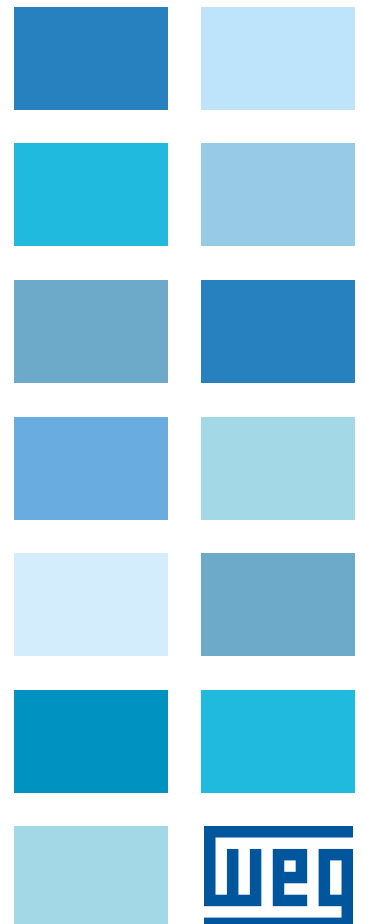


Energy Efficiency Certificate

ADP200

Language: English



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ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-2075-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.1%**

Code **S9ADP51**

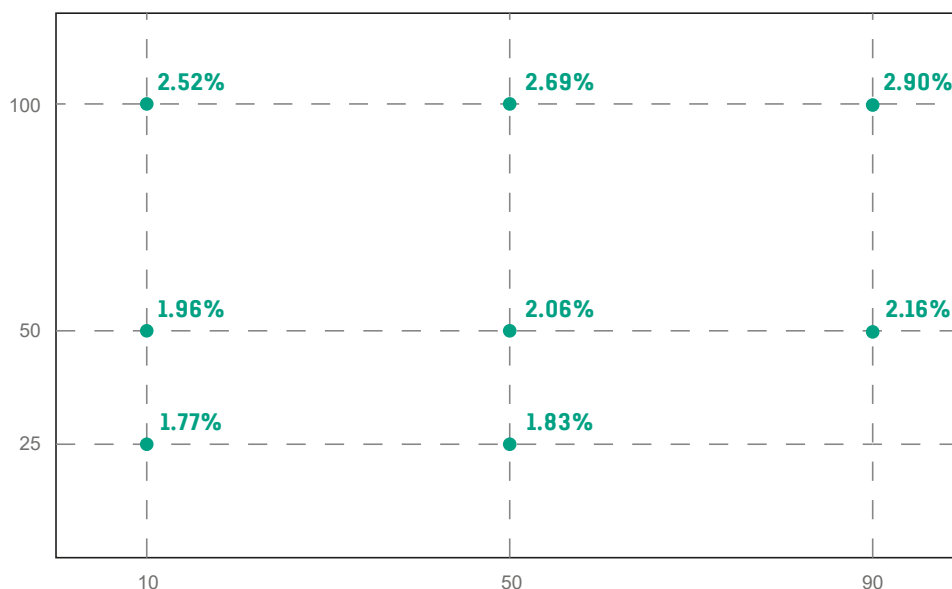
S9ADP51M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	7.5
Nominal current	(A)	18.5
Nominal apparent power	(kVA)	12.56
Standby loss	(W)	33
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.90%	364.70	96.1%
90	50	2.16%	271.93	95.2%
50	100	2.69%	338.33	93.6%
50	50	2.06%	258.36	92.0%
50	25	1.83%	230.43	90.6%
10	100	2.52%	316.48	75.8%
10	50	1.96%	246.42	70.7%
10	25	1.77%	221.80	66.8%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-2110-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.6%**

Code **S9ADP52**

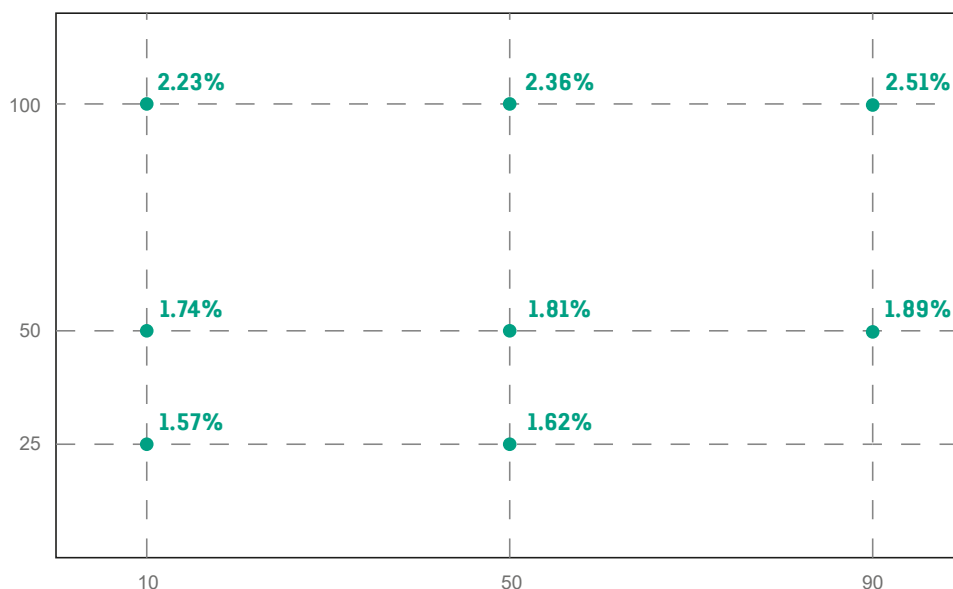
S9ADP52M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	11
Nominal current	(A)	22
Nominal apparent power	(kVA)	14.93
Standby loss	(W)	34
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.51%	374.94	96.6%
90	50	1.89%	281.70	95.8%
50	100	2.36%	352.54	94.4%
50	50	1.81%	270.08	92.9%
50	25	1.62%	241.53	91.7%
10	100	2.23%	332.66	78.0%
10	50	1.74%	259.36	73.2%
10	25	1.57%	233.83	69.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-3150-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

Code **S9ADP53**

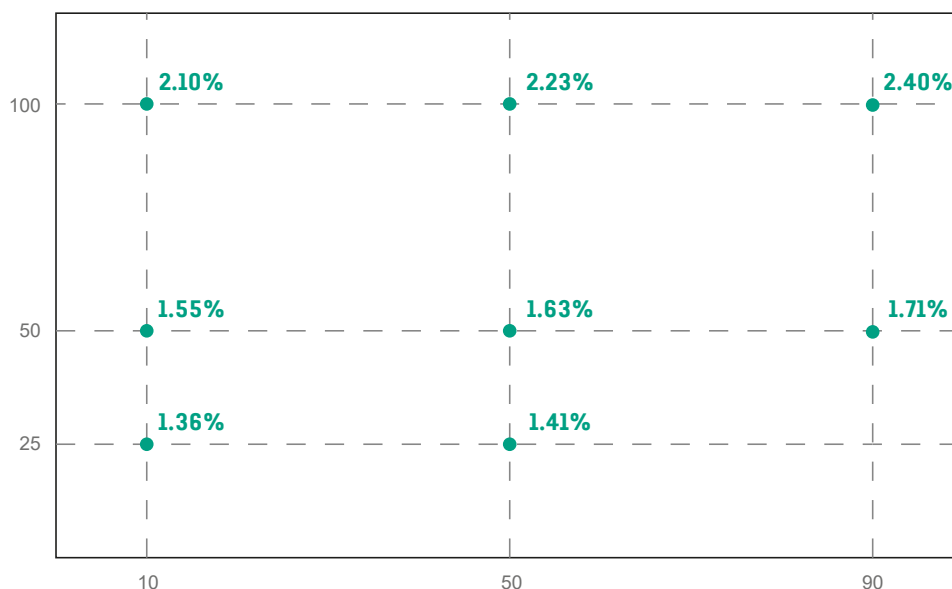
S9ADP53M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	15
Nominal current	(A)	32
Nominal apparent power	(kVA)	21.7
Standby loss	(W)	47
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.40%	520.56	96.7%
90	50	1.71%	371.19	96.1%
50	100	2.23%	485.35	94.6%
50	50	1.63%	353.20	93.6%
50	25	1.41%	306.97	92.6%
10	100	2.10%	455.67	79.0%
10	50	1.55%	337.19	75.3%
10	25	1.36%	295.47	72.3%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-3185-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

Code **S9ADP54**

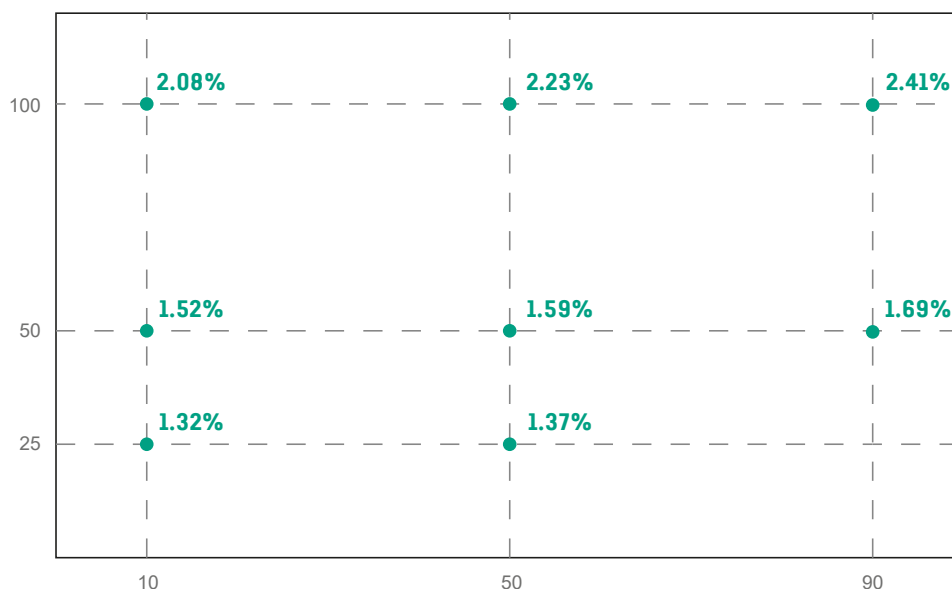
S9ADP54M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	18.5
Nominal current	(A)	39
Nominal apparent power	(kVA)	26.48
Standby loss	(W)	58
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.41%	639.20	96.7%
90	50	1.69%	446.31	96.2%
50	100	2.23%	589.24	94.7%
50	50	1.59%	422.06	93.7%
50	25	1.37%	363.60	92.8%
10	100	2.08%	549.95	79.2%
10	50	1.52%	401.64	75.8%
10	25	1.32%	349.18	72.9%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-3220-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

Code **S9ADP55**

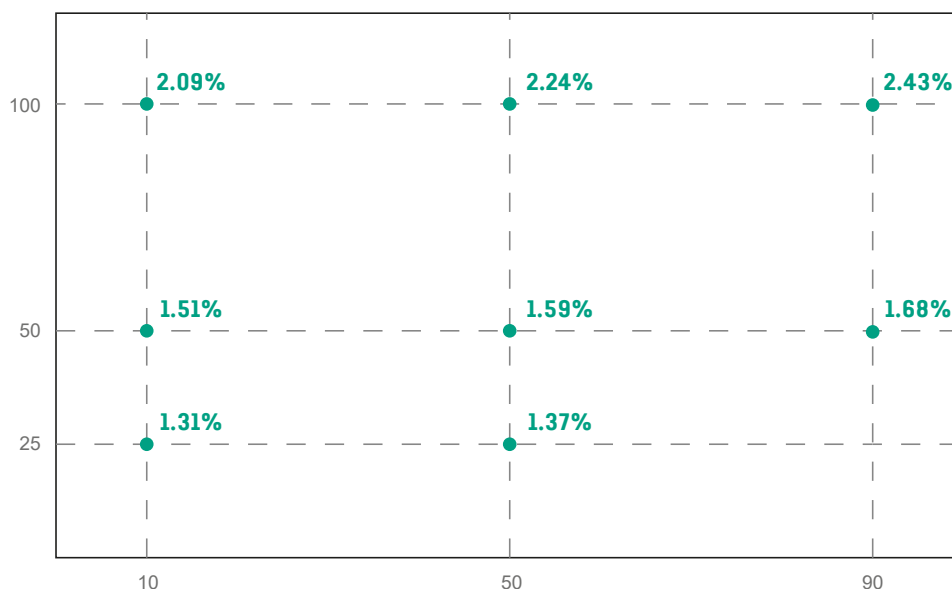
S9ADP55M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	22
Nominal current	(A)	42
Nominal apparent power	(kVA)	28.51
Standby loss	(W)	63
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.43%	692.50	96.7%
90	50	1.68%	480.23	96.2%
50	100	2.24%	637.65	94.6%
50	50	1.59%	453.73	93.7%
50	25	1.37%	390.24	92.9%
10	100	2.09%	594.88	79.1%
10	50	1.51%	431.57	75.8%
10	25	1.31%	374.61	73.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-4300-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.2%**

Code **S9ADP56**

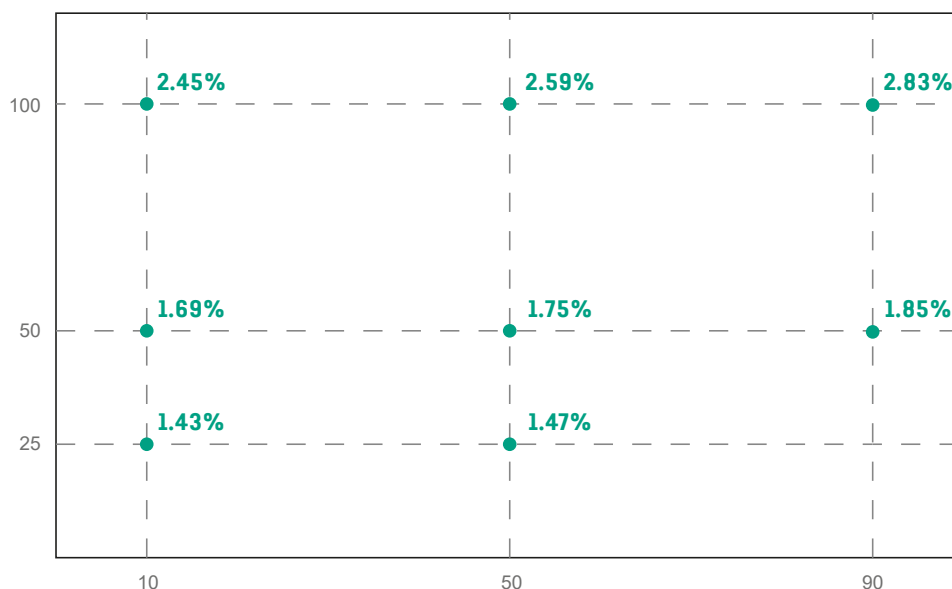
S9ADP56M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	30
Nominal current	(A)	60
Nominal apparent power	(kVA)	40.7
Standby loss	(W)	104
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.83%	1,151.77	96.2%
90	50	1.85%	754.19	95.8%
50	100	2.59%	1,054.05	93.9%
50	50	1.75%	714.25	93.1%
50	25	1.47%	598.70	92.4%
10	100	2.45%	996.30	76.4%
10	50	1.69%	688.69	73.7%
10	25	1.43%	582.09	71.3%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-4370-KBP-4-C-RS-24**

IE2 EFFICIENCY: **97.0%**

Code **S9ADP57**

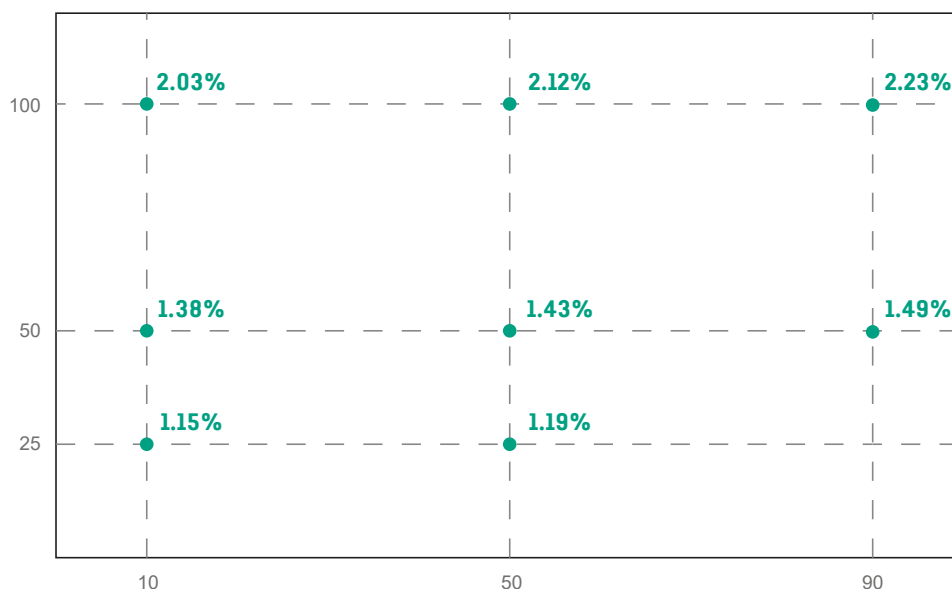
S9ADP57M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	37
Nominal current	(A)	75
Nominal apparent power	(kVA)	50.9
Standby loss	(W)	104
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.23%	1,136.58	97.0%
90	50	1.49%	758.06	96.6%
50	100	2.12%	1,081.75	94.9%
50	50	1.43%	728.90	94.3%
50	25	1.19%	606.90	93.7%
10	100	2.03%	1,034.79	79.5%
10	50	1.38%	702.57	77.5%
10	25	1.15%	587.67	75.5%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-4371-KBP-4-C-RS-24**

IE2 EFFICIENCY: **97.0%**

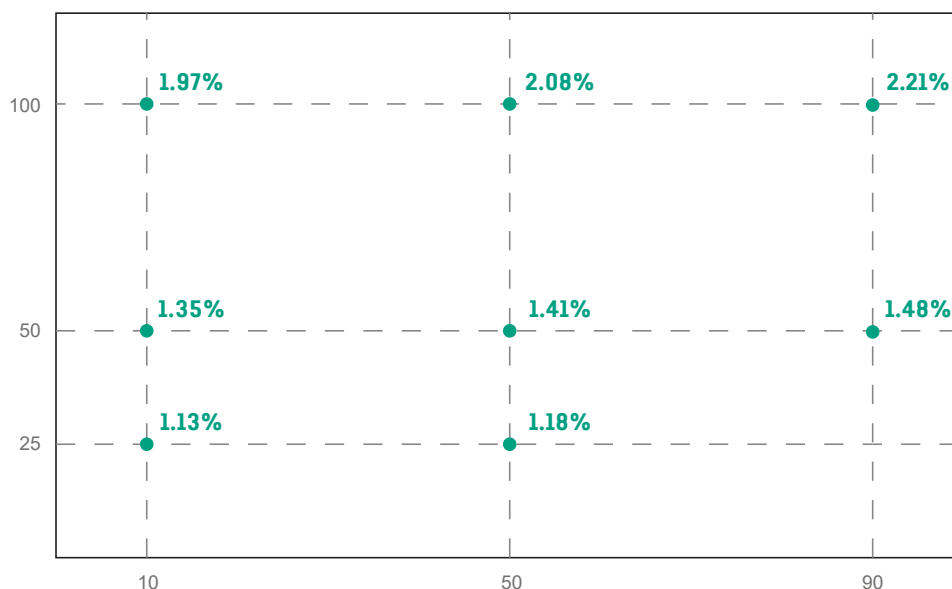
Code **S9ADP571M**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	37
Nominal current	(A)	75
Nominal apparent power	(kVA)	50.9
Standby loss	(W)	102
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.21%	1,123.03	97.0%
90	50	1.48%	751.99	96.7%
50	100	2.08%	1,059.46	95.0%
50	50	1.41%	718.29	94.4%
50	25	1.18%	599.44	93.8%
10	100	1.97%	1,003.76	80.0%
10	50	1.35%	687.42	77.8%
10	25	1.13%	577.01	75.8%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-4450-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.6%**

Code **S9ADP58**

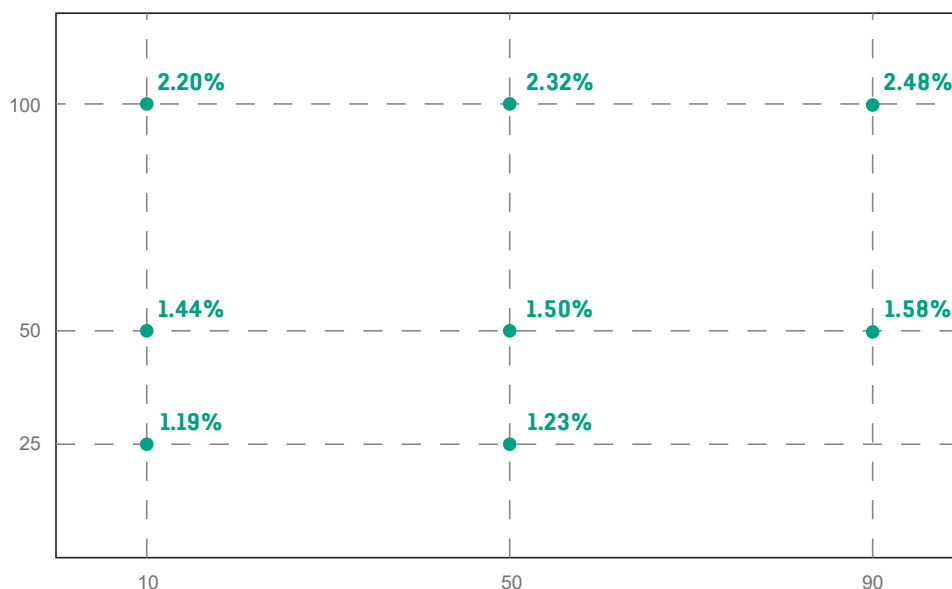
S9ADP58M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	45
Nominal current	(A)	90
Nominal apparent power	(kVA)	61.1
Standby loss	(W)	138
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.48%	1,518.33	96.6%
90	50	1.58%	966.52	96.4%
50	100	2.32%	1,417.15	94.5%
50	50	1.50%	918.65	94.0%
50	25	1.23%	751.36	93.5%
10	100	2.20%	1,344.48	78.2%
10	50	1.44%	881.04	76.7%
10	25	1.19%	724.84	75.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-5550-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.9%**

Code **S9ADP59**

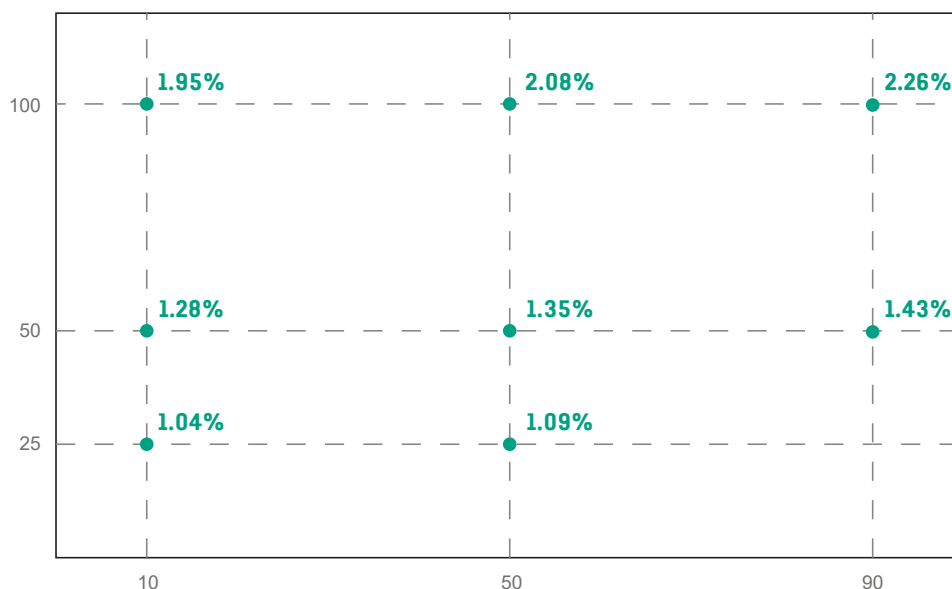
S9ADP59M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	55
Nominal current	(A)	105
Nominal apparent power	(kVA)	71.3
Standby loss	(W)	146
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.26%	1,609.13	96.9%
90	50	1.43%	1,018.90	96.7%
50	100	2.08%	1,482.51	95.0%
50	50	1.35%	959.96	94.4%
50	25	1.09%	774.50	93.9%
10	100	1.95%	1,392.16	80.2%
10	50	1.28%	913.22	78.2%
10	25	1.04%	742.22	76.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-5750-KXP-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

Code **S9ADP60**

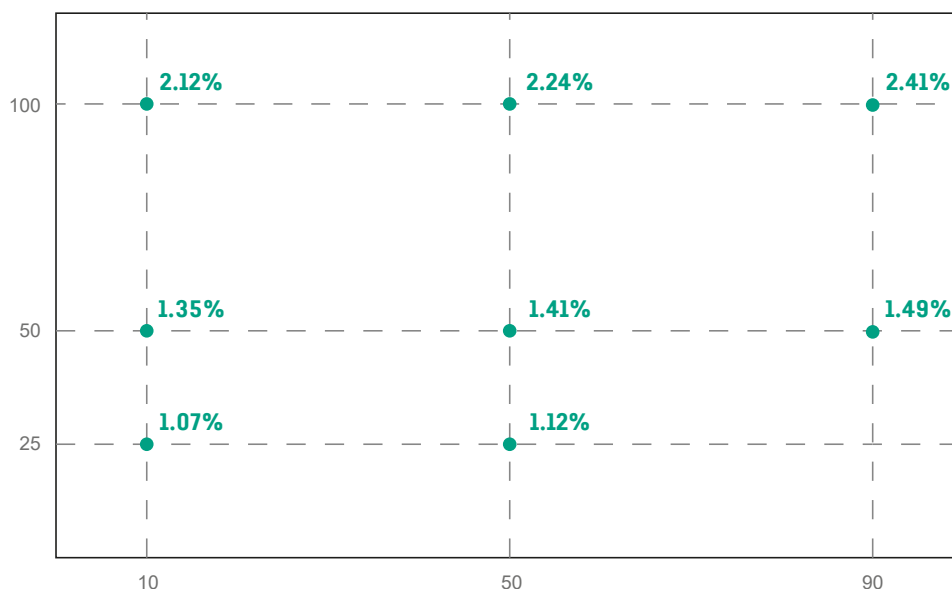
S9ADP60M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	75
Nominal current	(A)	150
Nominal apparent power	(kVA)	101.8
Standby loss	(W)	223
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.41%	2,452.23	96.7%
90	50	1.49%	1,518.17	96.5%
50	100	2.24%	2,281.62	94.6%
50	50	1.41%	1,437.69	94.2%
50	25	1.12%	1,138.04	93.7%
10	100	2.12%	2,160.29	78.8%
10	50	1.35%	1,373.78	77.3%
10	25	1.07%	1,093.55	75.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-5S550-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.9%**

Code **S9ADP63**

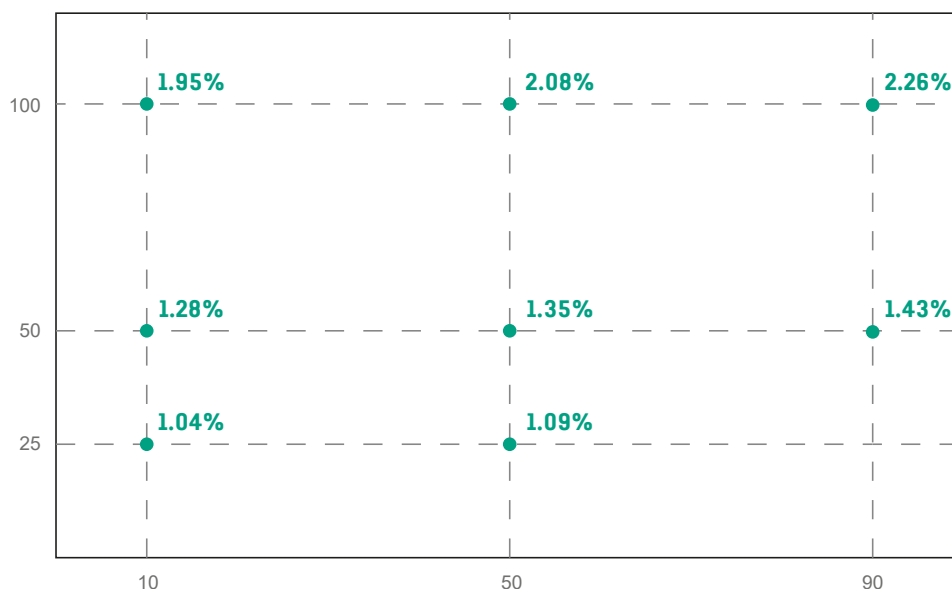
S9ADP63M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	55
Nominal current	(A)	105
Nominal apparent power	(kVA)	71.3
Standby loss	(W)	146
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.26%	1,609.13	96.9%
90	50	1.43%	1,018.90	96.7%
50	100	2.08%	1,482.51	95.0%
50	50	1.35%	959.96	94.4%
50	25	1.09%	774.50	93.9%
10	100	1.95%	1,392.16	80.2%
10	50	1.28%	913.22	78.2%
10	25	1.04%	742.22	76.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-5S750-KBP-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

Code **S9ADP64**

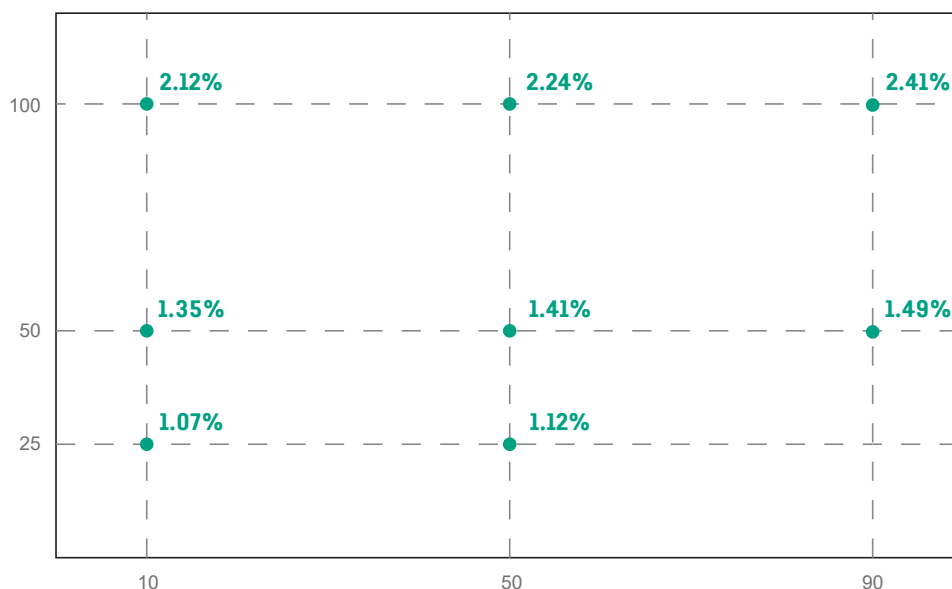
S9ADP64M

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	75
Nominal current	(A)	150
Nominal apparent power	(kVA)	101.8
Standby loss	(W)	223
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.41%	2,452.23	96.7%
90	50	1.49%	1,518.17	96.5%
50	100	2.24%	2,281.62	94.6%
50	50	1.41%	1,437.69	94.2%
50	25	1.12%	1,138.04	93.7%
10	100	2.12%	2,160.29	78.8%
10	50	1.35%	1,373.78	77.3%
10	25	1.07%	1,093.55	75.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-2075-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.1%**

Code **S9ADP31**

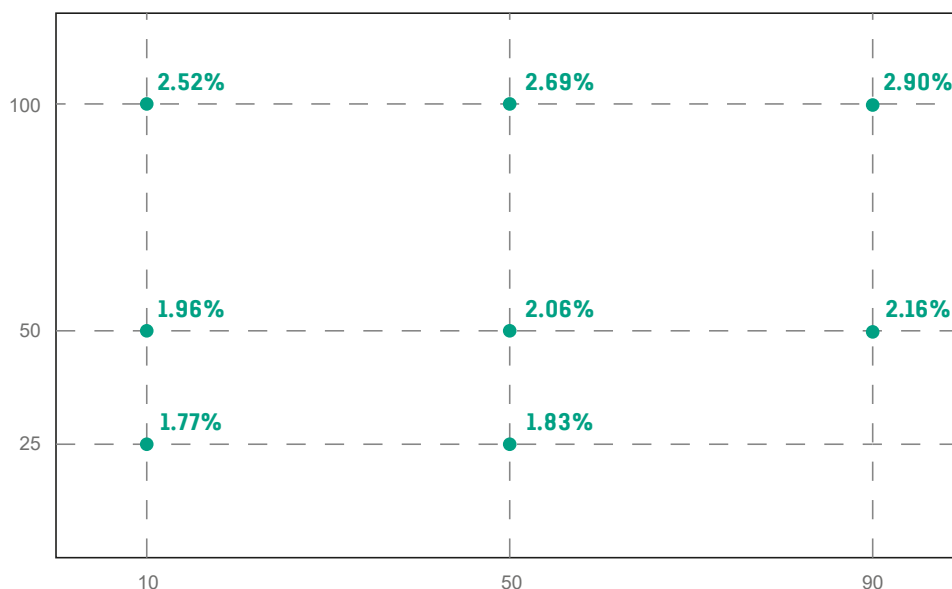
R9ADP31

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	7.5
Nominal current	(A)	18.5
Nominal apparent power	(kVA)	12.56
Standby loss	(W)	33
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.90%	364.70	96.1%
90	50	2.16%	271.93	95.2%
50	100	2.69%	338.33	93.6%
50	50	2.06%	258.36	92.0%
50	25	1.83%	230.43	90.6%
10	100	2.52%	316.48	75.8%
10	50	1.96%	246.42	70.7%
10	25	1.77%	221.80	66.8%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-2110-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.6%**

Code **S9ADP32**

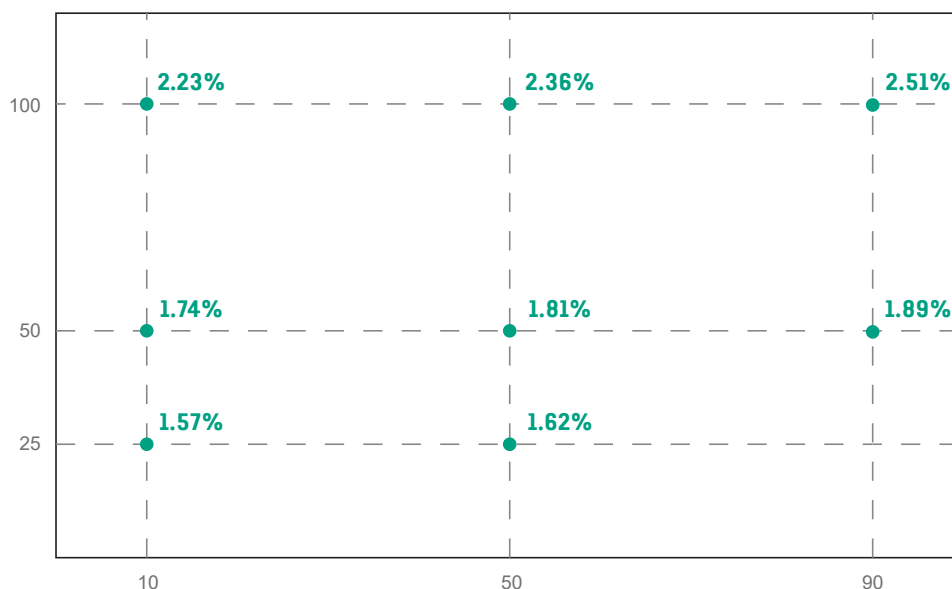
R9ADP32

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	11
Nominal current	(A)	22
Nominal apparent power	(kVA)	14.93
Standby loss	(W)	34
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.51%	374.94	96.6%
90	50	1.89%	281.70	95.8%
50	100	2.36%	352.54	94.4%
50	50	1.81%	270.08	92.9%
50	25	1.62%	241.53	91.7%
10	100	2.23%	332.66	78.0%
10	50	1.74%	259.36	73.2%
10	25	1.57%	233.83	69.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-3150-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

Code **S9ADP33**

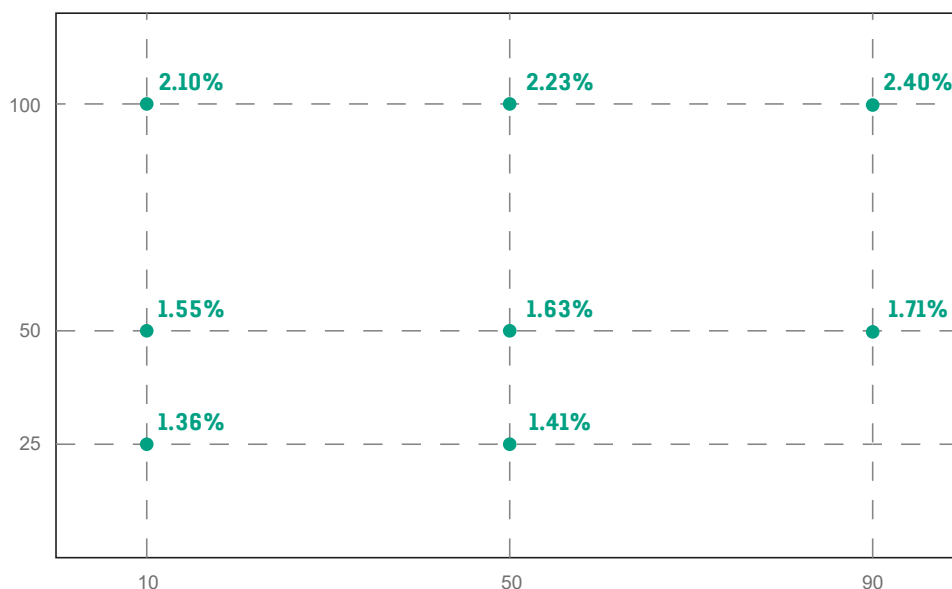
R9ADP33

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	15
Nominal current	(A)	32
Nominal apparent power	(kVA)	21.7
Standby loss	(W)	47
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.40%	520.56	96.7%
90	50	1.71%	371.19	96.1%
50	100	2.23%	485.35	94.6%
50	50	1.63%	353.20	93.6%
50	25	1.41%	306.97	92.6%
10	100	2.10%	455.67	79.0%
10	50	1.55%	337.19	75.3%
10	25	1.36%	295.47	72.3%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-3185-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

Code **S9ADP34**

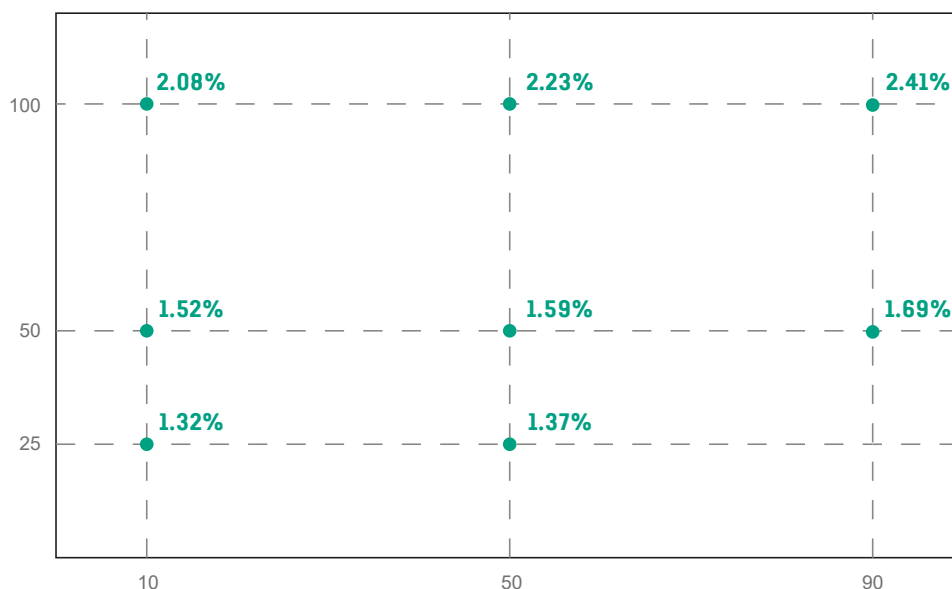
R9ADP34

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	18.5
Nominal current	(A)	39
Nominal apparent power	(kVA)	26.48
Standby loss	(W)	58
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.41%	639.20	96.7%
90	50	1.69%	446.31	96.2%
50	100	2.23%	589.24	94.7%
50	50	1.59%	422.06	93.7%
50	25	1.37%	363.60	92.8%
10	100	2.08%	549.95	79.2%
10	50	1.52%	401.64	75.8%
10	25	1.32%	349.18	72.9%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-3220-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

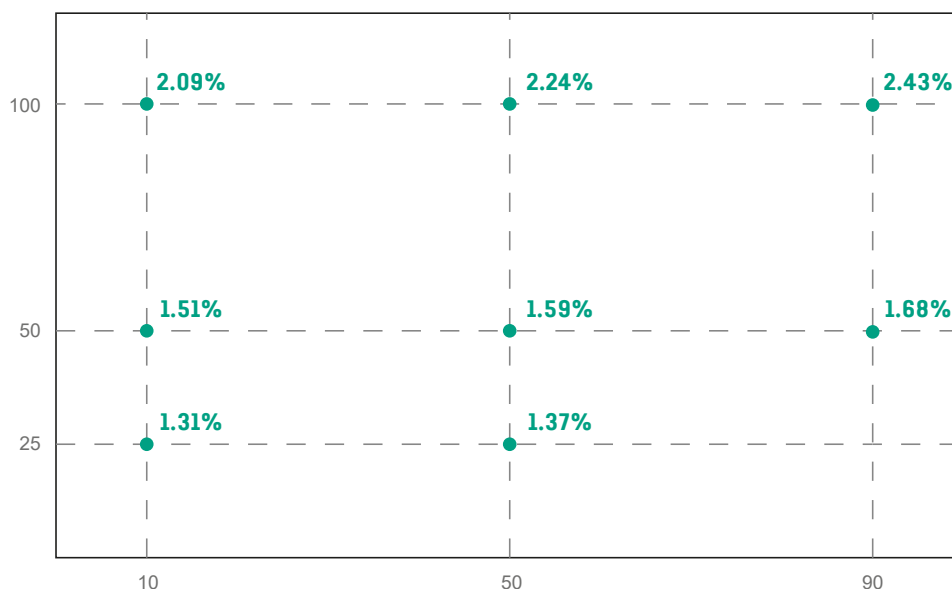
Code **S9ADP35**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	22
Nominal current	(A)	42
Nominal apparent power	(kVA)	28.51
Standby loss	(W)	63
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.43%	692.50	96.7%
90	50	1.68%	480.23	96.2%
50	100	2.24%	637.65	94.6%
50	50	1.59%	453.73	93.7%
50	25	1.37%	390.24	92.9%
10	100	2.09%	594.88	79.1%
10	50	1.51%	431.57	75.8%
10	25	1.31%	374.61	73.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-4300-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.2%**

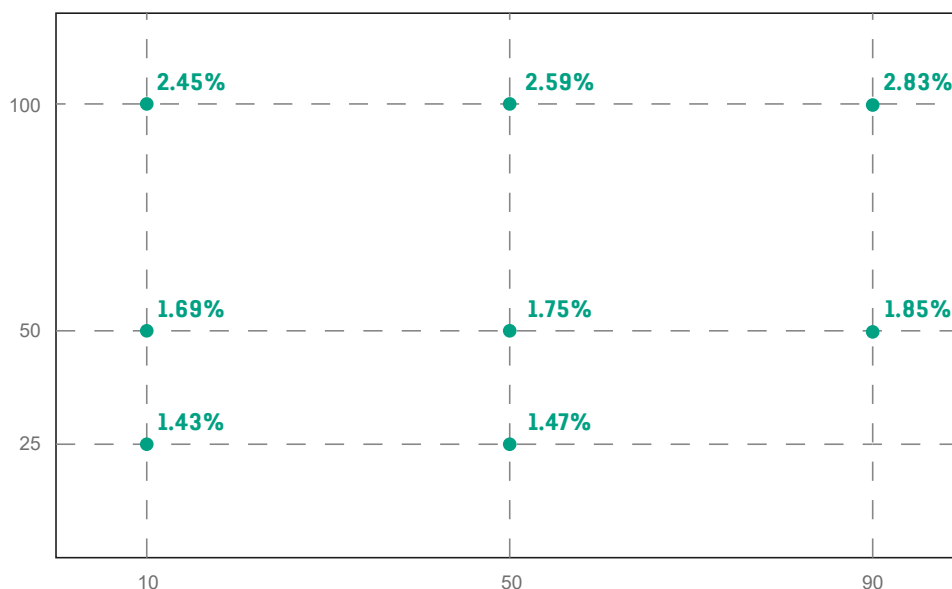
Code **S9ADP36**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	30
Nominal current	(A)	60
Nominal apparent power	(kVA)	40.7
Standby loss	(W)	104
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.83%	1,151.77	96.2%
90	50	1.85%	754.19	95.8%
50	100	2.59%	1,054.05	93.9%
50	50	1.75%	714.25	93.1%
50	25	1.47%	598.70	92.4%
10	100	2.45%	996.30	76.4%
10	50	1.69%	688.69	73.7%
10	25	1.43%	582.09	71.3%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-4370-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **97.0%**

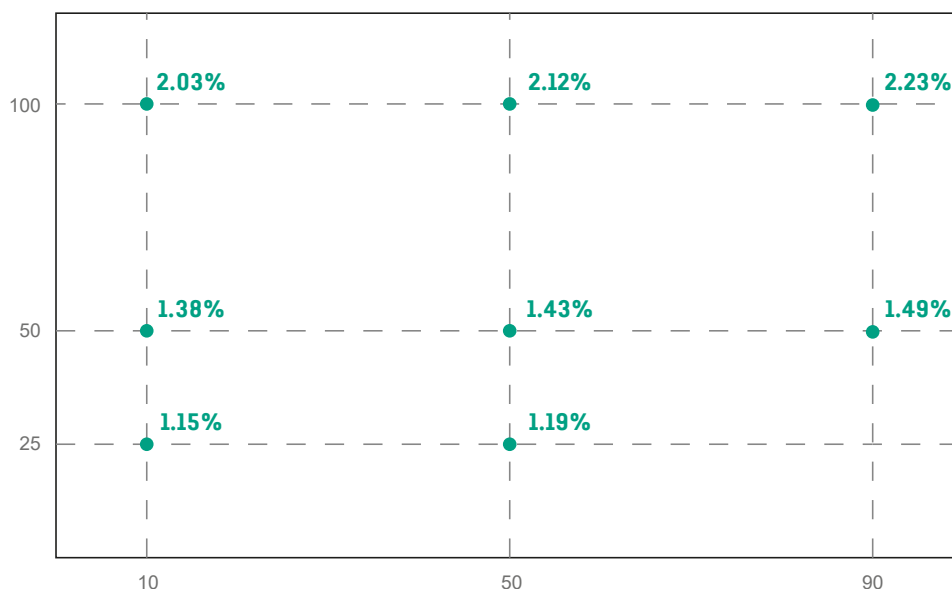
Code **S9ADP37**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	37
Nominal current	(A)	75
Nominal apparent power	(kVA)	50.9
Standby loss	(W)	104
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.23%	1,136.58	97.0%
90	50	1.49%	758.06	96.6%
50	100	2.12%	1,081.75	94.9%
50	50	1.43%	728.90	94.3%
50	25	1.19%	606.90	93.7%
10	100	2.03%	1,034.79	79.5%
10	50	1.38%	702.57	77.5%
10	25	1.15%	587.67	75.5%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-4450-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.6%**

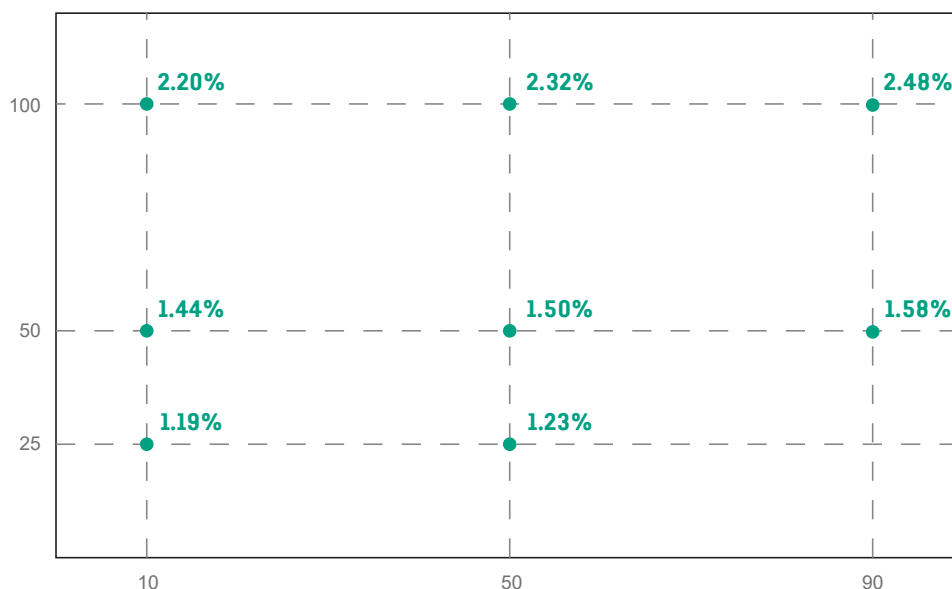
Code **S9ADP38**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	45
Nominal current	(A)	90
Nominal apparent power	(kVA)	61.1
Standby loss	(W)	138
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.48%	1,518.33	96.6%
90	50	1.58%	966.52	96.4%
50	100	2.32%	1,417.15	94.5%
50	50	1.50%	918.65	94.0%
50	25	1.23%	751.36	93.5%
10	100	2.20%	1,344.48	78.2%
10	50	1.44%	881.04	76.7%
10	25	1.19%	724.84	75.0%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-5550-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.9%**

Code **S9ADP39**

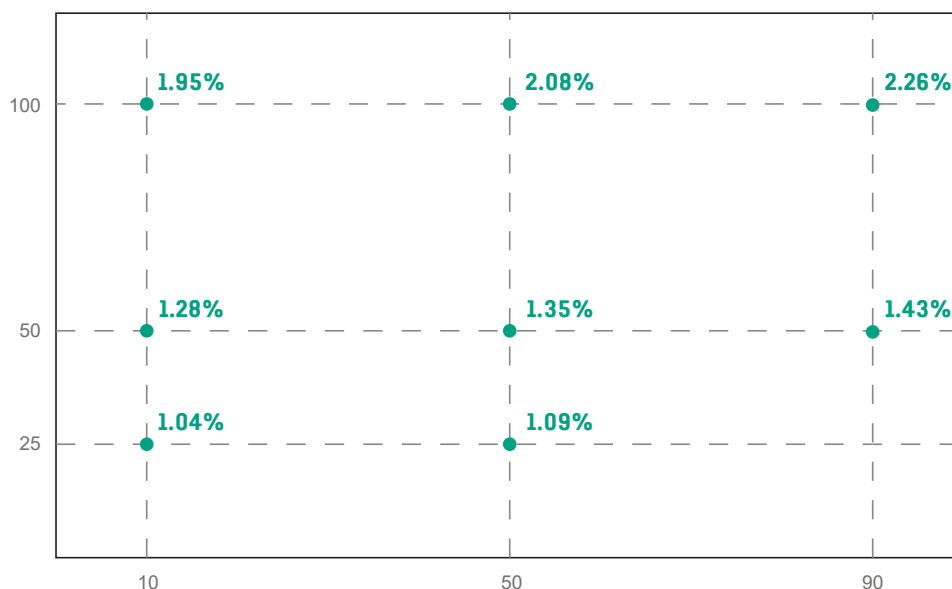
R9ADP39

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	55
Nominal current	(A)	105
Nominal apparent power	(kVA)	71.3
Standby loss	(W)	146
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.26%	1,609.13	96.9%
90	50	1.43%	1,018.90	96.7%
50	100	2.08%	1,482.51	95.0%
50	50	1.35%	959.96	94.4%
50	25	1.09%	774.50	93.9%
10	100	1.95%	1,392.16	80.2%
10	50	1.28%	913.22	78.2%
10	25	1.04%	742.22	76.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-5750-KXP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

Code **S9ADP40**

S9ADP40M

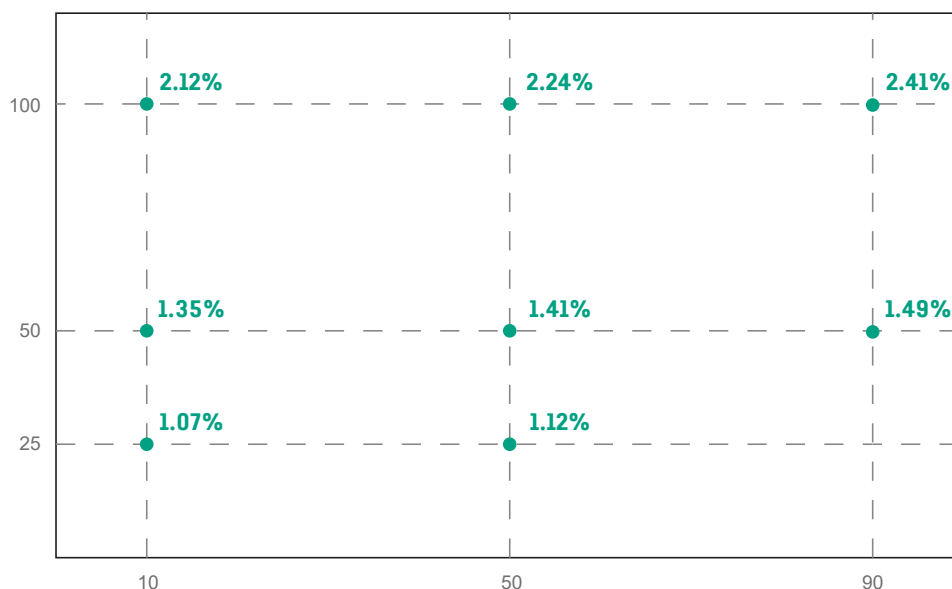
R9ADP40

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	75
Nominal current	(A)	150
Nominal apparent power	(kVA)	101.8
Standby loss	(W)	223
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.41%	2,452.23	96.7%
90	50	1.49%	1,518.17	96.5%
50	100	2.24%	2,281.62	94.6%
50	50	1.41%	1,437.69	94.2%
50	25	1.12%	1,138.04	93.7%
10	100	2.12%	2,160.29	78.8%
10	50	1.35%	1,373.78	77.3%
10	25	1.07%	1,093.55	75.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-5S550-KBP-F-4-C-RS-24**

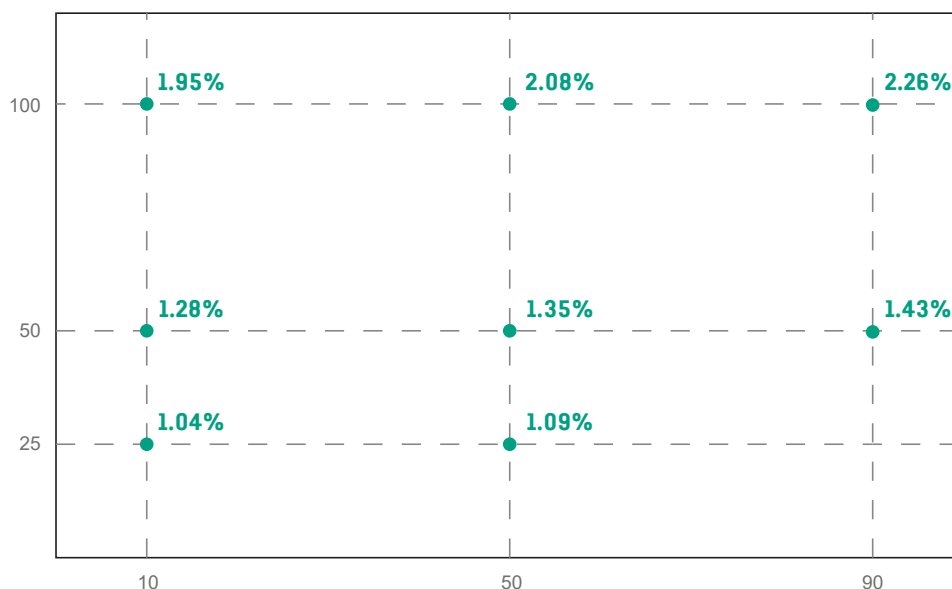
Code **S9ADP43**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	55
Nominal current	(A)	105
Nominal apparent power	(kVA)	71.3
Standby loss	(W)	146
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.26%	1,609.13	96.9%
90	50	1.43%	1,018.90	96.7%
50	100	2.08%	1,482.51	95.0%
50	50	1.35%	959.96	94.4%
50	25	1.09%	774.50	93.9%
10	100	1.95%	1,392.16	80.2%
10	50	1.28%	913.22	78.2%
10	25	1.04%	742.22	76.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-5S750-KBP-F-4-C-RS-24**

IE2 EFFICIENCY: **96.7%**

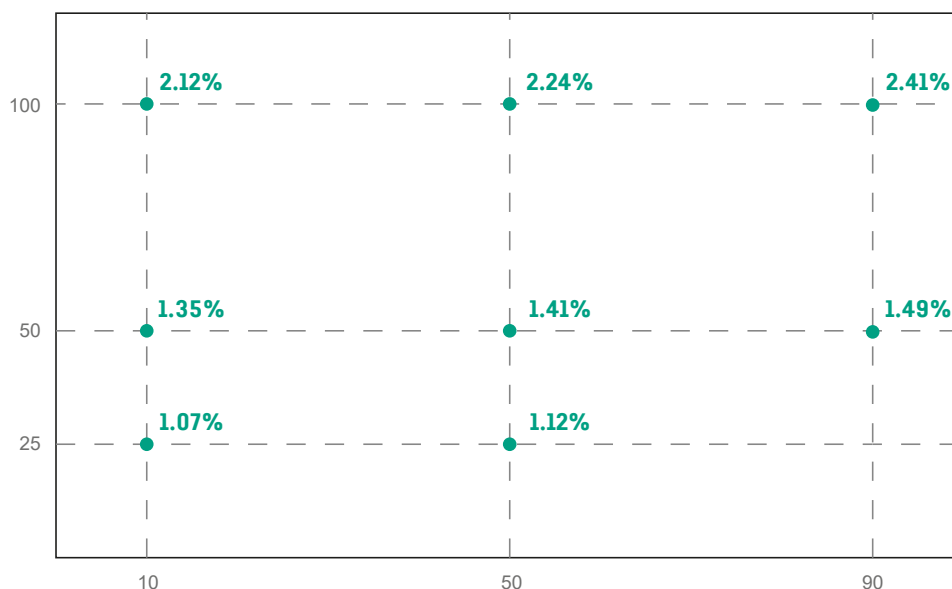
Code **S9ADP44**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	75
Nominal current	(A)	150
Nominal apparent power	(kVA)	101.8
Standby loss	(W)	223
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.41%	2,452.23	96.7%
90	50	1.49%	1,518.17	96.5%
50	100	2.24%	2,281.62	94.6%
50	50	1.41%	1,437.69	94.2%
50	25	1.12%	1,138.04	93.7%
10	100	2.12%	2,160.29	78.8%
10	50	1.35%	1,373.78	77.3%
10	25	1.07%	1,093.55	75.6%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type

ADP200-2110-KBP-4-C-RS

IE2

EFFICIENCY:

96.6%

Code

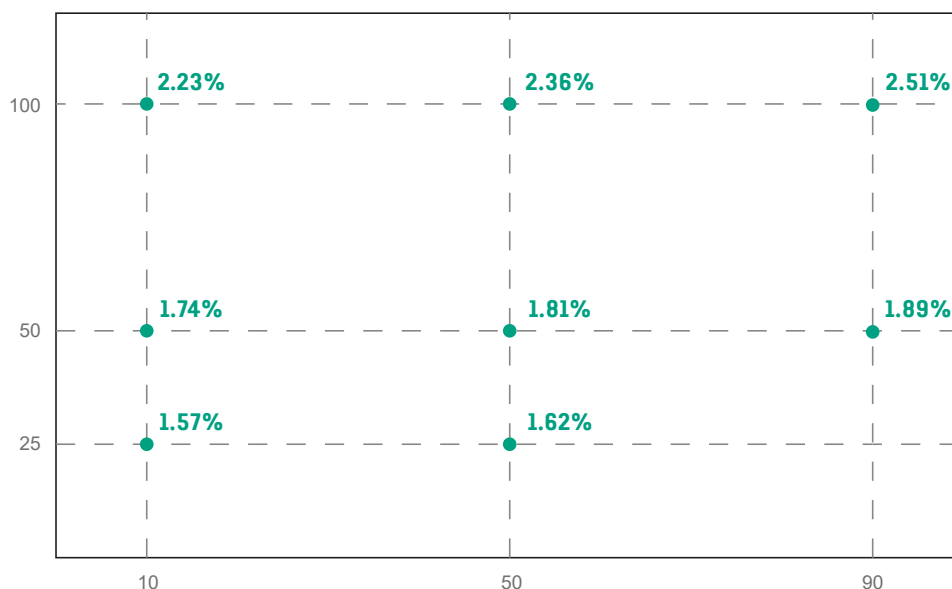
R9ADP02

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	11
Nominal current	(A)	22
Nominal apparent power	(kVA)	14.93
Standby loss	(W)	34
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.51%	374.94	96.6%
90	50	1.89%	281.70	95.8%
50	100	2.36%	352.54	94.4%
50	50	1.81%	270.08	92.9%
50	25	1.62%	241.53	91.7%
10	100	2.23%	332.66	78.0%
10	50	1.74%	259.36	73.2%
10	25	1.57%	233.83	69.4%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-4300-KBP-4-C-RS**

IE2 EFFICIENCY: **96.2%**

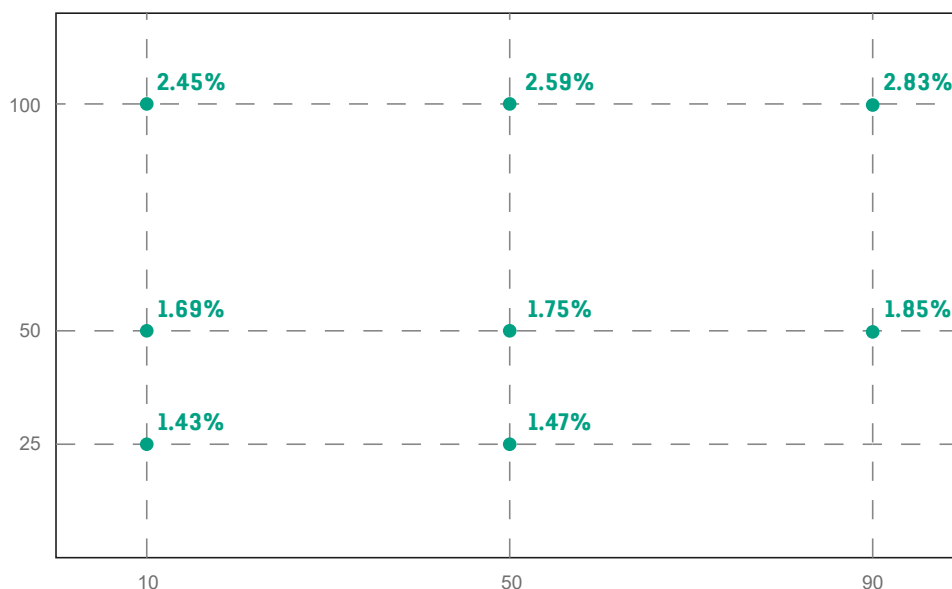
Code **R9ADP06**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	30
Nominal current	(A)	60
Nominal apparent power	(kVA)	40.7
Standby loss	(W)	104
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.83%	1,151.77	96.2%
90	50	1.85%	754.19	95.8%
50	100	2.59%	1,054.05	93.9%
50	50	1.75%	714.25	93.1%
50	25	1.47%	598.70	92.4%
10	100	2.45%	996.30	76.4%
10	50	1.69%	688.69	73.7%
10	25	1.43%	582.09	71.3%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-2075-KBP-F-4-C-RS**

IE2 EFFICIENCY: **96.1%**

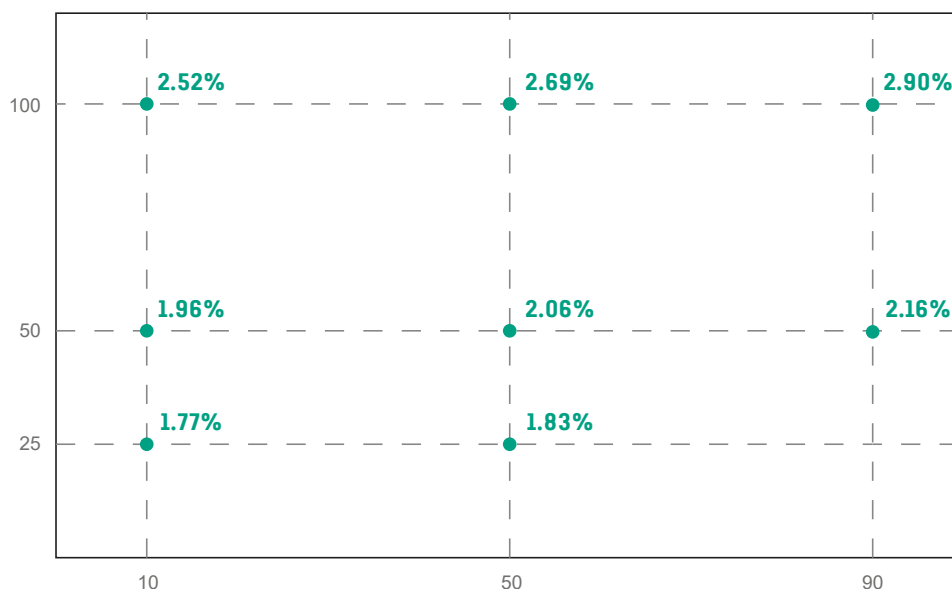
Code **R9ADP11**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	7.5
Nominal current	(A)	18.5
Nominal apparent power	(kVA)	12.56
Standby loss	(W)	33
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.90%	364.70	96.1%
90	50	2.16%	271.93	95.2%
50	100	2.69%	338.33	93.6%
50	50	2.06%	258.36	92.0%
50	25	1.83%	230.43	90.6%
10	100	2.52%	316.48	75.8%
10	50	1.96%	246.42	70.7%
10	25	1.77%	221.80	66.8%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-5S550-KBP-4-C-RS**

IE2 EFFICIENCY: **96.9%**

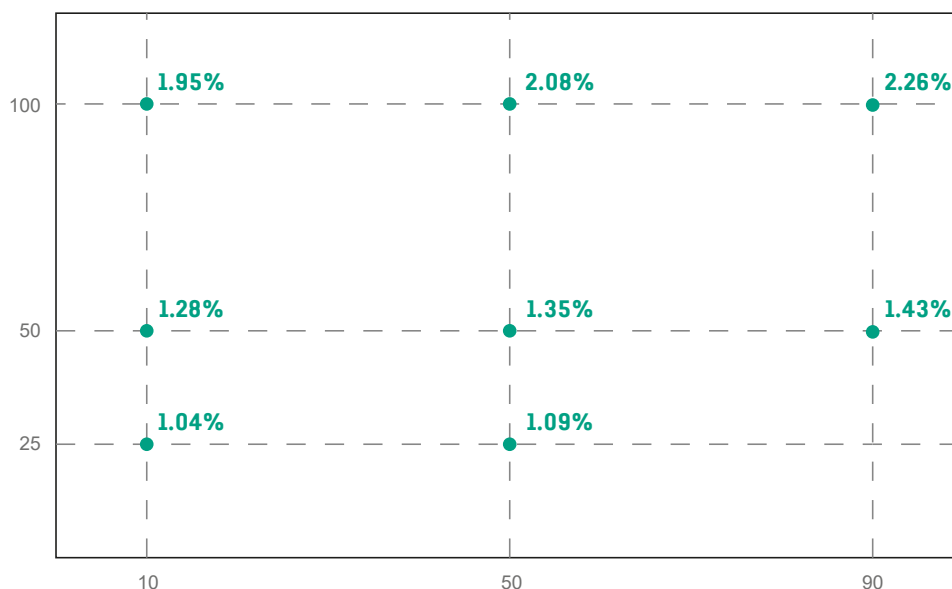
Code **R9ADP22**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	55
Nominal current	(A)	105
Nominal apparent power	(kVA)	71.3
Standby loss	(W)	146
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.26%	1,609.13	96.9%
90	50	1.43%	1,018.90	96.7%
50	100	2.08%	1,482.51	95.0%
50	50	1.35%	959.96	94.4%
50	25	1.09%	774.50	93.9%
10	100	1.95%	1,392.16	80.2%
10	50	1.28%	913.22	78.2%
10	25	1.04%	742.22	76.1%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS



ENERGY EFFICIENCY CERTIFICATE

Drive efficiency according to IEC 61800-9-2

Type **ADP200-4370-KBP-F-4-C-DE-ER-24**

IE2 EFFICIENCY: **97.0%**

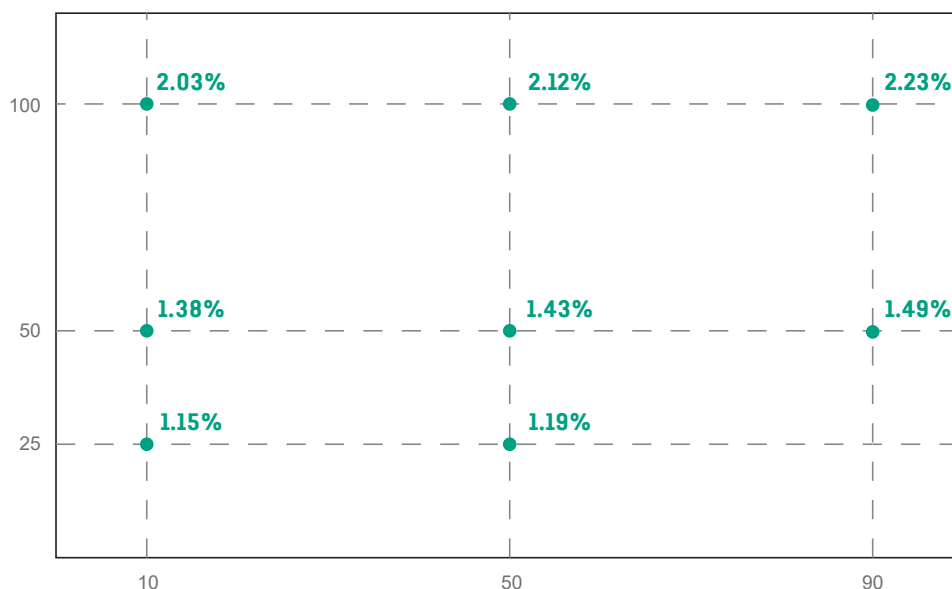
Code **S9ADP67**

Rated supply voltage(s)	(VAC)	400
Motor Power output	(kW)	37
Nominal current	(A)	75
Nominal apparent power	(kVA)	50.9
Standby loss	(W)	104
Nominal apparent frequency	(Hz)	50
Maximum operating temperature *	(°C)	40

* without derating

Frequency %	Current %	Relative loss	Absolute loss (W)	Efficiency %
90	100	2.23%	1,136.58	97.0%
90	50	1.49%	758.06	96.6%
50	100	2.12%	1,081.75	94.9%
50	50	1.43%	728.90	94.3%
50	25	1.19%	606.90	93.7%
10	100	2.03%	1,034.79	79.5%
10	50	1.38%	702.57	77.5%
10	25	1.15%	587.67	75.5%

RELATIVE LOSSES AT THE PREDEFINED OPERATING POINTS





Energy Efficiency Certificate

Series: ADP200
Date: 15-12-2022
Code: 1S9ENEF05

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