-MS 07 -DC-SI

Code Type (Slave)

S9078WSC ADV200-WA-73550-XXX-6-SL-DC

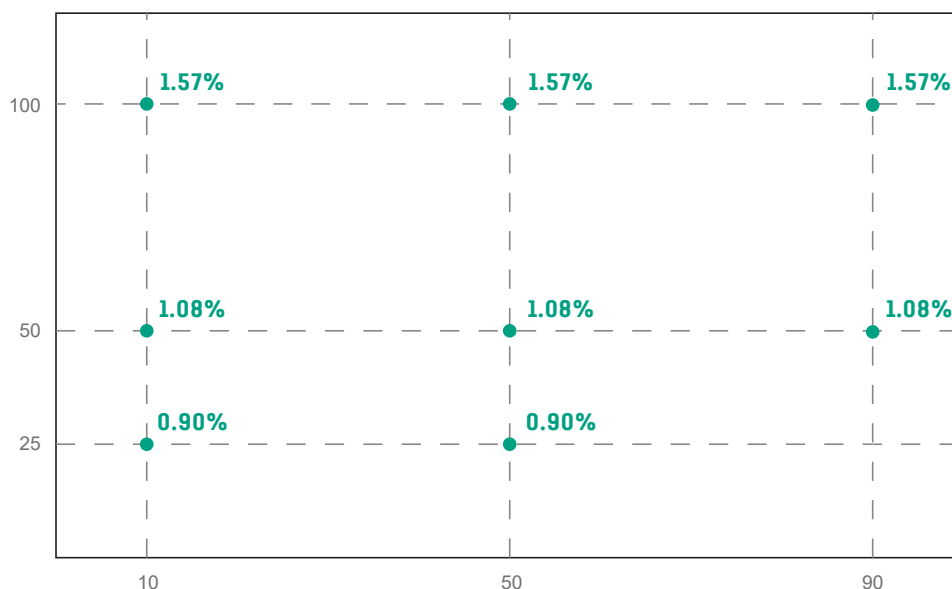
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.57%	6,696.38	98.0%
90	50	1.08%	4,606.39	97.6%
50	100	1.57%	6,691.88	96.5%
50	50	1.08%	4,604.97	95.7%
50	25	0.90%	3,815.06	95.0%
10	100	1.57%	6,687.37	84.7%
10	50	1.08%	4,603.56	81.8%
10	25	0.90%	3,814.38	79.1%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	609
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6-DC, PARALLEL CONFIG.: 900 kW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 98.0%

Code Type (Master)

S9078W1C ADV200-WA-73550-KXX-6-MS 10-DC-SI

Code Type (Slave)

S9078W3C ADV200-WA-73550-XXX-6-SL-DC

S9078W3C ADV200-WA-73550-XXX-6-SL-DC

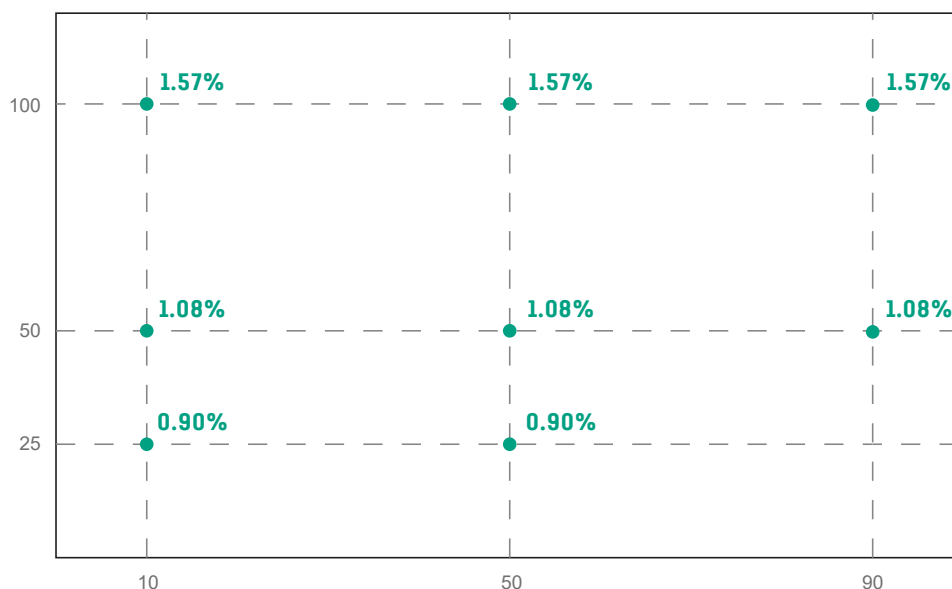
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.57%	6,696.38	98.0%
90	50	1.08%	4,606.39	97.6%
50	100	1.57%	6,691.88	96.5%
50	50	1.08%	4,604.97	95.7%
50	25	0.90%	3,815.06	95.0%
10	100	1.57%	6,687.37	84.7%
10	50	1.08%	4,603.56	81.8%
10	25	0.90%	3,814.38	79.1%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	609
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6-DC, PARALLEL CONFIG.: 1 MW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 98.1%

Code Type (Master)

S9079W1C ADV200-WA-74000-KXX-6-MS 12-DC-SI

Code Type (Slave)

S9079WSC ADV200-WA-74000-XXX-6-SL-DC

S9079WSC ADV200-WA-74000-XXX-6-SL-DC

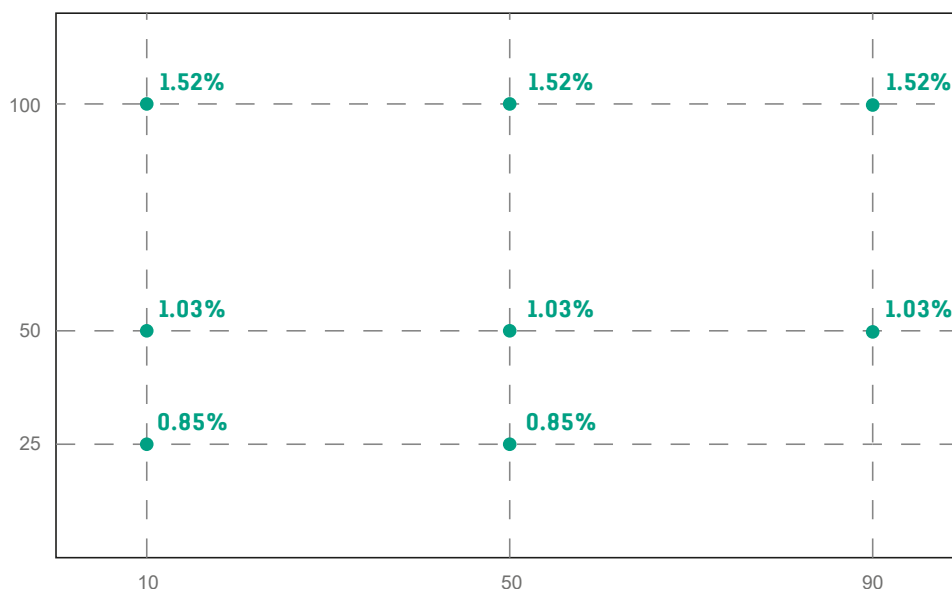
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.52%	7,160.41	98.1%
90	50	1.03%	4,872.96	97.7%
50	100	1.52%	7,154.18	96.6%
50	50	1.03%	4,871.00	95.9%
50	25	0.85%	4,008.86	95.2%
10	100	1.52%	7,147.95	85.2%
10	50	1.03%	4,869.05	82.5%
10	25	0.85%	4,007.91	80.0%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6-DC, PARALLEL CONFIG.: 1.35 MW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 98.1%

Code Type (Master)
S9079W2C ADV200-WA-74000-KXX-6-MS 15-DC-SI

Code Type (Slave)
S9079W3C ADV200-WA-74000-XXX-6-SL-DC

S9079W3C ADV200-WA-74000-XXX-6-SL-DC

S9079W3C1 ADV200-WA-74000-XXX-6SL2-DC

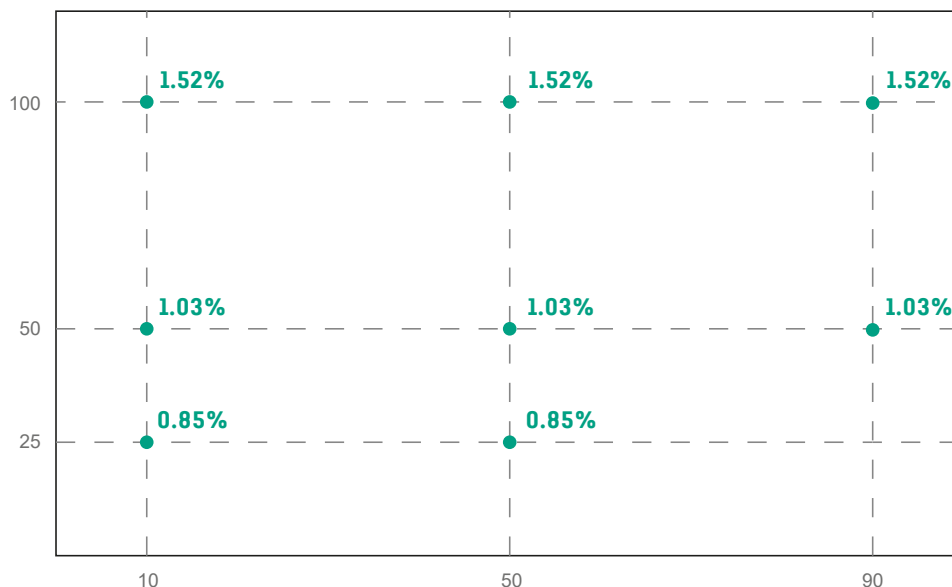
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.52%	7,160.41	98.1%
90	50	1.03%	4,872.96	97.7%
50	100	1.52%	7,154.18	96.6%
50	50	1.03%	4,871.00	95.9%
50	25	0.85%	4,008.86	95.2%
10	100	1.52%	7,147.95	85.2%
10	50	1.03%	4,869.05	82.5%
10	25	0.85%	4,007.91	80.0%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

ADV200-WA-6-DC, PARALLEL CONFIG.: 1.65 MW

Pn at 690Vac (HD)

IE2 EFFICIENCY: 98.1%

Code Type (Master)
S9079W3C ADV200-WA-74000-KXX-6-MS 15-DC-SI

Code Type (Slave)
S9079W3C ADV200-WA-74000-XXX-6-SL-DC

S9079W3C ADV200-WA-74000-XXX-6-SL-DC

S9079W3C1 ADV200-WA-74000-XXX-6SL2-DC

S9079W3C1 ADV200-WA-74000-XXX-6SL2-DC

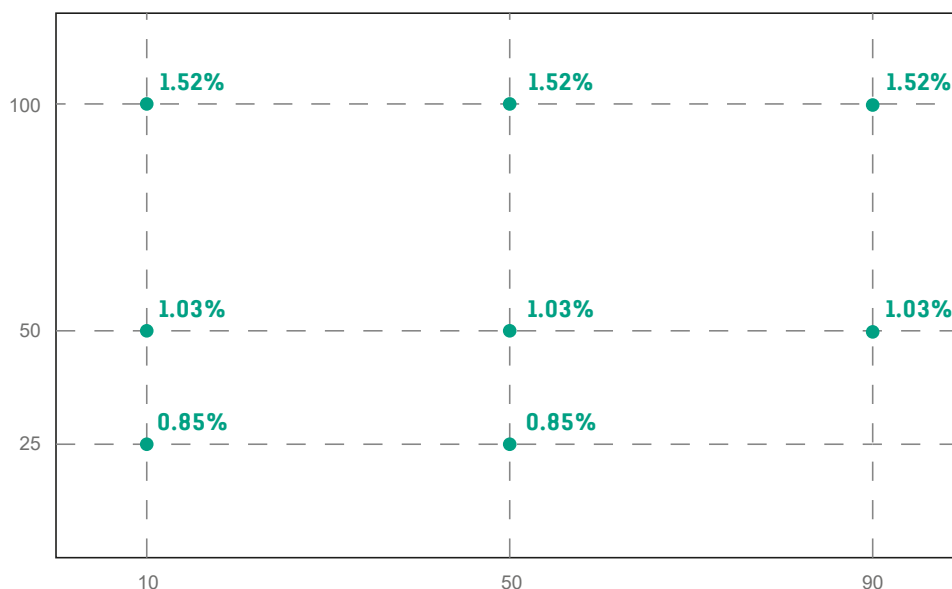
Values for each master and slave(s) units:

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.52%	7,160.41	98.1%
90	50	1.03%	4,872.96	97.7%
50	100	1.52%	7,154.18	96.6%
50	50	1.03%	4,871.00	95.9%
50	25	0.85%	4,008.86	95.2%
10	100	1.52%	7,147.95	85.2%
10	50	1.03%	4,869.05	82.5%
10	25	0.85%	4,007.91	80.0%

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	35

* without derating

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type

ADV200-WA-73550-KXX-6A

IE2

EFFICIENCY:

97.7%

Code

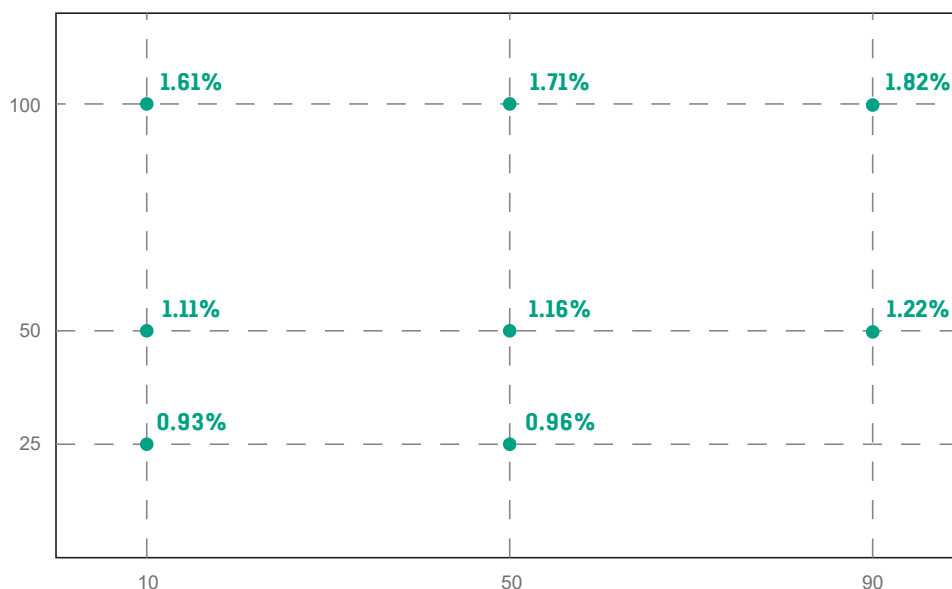
S9080W

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	706
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.82%	7,766.22	97.7%
90	50	1.22%	5,180.40	97.3%
50	100	1.71%	7,261.43	96.2%
50	50	1.16%	4,945.69	95.4%
50	25	0.96%	4,076.16	94.7%
10	100	1.61%	6,865.30	84.4%
10	50	1.11%	4,745.04	81.4%
10	25	0.93%	3,942.13	78.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WJA-73550-XXX-6A-SL**

IE2 EFFICIENCY: **97.7%**

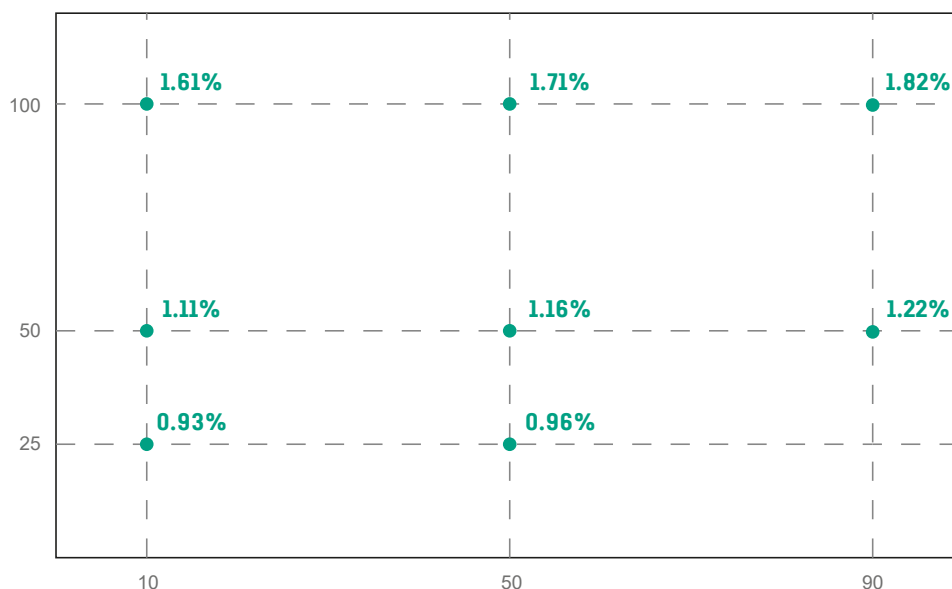
Code **S9080WL**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	706
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.82%	7,766.22	97.7%
90	50	1.22%	5,180.40	97.3%
50	100	1.71%	7,261.43	96.2%
50	50	1.16%	4,945.69	95.4%
50	25	0.96%	4,076.16	94.7%
10	100	1.61%	6,865.30	84.4%
10	50	1.11%	4,745.04	81.4%
10	25	0.93%	3,942.13	78.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WJA-73550-KXX-6A-SI**

IE2 EFFICIENCY: **97.7%**

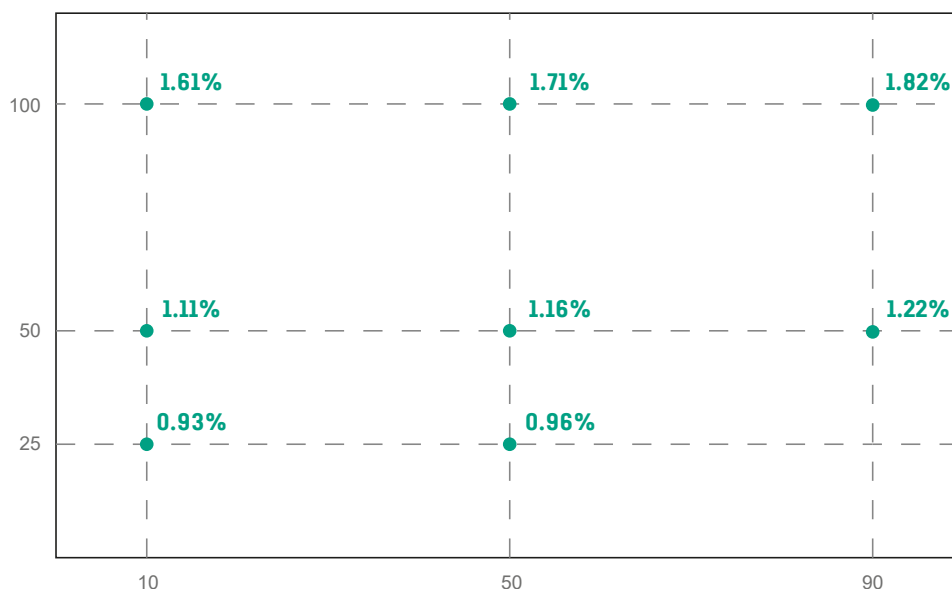
Code **S9080WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	706
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.82%	7,766.22	97.7%
90	50	1.22%	5,180.40	97.3%
50	100	1.71%	7,261.43	96.2%
50	50	1.16%	4,945.69	95.4%
50	25	0.96%	4,076.16	94.7%
10	100	1.61%	6,865.30	84.4%
10	50	1.11%	4,745.04	81.4%
10	25	0.93%	3,942.13	78.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-KXX-6A**

IE2 EFFICIENCY: **97.8%**

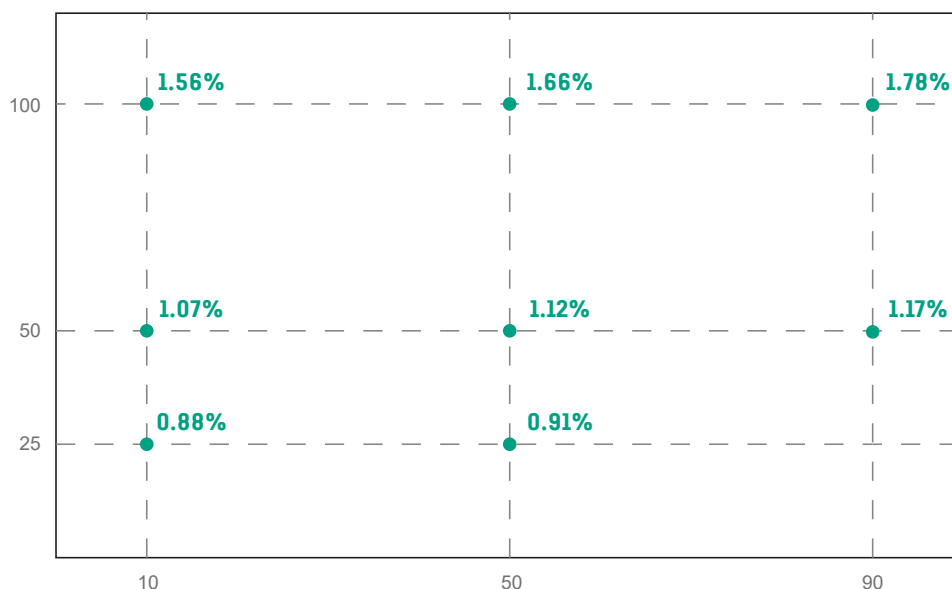
Code **S9081W**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	762
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.78%	8,383.83	97.8%
90	50	1.17%	5,523.09	97.4%
50	100	1.66%	7,799.19	96.3%
50	50	1.12%	5,255.18	95.6%
50	25	0.91%	4,303.14	94.9%
10	100	1.56%	7,348.95	84.8%
10	50	1.07%	5,029.42	82.0%
10	25	0.88%	4,153.01	79.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-XXX-6A-SL**

IE2 EFFICIENCY: **97.8%**

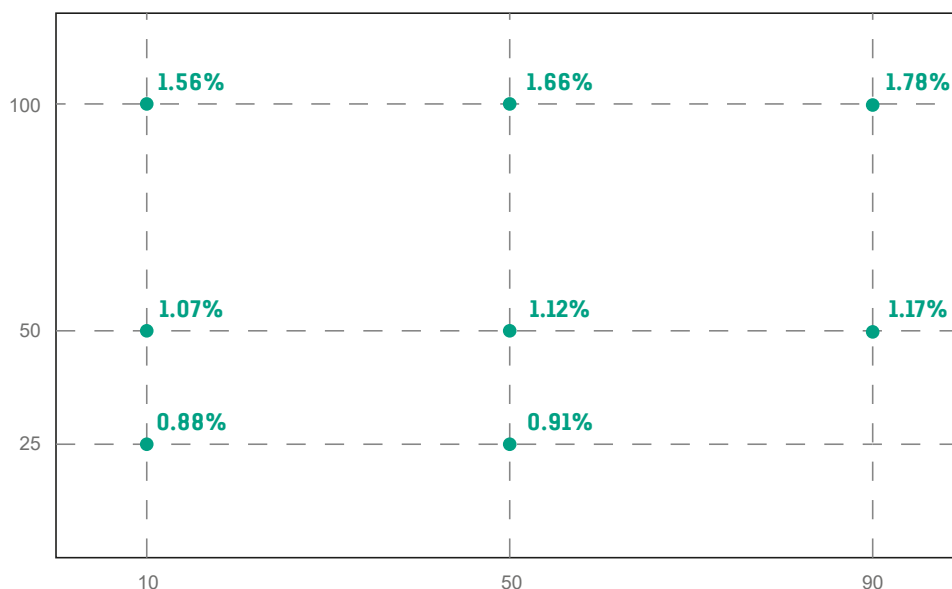
Code **S9081WL**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	762
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.78%	8,383.83	97.8%
90	50	1.17%	5,523.09	97.4%
50	100	1.66%	7,799.19	96.3%
50	50	1.12%	5,255.18	95.6%
50	25	0.91%	4,303.14	94.9%
10	100	1.56%	7,348.95	84.8%
10	50	1.07%	5,029.42	82.0%
10	25	0.88%	4,153.01	79.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-KXX-6A-SI**

IE2 EFFICIENCY: **97.8%**

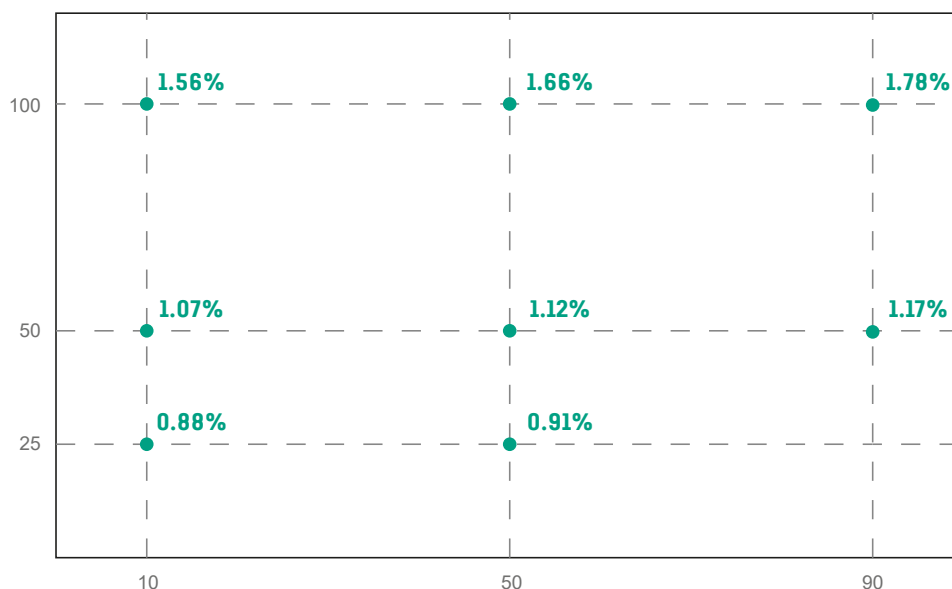
Code **S9081WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	762
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.78%	8,383.83	97.8%
90	50	1.17%	5,523.09	97.4%
50	100	1.66%	7,799.19	96.3%
50	50	1.12%	5,255.18	95.6%
50	25	0.91%	4,303.14	94.9%
10	100	1.56%	7,348.95	84.8%
10	50	1.07%	5,029.42	82.0%
10	25	0.88%	4,153.01	79.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73550-KXX-6A-MS 10-DC-SI**

IE2 EFFICIENCY: **98.0%**

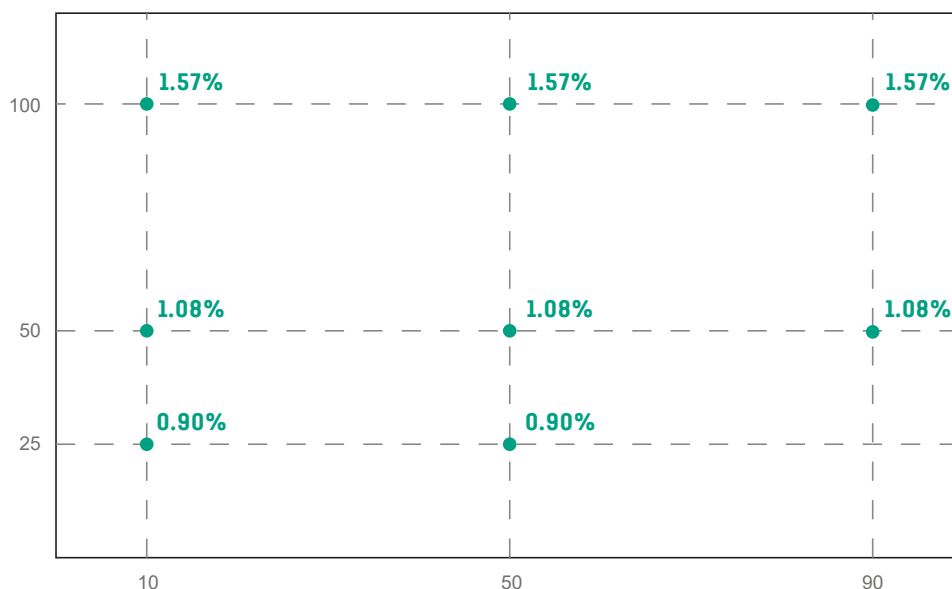
Code **S9080W1C**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	609
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.57%	6,696.38	98.0%
90	50	1.08%	4,606.39	97.6%
50	100	1.57%	6,691.88	96.5%
50	50	1.08%	4,604.97	95.7%
50	25	0.90%	3,815.06	95.0%
10	100	1.57%	6,687.37	84.7%
10	50	1.08%	4,603.56	81.8%
10	25	0.90%	3,814.38	79.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73550-KXX-6A-MS 07-DC-SI**

IE2 EFFICIENCY: **98.0%**

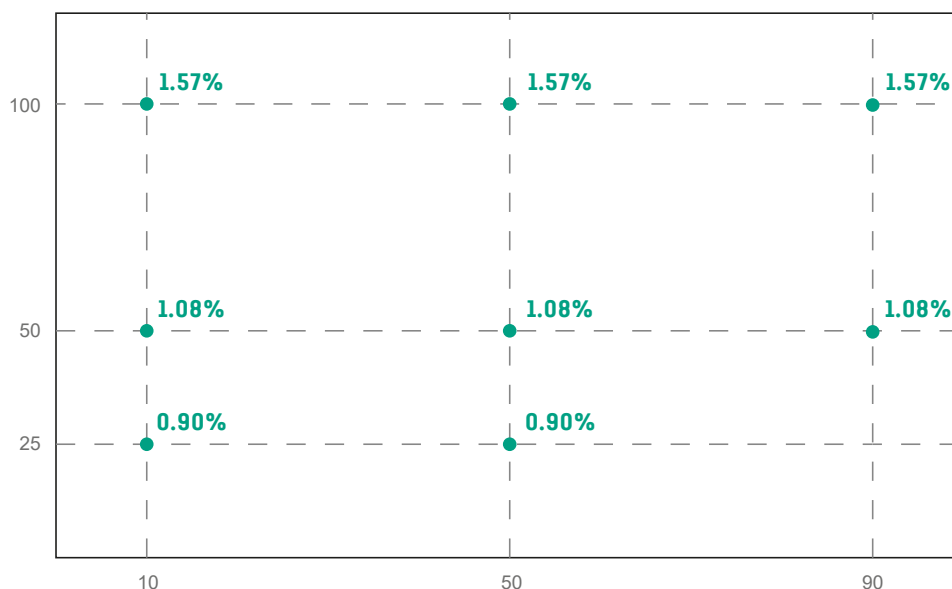
Code **S9080WMC**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	609
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.57%	6,696.38	98.0%
90	50	1.08%	4,606.39	97.6%
50	100	1.57%	6,691.88	96.5%
50	50	1.08%	4,604.97	95.7%
50	25	0.90%	3,815.06	95.0%
10	100	1.57%	6,687.37	84.7%
10	50	1.08%	4,603.56	81.8%
10	25	0.90%	3,814.38	79.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WJA-73550-XXX-6A-SL-DC**

IE2 EFFICIENCY: **98.0%**

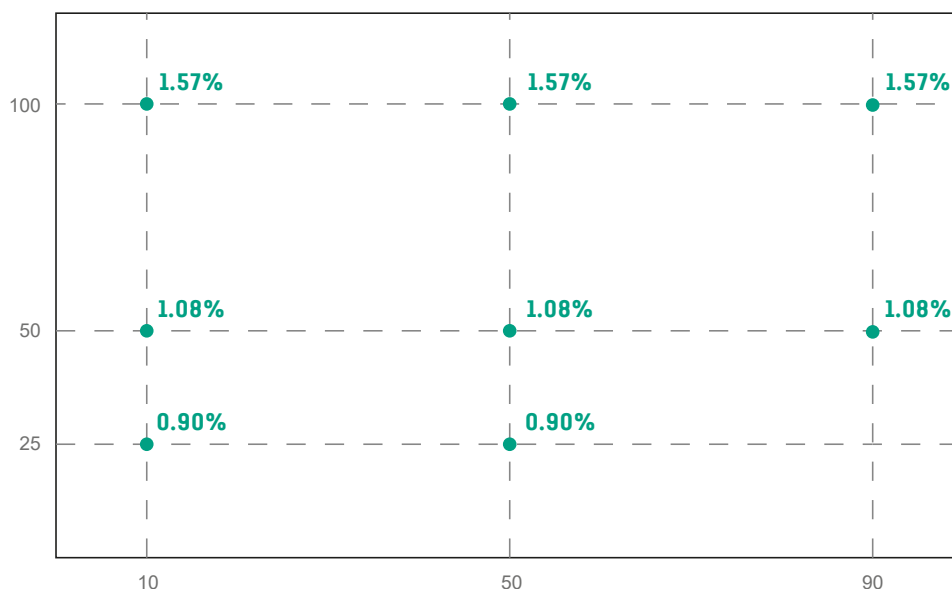
Code **S9080WSC**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	609
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.57%	6,696.38	98.0%
90	50	1.08%	4,606.39	97.6%
50	100	1.57%	6,691.88	96.5%
50	50	1.08%	4,604.97	95.7%
50	25	0.90%	3,815.06	95.0%
10	100	1.57%	6,687.37	84.7%
10	50	1.08%	4,603.56	81.8%
10	25	0.90%	3,814.38	79.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-KXX-6A-MS 12-DC-SI**

IE2 EFFICIENCY: **98.1%**

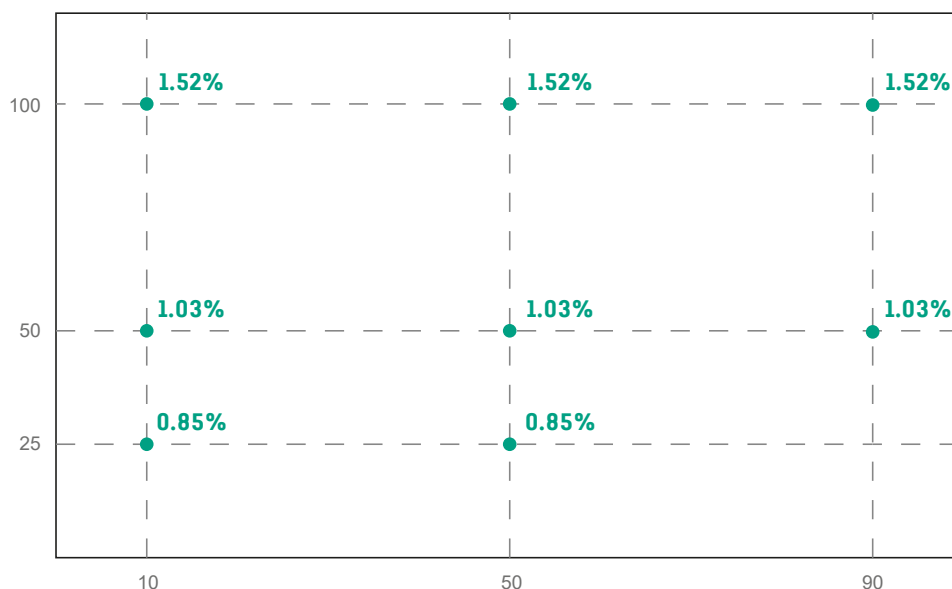
Code **S9081W1C**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.52%	7,160.41	98.1%
90	50	1.03%	4,872.96	97.7%
50	100	1.52%	7,154.18	96.6%
50	50	1.03%	4,871.00	95.9%
50	25	0.85%	4,008.86	95.2%
10	100	1.52%	7,147.95	85.2%
10	50	1.03%	4,869.05	82.5%
10	25	0.85%	4,007.91	80.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-KXX-6A-MS 08-DC-SI**

IE2 EFFICIENCY: **98.1%**

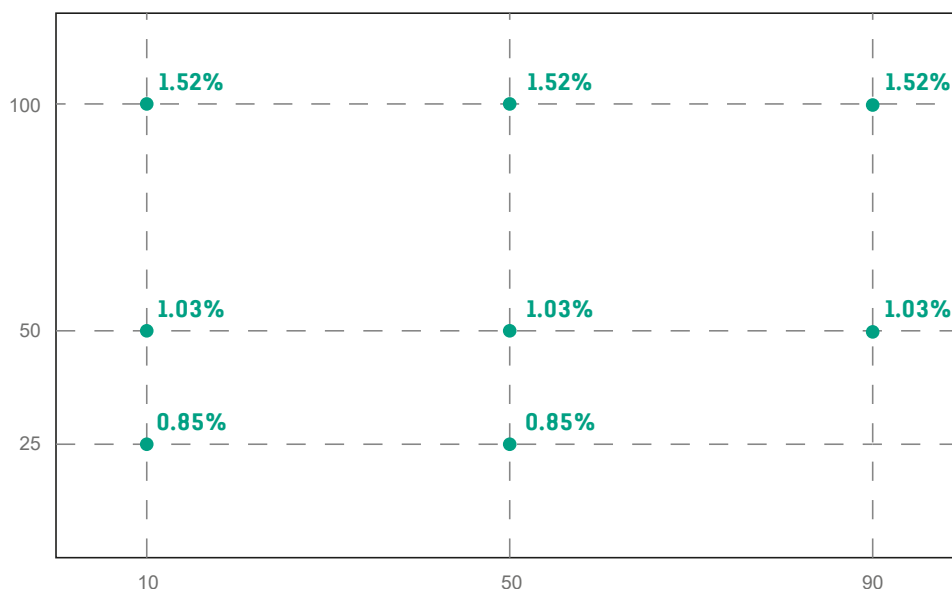
Code **S9081WMC**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.52%	7,160.41	98.1%
90	50	1.03%	4,872.96	97.7%
50	100	1.52%	7,154.18	96.6%
50	50	1.03%	4,871.00	95.9%
50	25	0.85%	4,008.86	95.2%
10	100	1.52%	7,147.95	85.2%
10	50	1.03%	4,869.05	82.5%
10	25	0.85%	4,007.91	80.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-XXX-6A-SL-DC**

IE2 EFFICIENCY: **98.1%**

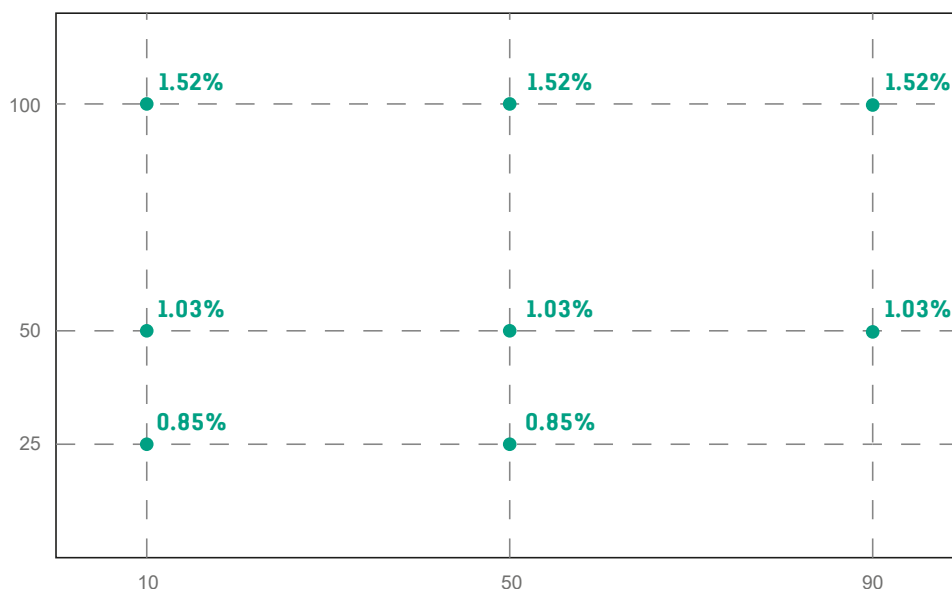
Code **S9081WSC**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.52%	7,160.41	98.1%
90	50	1.03%	4,872.96	97.7%
50	100	1.52%	7,154.18	96.6%
50	50	1.03%	4,871.00	95.9%
50	25	0.85%	4,008.86	95.2%
10	100	1.52%	7,147.95	85.2%
10	50	1.03%	4,869.05	82.5%
10	25	0.85%	4,007.91	80.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73550-KXX-6A-DC**

IE2 EFFICIENCY: **98.0%**

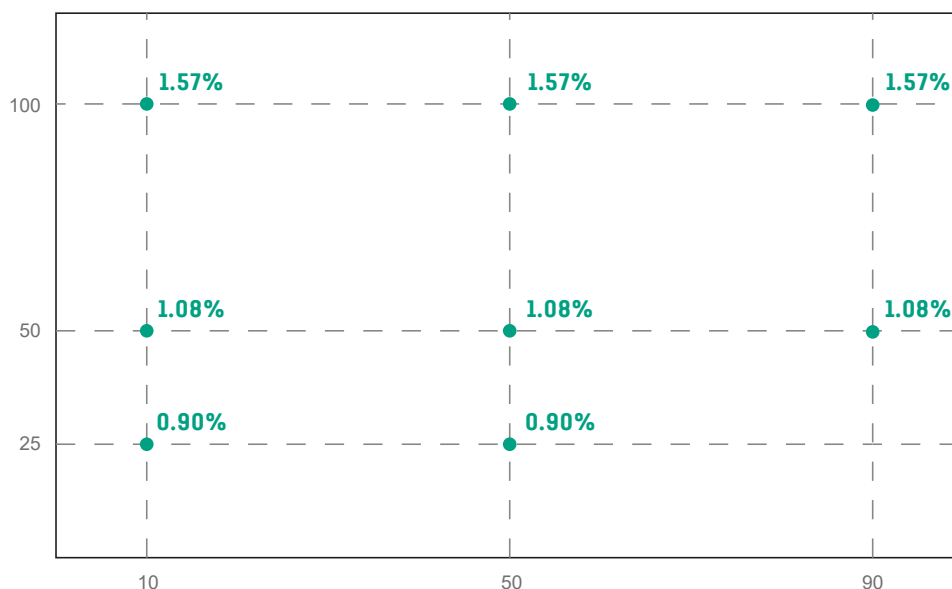
Code **S9087W**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	609
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.57%	6,696.38	98.0%
90	50	1.08%	4,606.39	97.6%
50	100	1.57%	6,691.88	96.5%
50	50	1.08%	4,604.97	95.7%
50	25	0.90%	3,815.06	95.0%
10	100	1.57%	6,687.37	84.7%
10	50	1.08%	4,603.56	81.8%
10	25	0.90%	3,814.38	79.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-73550-KXX-6A-DC-SI**

IE2 EFFICIENCY: **98.0%**

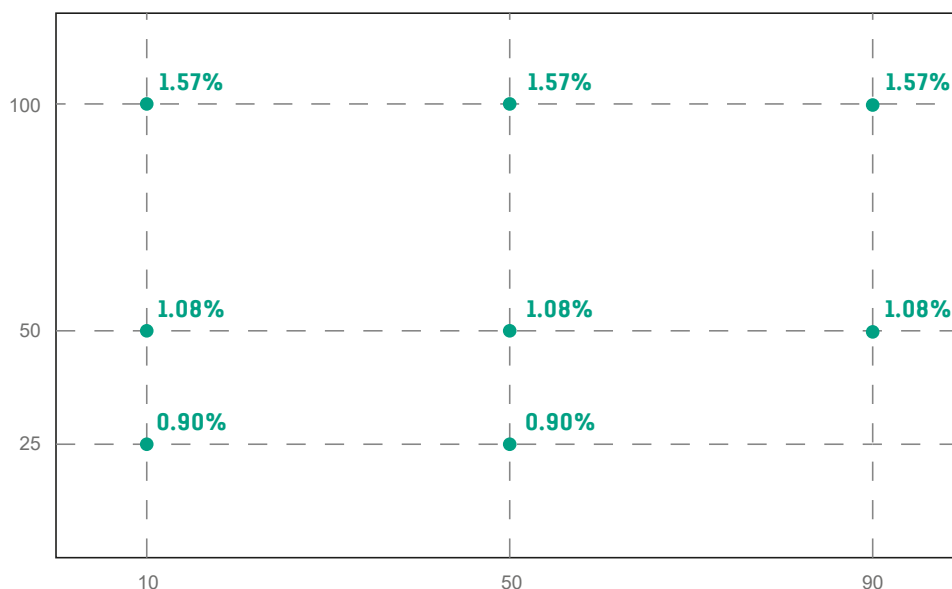
Code **S9087WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	355
Nominal current	(A)	375
Nominal apparent power	(kVA)	425.8
Standby loss	(W)	609
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
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10	25	0.90%	3,814.38	79.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-KXX-6A-DC**

IE2 EFFICIENCY: **98.1%**

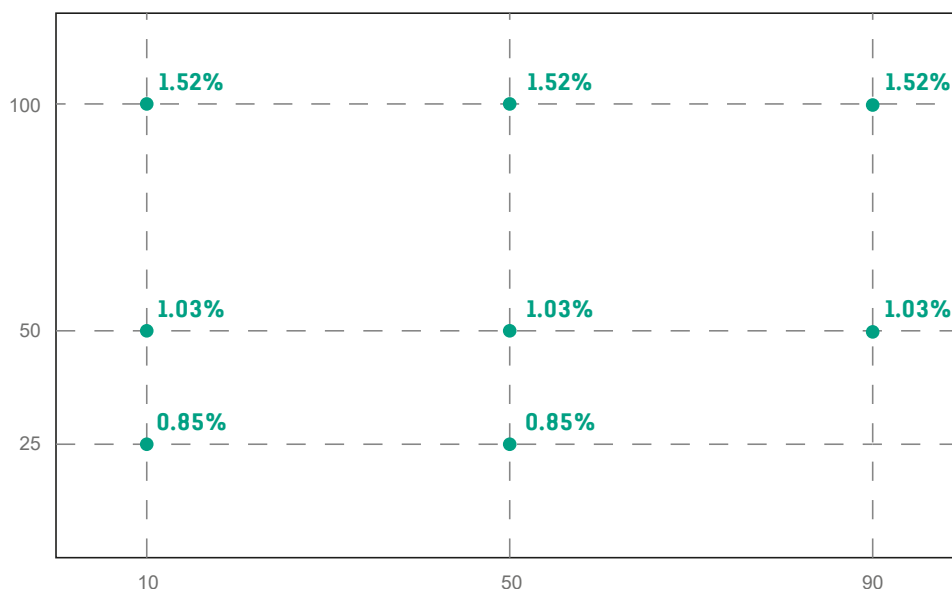
Code **S9088W**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
Nominal apparent frequency	(Hz)	60
Maximum operating temperature *	(°C)	35

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	1.52%	7,160.41	98.1%
90	50	1.03%	4,872.96	97.7%
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RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADV200-WA-74000-KXX-6A-DC-SI**

IE2 EFFICIENCY: **98.1%**

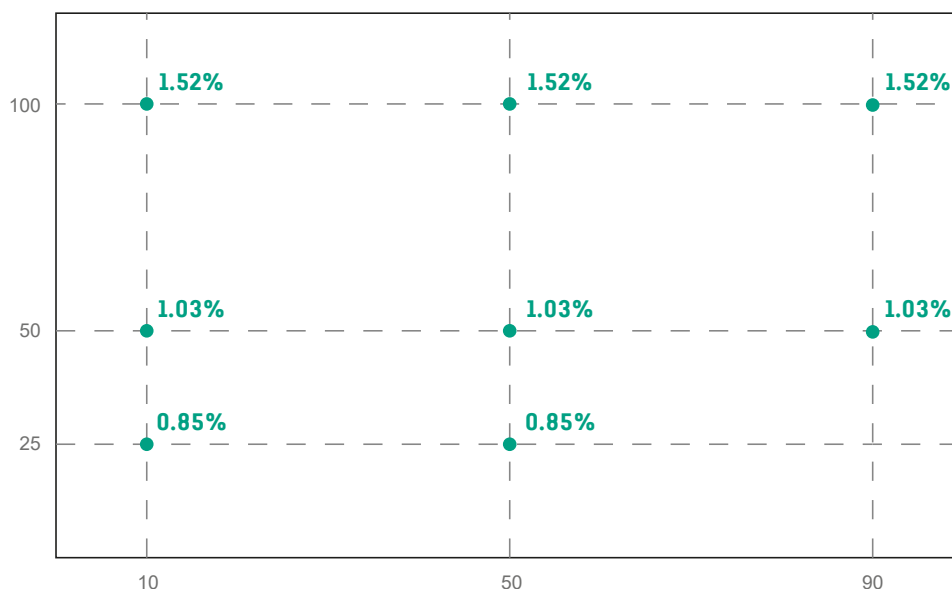
Code **S9088WS**

Rated supply voltage(s)	(VAC)	690
Motor Power output	(kW)	400
Nominal current	(A)	415
Nominal apparent power	(kVA)	471.2
Standby loss	(W)	651
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10	25	0.85%	4,007.91	80.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS





Energy Efficiency Certificate

Series: ADV200-WA-6

Date: 15-12-2022

Code: 1S9ENEF09

WEG Automation Europe S.r.l.

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