

# Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MP300
Model name:	VFD24AMP43JNNAA

Apparent output power	18.6	kVA
Rated output current	24.4	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	18.0	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	270.1	1.5
50	100	243.9	1.3
0	100	216.6	1.2
90	50	143.4	0.8
50	50	132.4	0.7
0	50	121.4	0.7
50	25	96.2	0.5
0	25	91.1	0.5

# Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MP300
Model name:	VFD24AMP43JFNAA

Apparent output power	18.6	kVA
Rated output current	24.4	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	18.0	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	270.1	1.5
50	100	243.9	1.3
0	100	216.6	1.2
90	50	143.4	0.8
50	50	132.4	0.7
0	50	121.4	0.7
50	25	96.2	0.5
0	25	91.1	0.5

# Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MP300
Model name:	VFD31AMP43JNNAA

Apparent output power	24.2	kVA
Rated output current	31.8	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	18.0	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	390.8	1.6
50	100	348.1	1.4
0	100	308.0	1.3
90	50	195.8	0.8
50	50	179.6	0.7
0	50	164.0	0.7
50	25	126.7	0.5
0	25	119.6	0.5

# Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MP300
Model name:	VFD31AMP43JFNAA

Apparent output power	24.2	kVA
Rated output current	31.8	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	18.0	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	390.8	1.6
50	100	348.1	1.4
0	100	308.0	1.3
90	50	195.8	0.8
50	50	179.6	0.7
0	50	164.0	0.7
50	25	126.7	0.5
0	25	119.6	0.5

# Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MP300
Model name:	VFD39AMP43JNNAA

Apparent output power	29.9	kVA
Rated output current	39.2	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	18.0	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	467.0	1.6
50	100	418.6	1.4
0	100	384.0	1.3
90	50	226.4	0.8
50	50	210.8	0.7
0	50	198.3	0.7
50	25	147.5	0.5
0	25	142.2	0.5

# Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MP300
Model name:	VFD39AMP43JFNAA

Apparent output power	29.9	kVA
Rated output current	39.2	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	18.0	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	467.0	1.6
50	100	418.6	1.4
0	100	384.0	1.3
90	50	226.4	0.8
50	50	210.8	0.7
0	50	198.3	0.7
50	25	147.5	0.5
0	25	142.2	0.5

# Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MP300
Model name:	VFD45AMP43JNNAA

Apparent output power	34.8	kVA
Rated output current	45.6	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	18.0	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	586.5	1.7
50	100	522.5	1.5
0	100	478.4	1.4
90	50	275.8	0.8
50	50	255.8	0.7
0	50	240.3	0.7
50	25	176.0	0.5
0	25	169.5	0.5

# Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	MP300
Model name:	VFD45AMP43JFNAA

Apparent output power	34.8	kVA
Rated output current	45.6	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	18.0	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	586.5	1.7
50	100	522.5	1.5
0	100	478.4	1.4
90	50	275.8	0.8
50	50	255.8	0.7
0	50	240.3	0.7
50	25	176.0	0.5
0	25	169.5	0.5



# Energy Efficiency Report

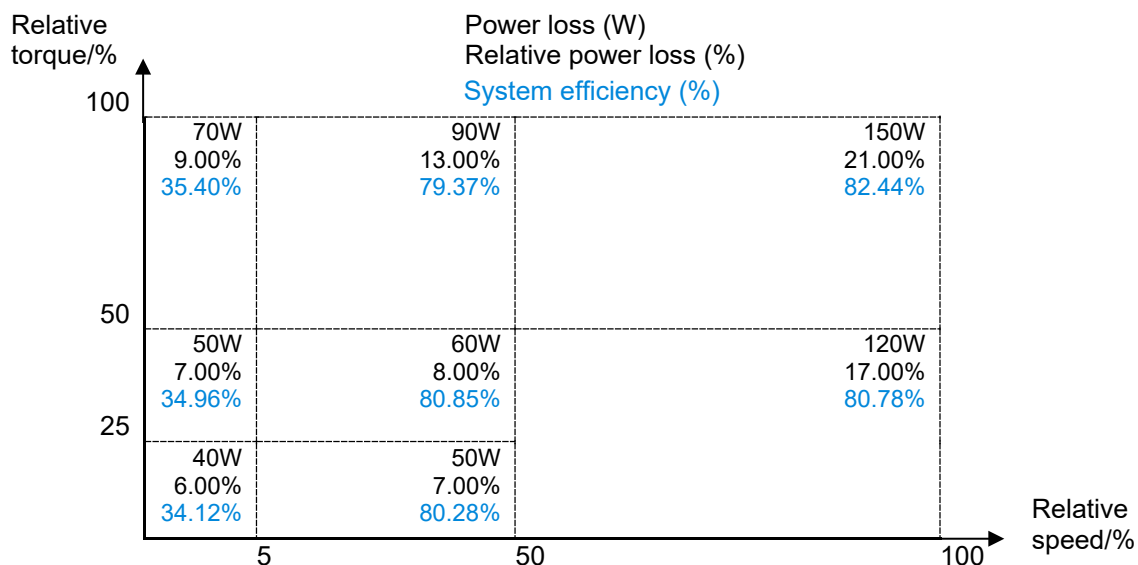
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD75B30C43N2B
Motor model name:	MSI75B-30CDXS2B1AP
Drive model name:	VFD1A6MP43JNNAA
System efficiency:	82.44%

Data	Motor	Drive
Rated power output (kW)	0.75	0.75
Apparent output power (kVA)	1.0	2.1
Rated supply voltage (V)	380	380–480
Rated output current (A)	1.5	1.6
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

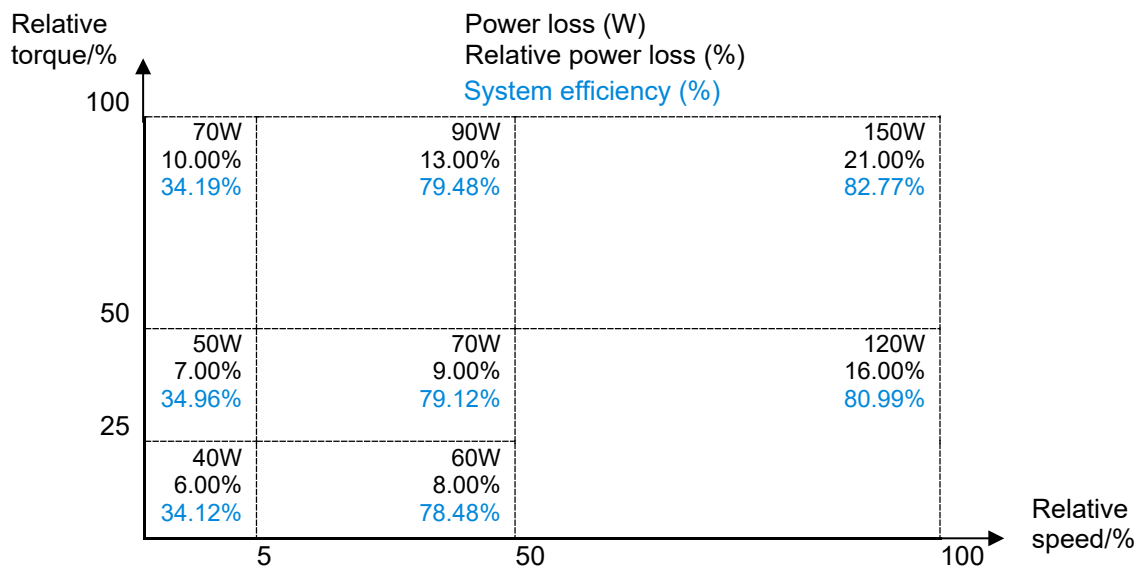
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	MPD
Model name:	MPD75B30C43F2B
Motor model name:	MSI75B-30CDXS2B1AP
Drive model name:	VFD1A6MP43JFNAA
System efficiency:	82.77%

Data	Motor	Drive
Rated power output (kW)	0.75	0.75
Apparent output power (kVA)	1.0	2.1
Rated supply voltage (V)	380	380–480
Rated output current (A)	1.5	1.6
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

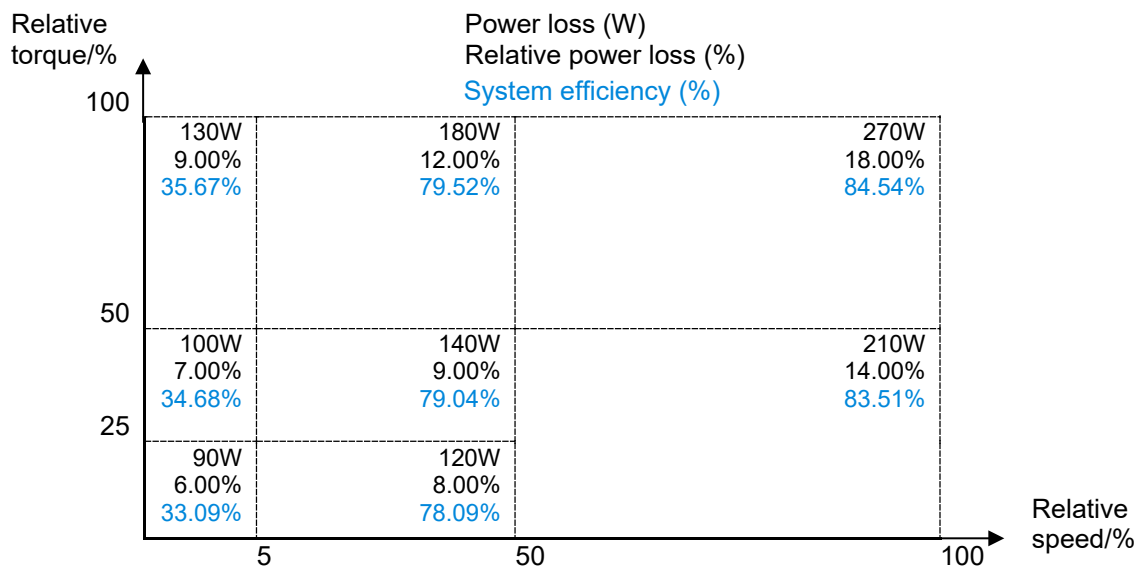
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD15C30C43N2B
Motor model name:	MSI15C-30CDXS2B1AP
Drive model name:	VFD3A3MP43JNNAA
System efficiency:	84.54%

Data	Motor	Drive
Rated power output (kW)	1.5	1.5
Apparent output power (kVA)	2.0	3.2
Rated supply voltage (V)	380	380–480
Rated output current (A)	3.1	3.3
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

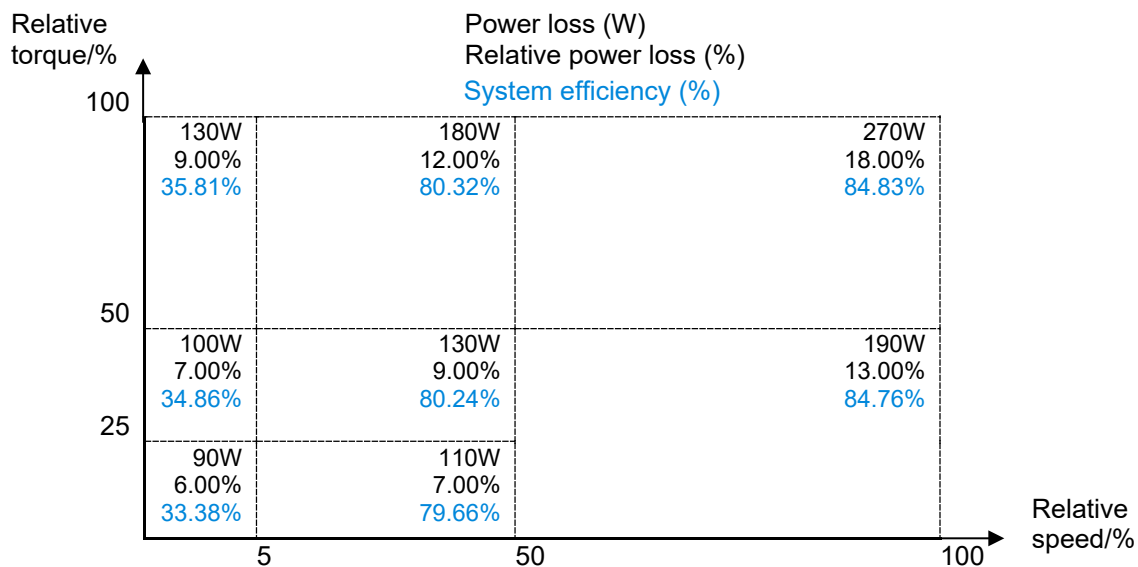
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	<b>MPD</b>
Model name:	<b>MPD15C30C43F2B</b>
Motor model name:	<b>MSI15C-30CDXS2B1AP</b>
Drive model name:	<b>VFD3A3MP43JFNAA</b>
System efficiency:	<b>84.83%</b>

Data	Motor	Drive
Rated power output (kW)	<b>1.5</b>	<b>1.5</b>
Apparent output power (kVA)	<b>2.0</b>	<b>3.2</b>
Rated supply voltage (V)	<b>380</b>	<b>380–480</b>
Rated output current (A)	<b>3.1</b>	<b>3.3</b>
Rated supply frequency (Hz)	<b>150</b>	<b>50/60</b>
Maximum operating temperature (°C)	<b>50</b>	<b>50</b>
Nominal power factor (PF)	<b>0.85</b>	-
Nominal speed (RPM)	<b>3000</b>	-
Standby loss (W)	-	<b>10.8</b>



# Energy Efficiency Report

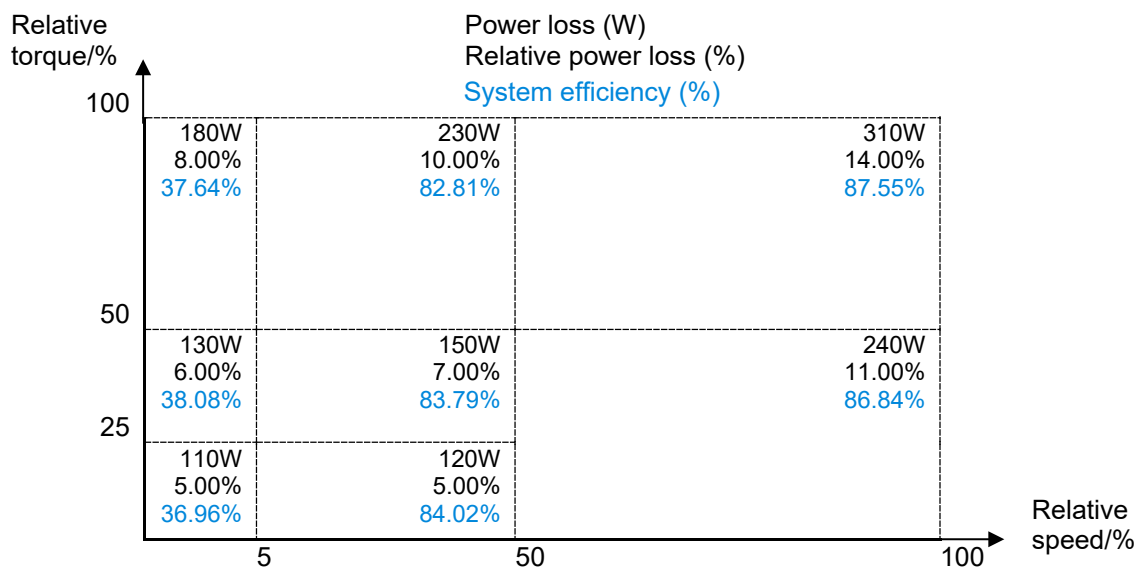
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	MPD
Model name:	MPD22C30C43N2B
Motor model name:	MSI22C-30CDXS2B1AP
Drive model name:	VFD4A7MP43JNNAA
System efficiency:	87.55%

Data	Motor	Drive
Rated power output (kW)	2.2	2.2
Apparent output power (kVA)	2.9	4.2
Rated supply voltage (V)	380	380–480
Rated output current (A)	4.4	4.7
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

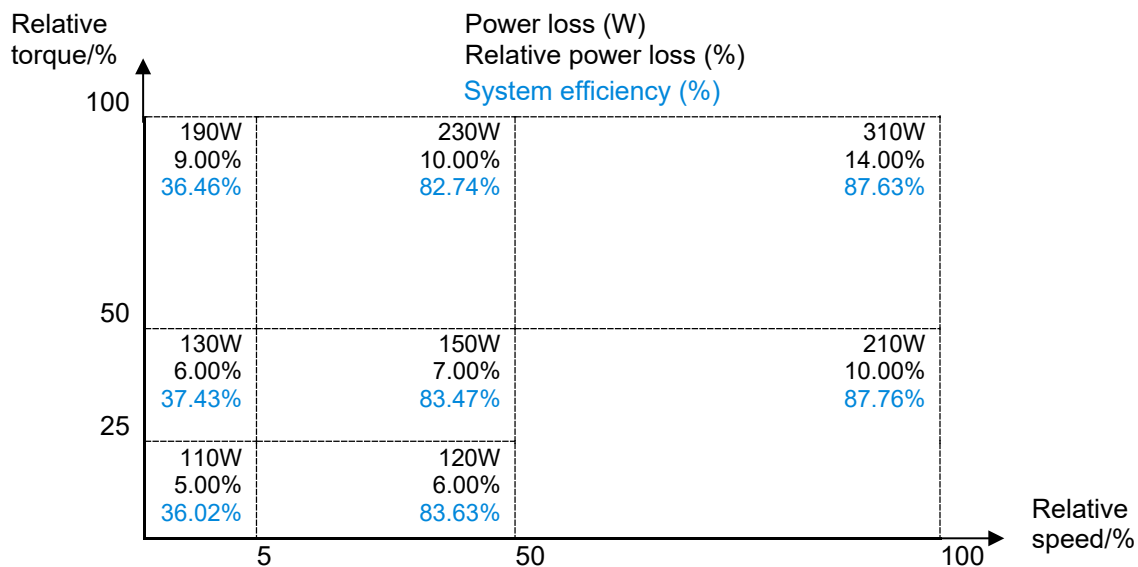
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD22C30C43F2B
Motor model name:	MSI22C-30CDXS2B1AP
Drive model name:	VFD4A7MP43JFNAA
System efficiency:	87.63%

Data	Motor	Drive
Rated power output (kW)	2.2	2.2
Apparent output power (kVA)	2.9	4.2
Rated supply voltage (V)	380	380–480
Rated output current (A)	4.4	4.7
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

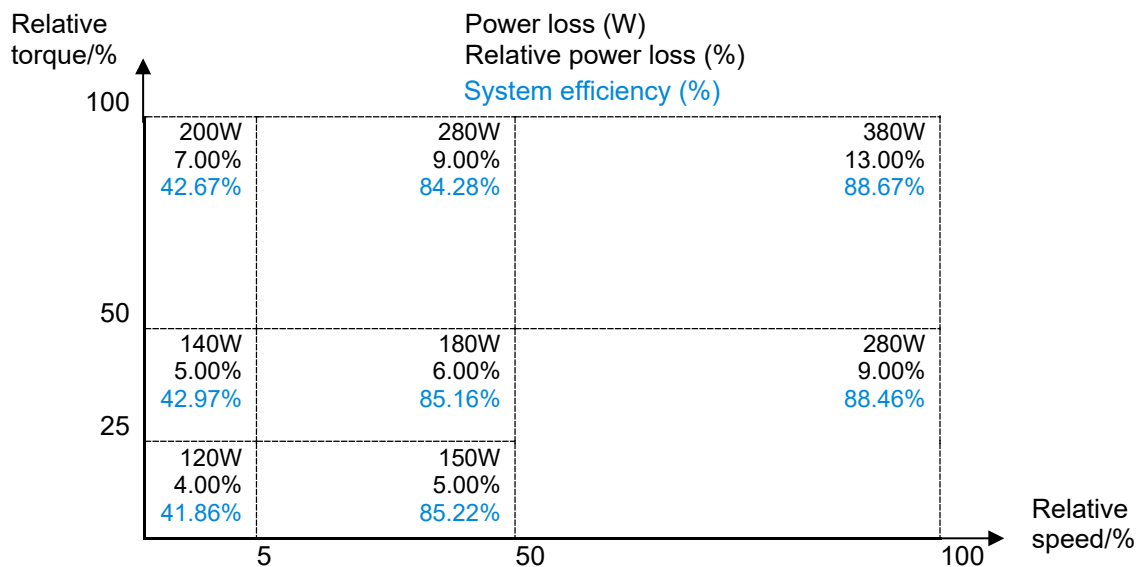
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD30C30C43N2B
Motor model name:	MSI30C-30CDXS2B1AP
Drive model name:	VFD6A2MP43JNNAA
System efficiency:	88.67%

Data	Motor	Drive
Rated power output (kW)	3.0	3.0
Apparent output power (kVA)	3.9	5.6
Rated supply voltage (V)	380	380–480
Rated output current (A)	5.8	6.2
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

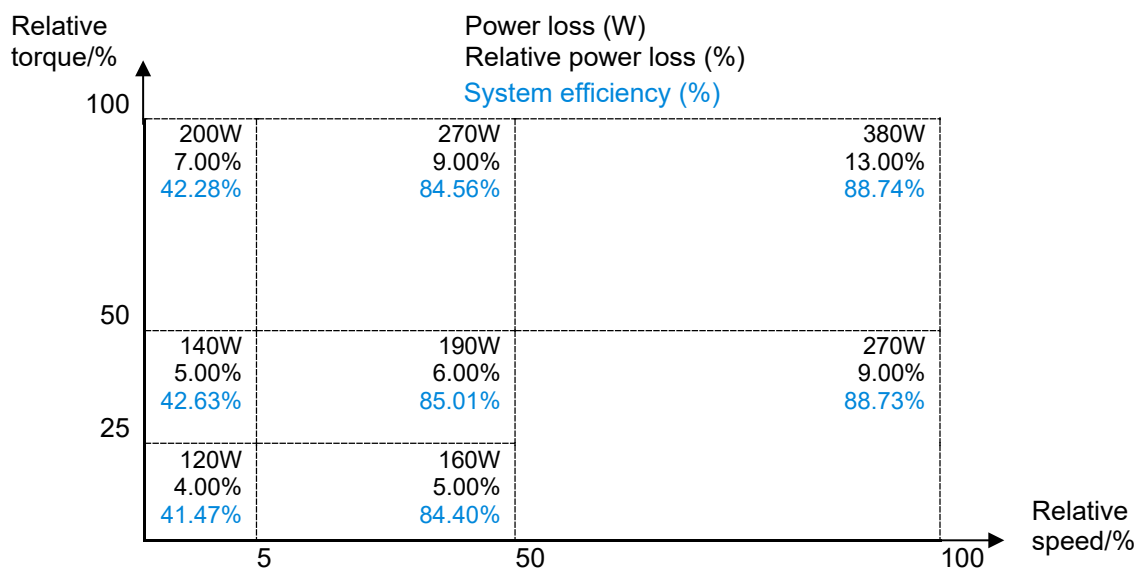
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD30C30C43F2B
Motor model name:	MSI30C-30CDXS2B1AP
Drive model name:	VFD6A2MP43JFNAA
System efficiency:	88.74%

Data	Motor	Drive
Rated power output (kW)	3.0	3.0
Apparent output power (kVA)	3.9	5.6
Rated supply voltage (V)	380	380–480
Rated output current (A)	5.8	6.2
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8





# Energy Efficiency Report

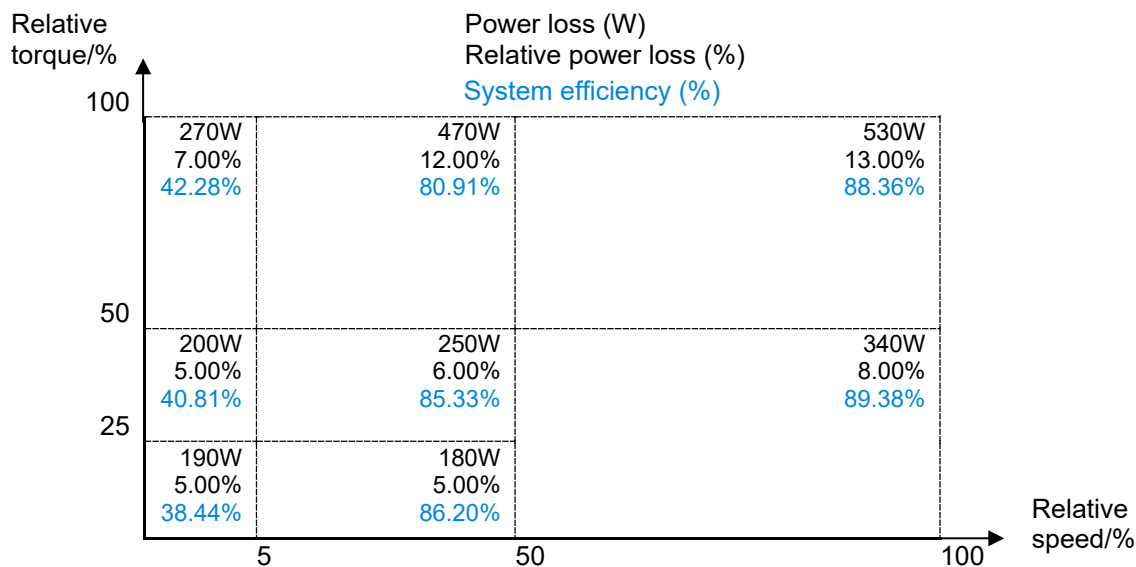
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD40C30C43N2B
Motor model name:	MSI40C-30CDXS2B1AP
Drive model name:	VFD8A5MP43JNNAA
System efficiency:	88.36%

Data	Motor	Drive
Rated power output (kW)	4.0	4.0
Apparent output power (kVA)	5.1	6.9
Rated supply voltage (V)	380	380–480
Rated output current (A)	8	8.5
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.86	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

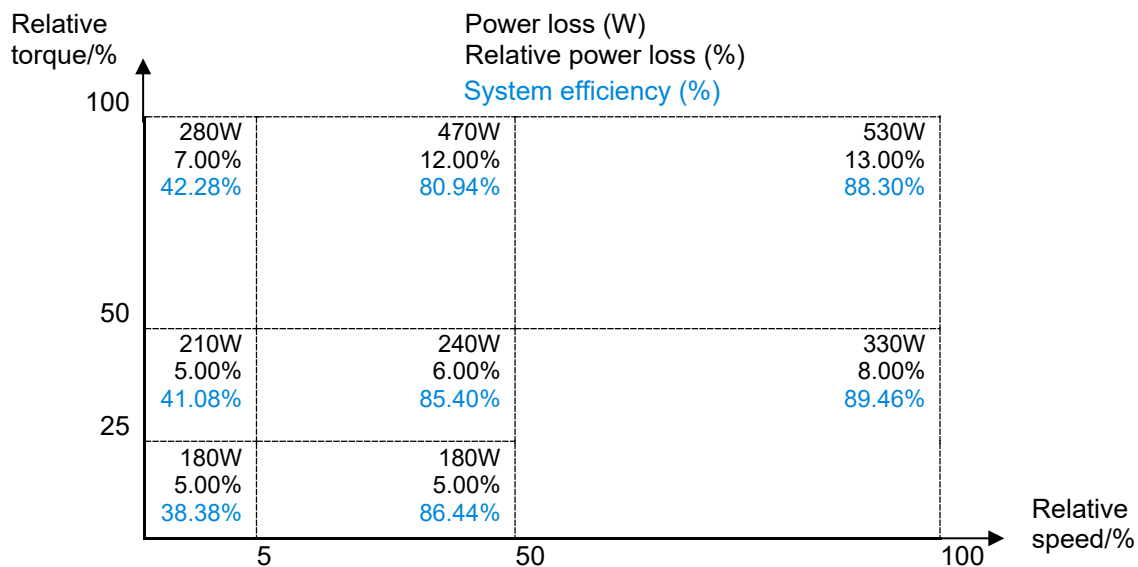
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	<b>MPD</b>
Model name:	<b>MPD40C30C43F2B</b>
Motor model name:	<b>MSI40C-30CDXS2B1AP</b>
Drive model name:	<b>VFD8A5MP43JFNAA</b>
System efficiency:	<b>88.30%</b>

Data	Motor	Drive
Rated power output (kW)	<b>4.0</b>	<b>4.0</b>
Apparent output power (kVA)	<b>5.1</b>	<b>6.9</b>
Rated supply voltage (V)	<b>380</b>	<b>380–480</b>
Rated output current (A)	<b>8</b>	<b>8.5</b>
Rated supply frequency (Hz)	<b>150</b>	<b>50/60</b>
Maximum operating temperature (°C)	<b>50</b>	<b>50</b>
Nominal power factor (PF)	<b>0.86</b>	-
Nominal speed (RPM)	<b>3000</b>	-
Standby loss (W)	-	<b>10.8</b>



# Energy Efficiency Report

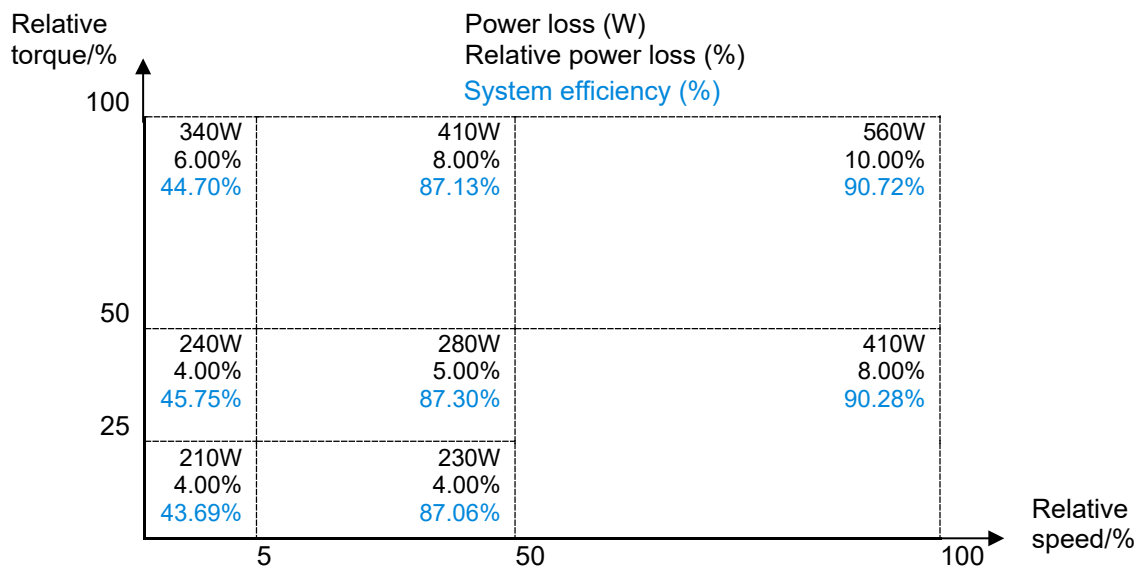
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD55C30C43N2B
Motor model name:	MSI55C-30CDXS2B1AP
Drive model name:	VFD11AMP43JNNAA
System efficiency:	90.72%

Data	Motor	Drive
Rated power output (kW)	5.5	5.5
Apparent output power (kVA)	6.8	9.9
Rated supply voltage (V)	380	380–480
Rated output current (A)	11	11
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.87	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

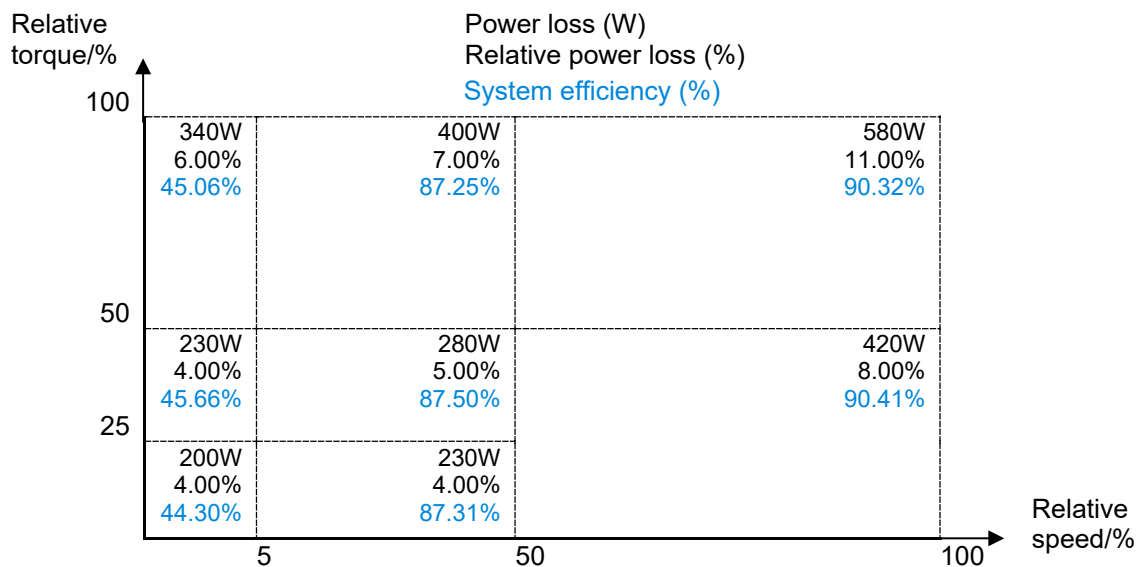
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD55C30C43F2B
Motor model name:	MSI55C-30CDXS2BFAP
Drive model name:	VFD11AMP43JFNAA
System efficiency:	90.32%

Data	Motor	Drive
Rated power output (kW)	5.5	5.5
Apparent output power (kVA)	6.8	9.9
Rated supply voltage (V)	380	380–480
Rated output current (A)	11	11
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.87	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

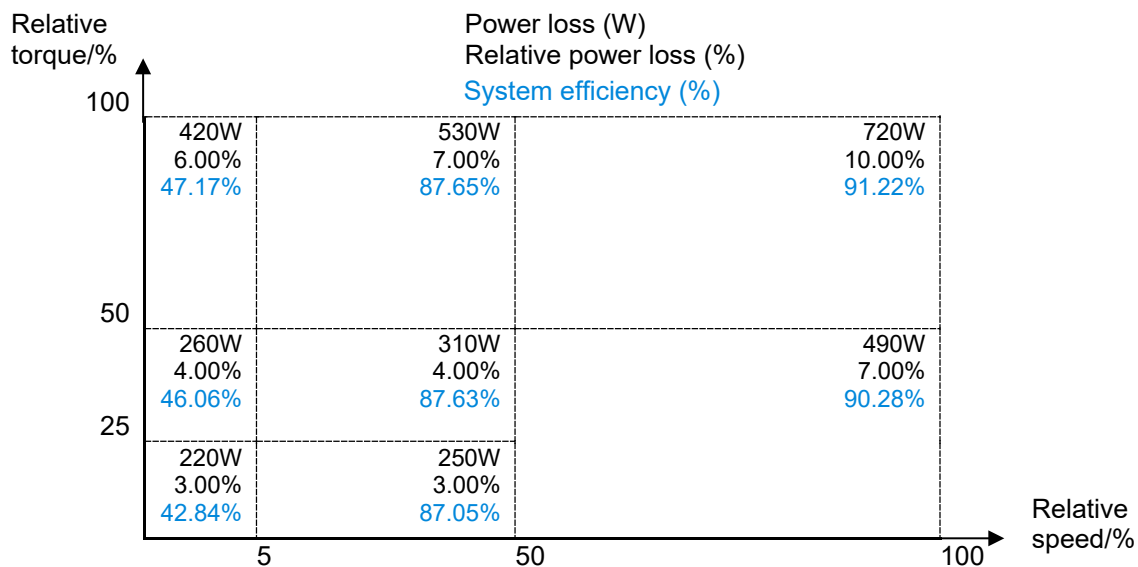
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	<b>MPD</b>
Model name:	<b>MPD75C30C43N2B</b>
Motor model name:	<b>MSI75C-30CDXS2B1AP</b>
Drive model name:	<b>VFD15AMP43JNNAA</b>
System efficiency:	<b>91.22%</b>

Data	Motor	Drive
Rated power output (kW)	<b>7.5</b>	<b>7.5</b>
Apparent output power (kVA)	<b>9.2</b>	<b>13</b>
Rated supply voltage (V)	<b>380</b>	<b>380–480</b>
Rated output current (A)	<b>14.7</b>	<b>15</b>
Rated supply frequency (Hz)	<b>150</b>	<b>50/60</b>
Maximum operating temperature (°C)	<b>50</b>	<b>50</b>
Nominal power factor (PF)	<b>0.87</b>	-
Nominal speed (RPM)	<b>3000</b>	-
Standby loss (W)	-	<b>10.8</b>



# Energy Efficiency Report

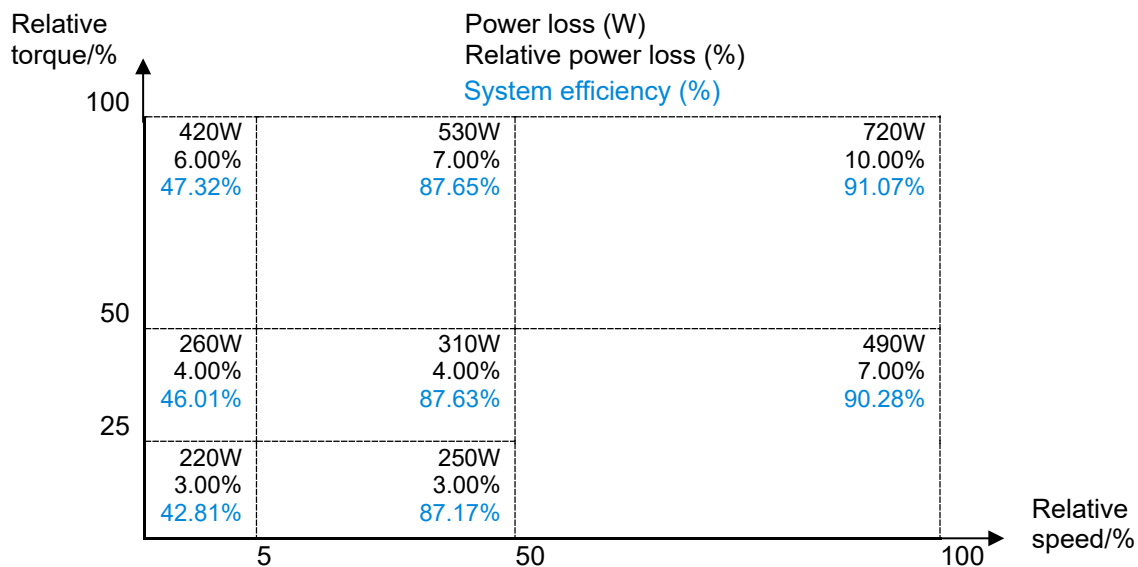
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	<b>MPD</b>
Model name:	<b>MPD75C30C43F2B</b>
Motor model name:	<b>MSI75C-30CDXS2B1AP</b>
Drive model name:	<b>VFD15AMP43JFNAA</b>
System efficiency:	<b>91.07%</b>

Data	Motor	Drive
Rated power output (kW)	<b>7.5</b>	<b>7.5</b>
Apparent output power (kVA)	<b>9.2</b>	<b>13</b>
Rated supply voltage (V)	<b>380</b>	<b>380–480</b>
Rated output current (A)	<b>14.7</b>	<b>15</b>
Rated supply frequency (Hz)	<b>150</b>	<b>50/60</b>
Maximum operating temperature (°C)	<b>50</b>	<b>50</b>
Nominal power factor (PF)	<b>0.87</b>	-
Nominal speed (RPM)	<b>3000</b>	-
Standby loss (W)	-	<b>10.8</b>



# Energy Efficiency Report

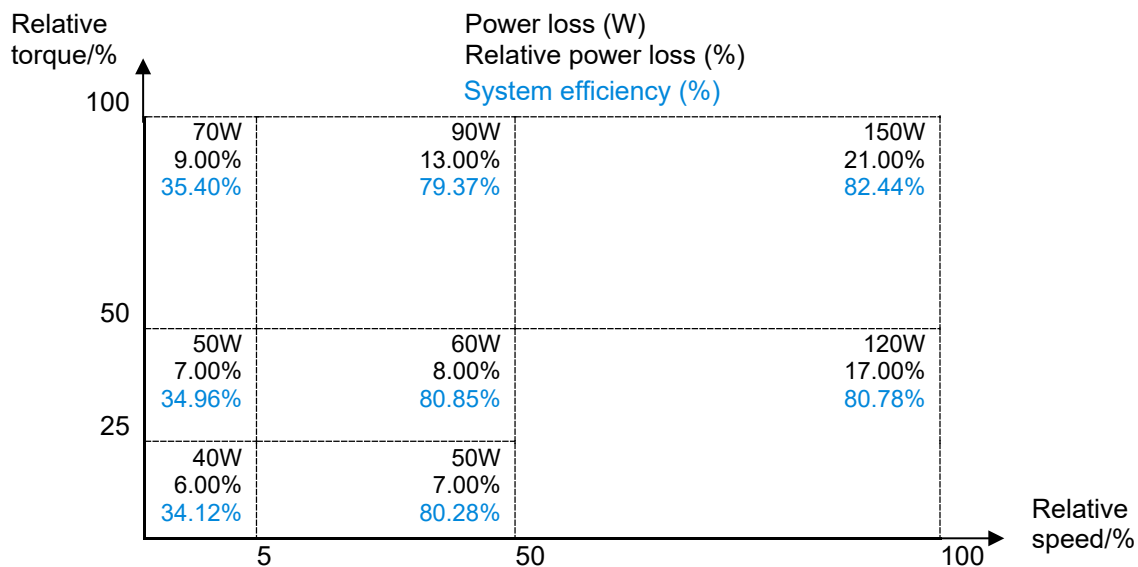
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	MPD
Model name:	MPD75B30C43N2D
Motor model name:	MSI75B-30CDXS2D1AP
Drive model name:	VFD1A6MP43JNNAA
System efficiency:	82.44%

Data	Motor	Drive
Rated power output (kW)	0.75	0.75
Apparent output power (kVA)	1.0	2.1
Rated supply voltage (V)	380	380–480
Rated output current (A)	1.5	1.6
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

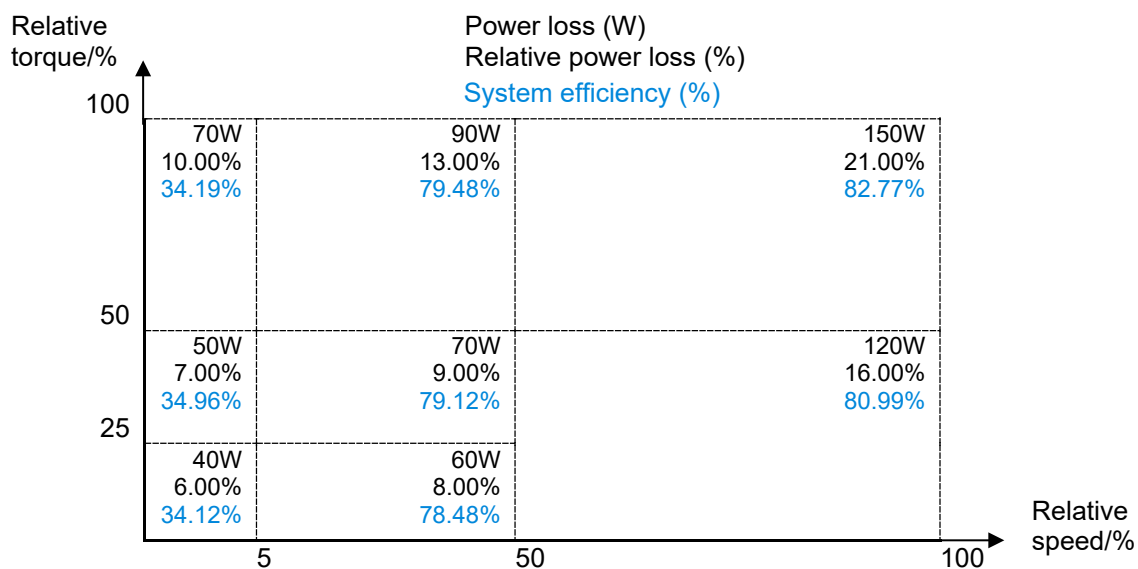
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD75B30C43F2D
Motor model name:	MSI75B-30CDXS2D1AP
Drive model name:	VFD1A6MP43JFNAA
System efficiency:	82.77%

Data	Motor	Drive
Rated power output (kW)	0.75	0.75
Apparent output power (kVA)	1.0	2.1
Rated supply voltage (V)	380	380–480
Rated output current (A)	1.5	1.6
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8





# Energy Efficiency Report

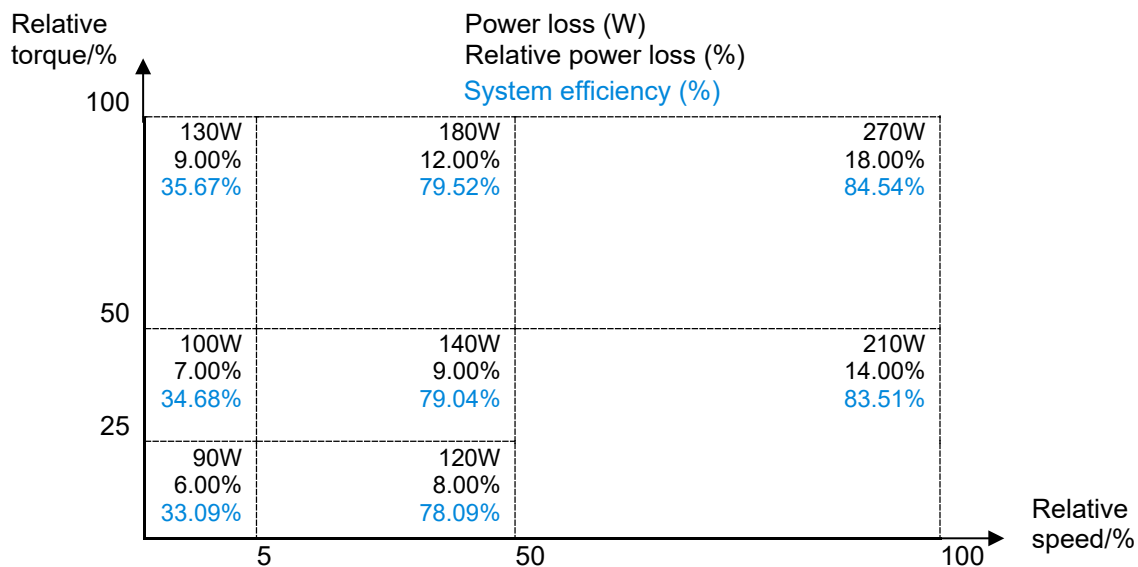
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	<b>MPD</b>
Model name:	<b>MPD15C30C43N2D</b>
Motor model name:	<b>MSI15C-30CDXS2D1AP</b>
Drive model name:	<b>VFD3A3MP43JNNAA</b>
System efficiency:	<b>84.54%</b>

Data	Motor	Drive
Rated power output (kW)	<b>1.5</b>	<b>1.5</b>
Apparent output power (kVA)	<b>2.0</b>	<b>3.2</b>
Rated supply voltage (V)	<b>380</b>	<b>380–480</b>
Rated output current (A)	<b>3.1</b>	<b>3.3</b>
Rated supply frequency (Hz)	<b>150</b>	<b>50/60</b>
Maximum operating temperature (°C)	<b>50</b>	<b>50</b>
Nominal power factor (PF)	<b>0.85</b>	-
Nominal speed (RPM)	<b>3000</b>	-
Standby loss (W)	-	<b>10.8</b>



# Energy Efficiency Report

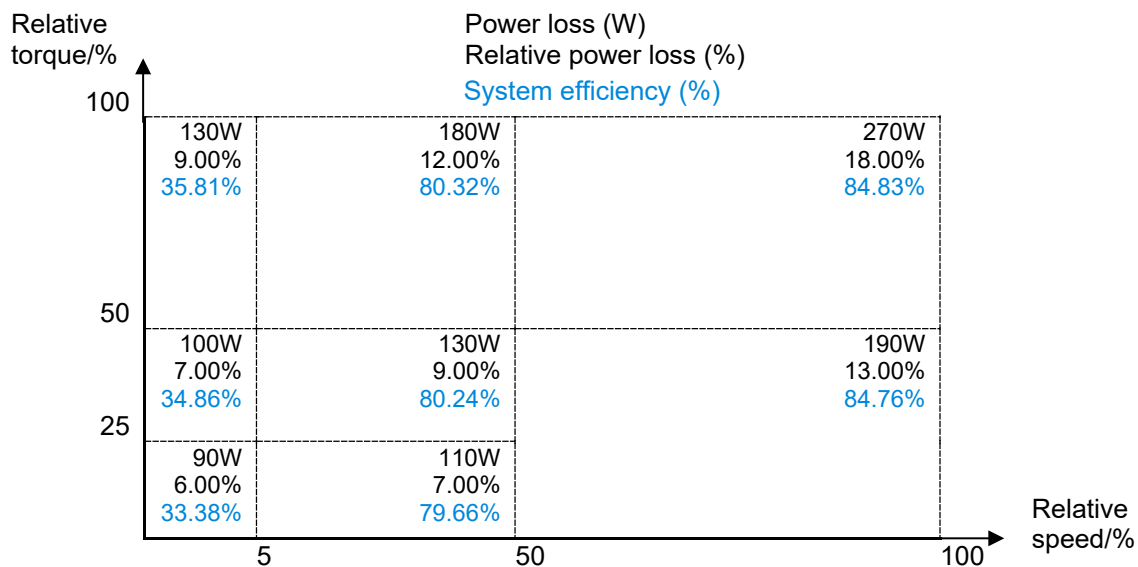
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD15C30C43F2D
Motor model name:	MSI15C-30CDXS2D1AP
Drive model name:	VFD3A3MP43JFNAA
System efficiency:	84.83%

Data	Motor	Drive
Rated power output (kW)	1.5	1.5
Apparent output power (kVA)	2.0	3.2
Rated supply voltage (V)	380	380–480
Rated output current (A)	3.1	3.3
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

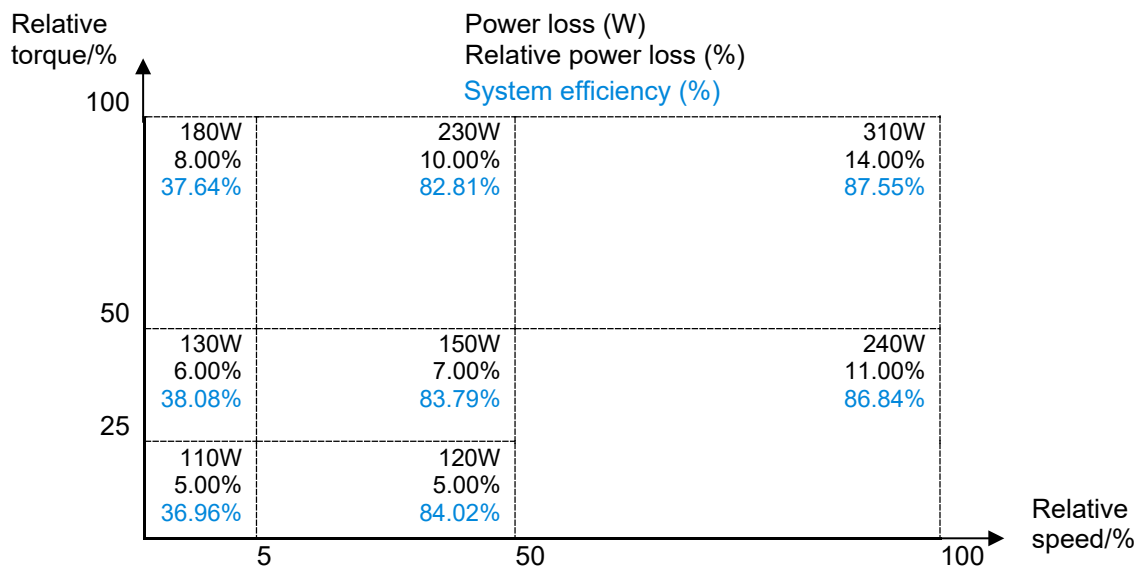
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD22C30C43N2D
Motor model name:	MSI22C-30CDXS2D1AP
Drive model name:	VFD4A7MP43JNNAA
System efficiency:	87.55%

Data	Motor	Drive
Rated power output (kW)	2.2	2.2
Apparent output power (kVA)	2.9	4.2
Rated supply voltage (V)	380	380–480
Rated output current (A)	4.4	4.7
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

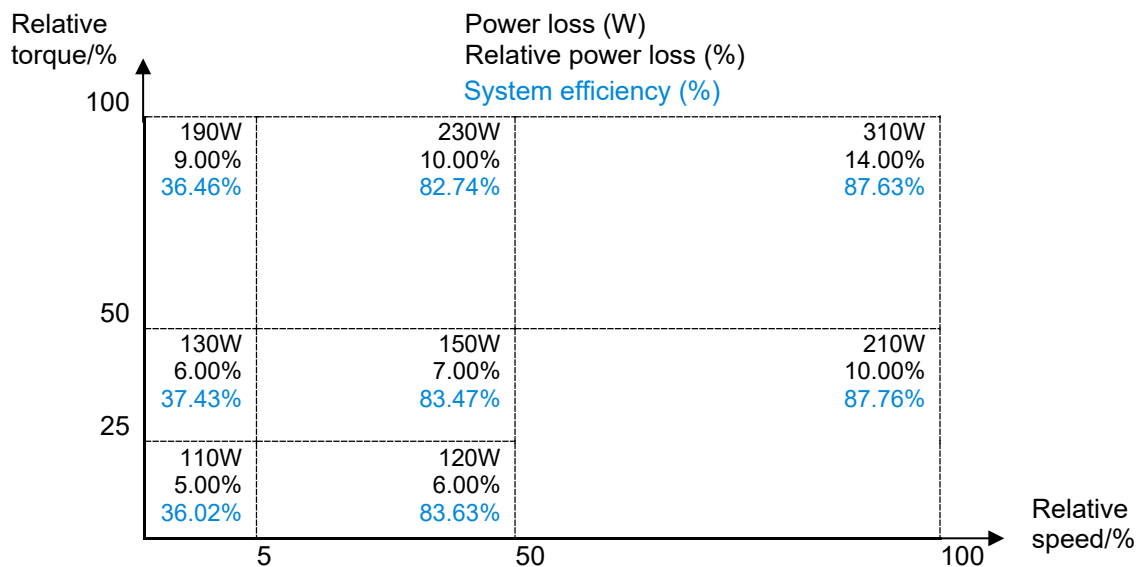
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD22C30C43F2D
Motor model name:	MSI22C-30CDXS2D1AP
Drive model name:	VFD4A7MP43JFNAA
System efficiency:	87.63%

Data	Motor	Drive
Rated power output (kW)	2.2	2.2
Apparent output power (kVA)	2.9	4.2
Rated supply voltage (V)	380	380–480
Rated output current (A)	4.4	4.7
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

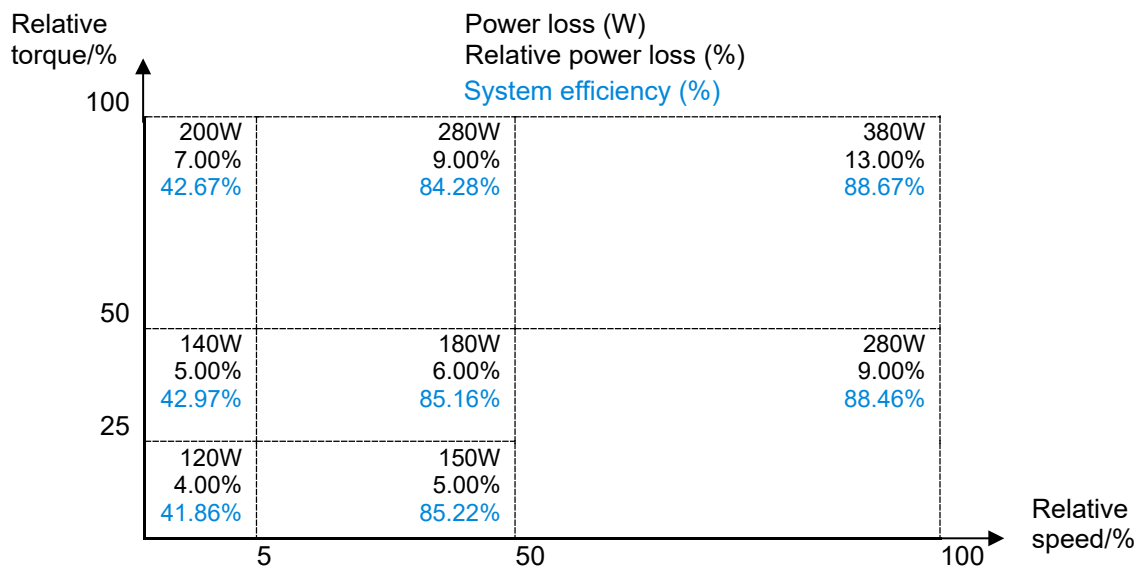
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	<b>MPD</b>
Model name:	<b>MPD30C30C43N2D</b>
Motor model name:	<b>MSI30C-30CDXS2D1AP</b>
Drive model name:	<b>VFD6A2MP43JNNAA</b>
System efficiency:	<b>88.67%</b>

Data	Motor	Drive
Rated power output (kW)	<b>3.0</b>	<b>3.0</b>
Apparent output power (kVA)	<b>3.9</b>	<b>5.6</b>
Rated supply voltage (V)	<b>380</b>	<b>380–480</b>
Rated output current (A)	<b>5.8</b>	<b>6.2</b>
Rated supply frequency (Hz)	<b>150</b>	<b>50/60</b>
Maximum operating temperature (°C)	<b>50</b>	<b>50</b>
Nominal power factor (PF)	<b>0.85</b>	-
Nominal speed (RPM)	<b>3000</b>	-
Standby loss (W)	-	<b>10.8</b>



# Energy Efficiency Report

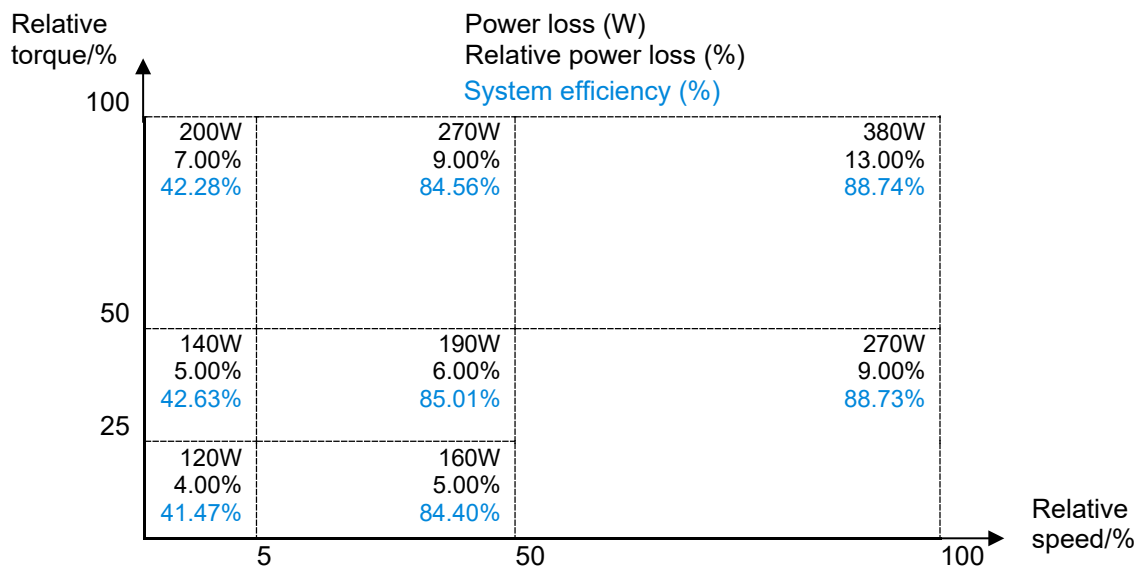
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD30C30C43F2D
Motor model name:	MSI30C-30CDXS2D1AP
Drive model name:	VFD6A2MP43JFNAA
System efficiency:	88.74%

Data	Motor	Drive
Rated power output (kW)	3.0	3.0
Apparent output power (kVA)	3.9	5.6
Rated supply voltage (V)	380	380–480
Rated output current (A)	5.8	6.2
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.85	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

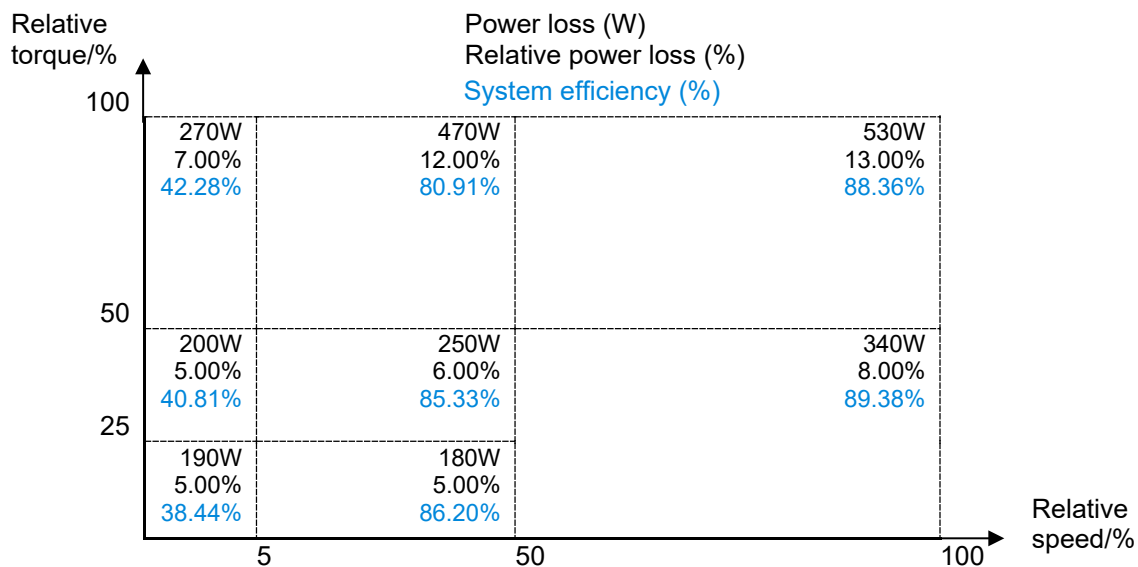
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	MPD
Model name:	MPD40C30C43N2D
Motor model name:	MSI40C-30CDXS2D1AP
Drive model name:	VFD8A5MP43JNNAA
System efficiency:	88.36%

Data	Motor	Drive
Rated power output (kW)	4.0	4.0
Apparent output power (kVA)	5.1	6.9
Rated supply voltage (V)	380	380–480
Rated output current (A)	8	8.5
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.86	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

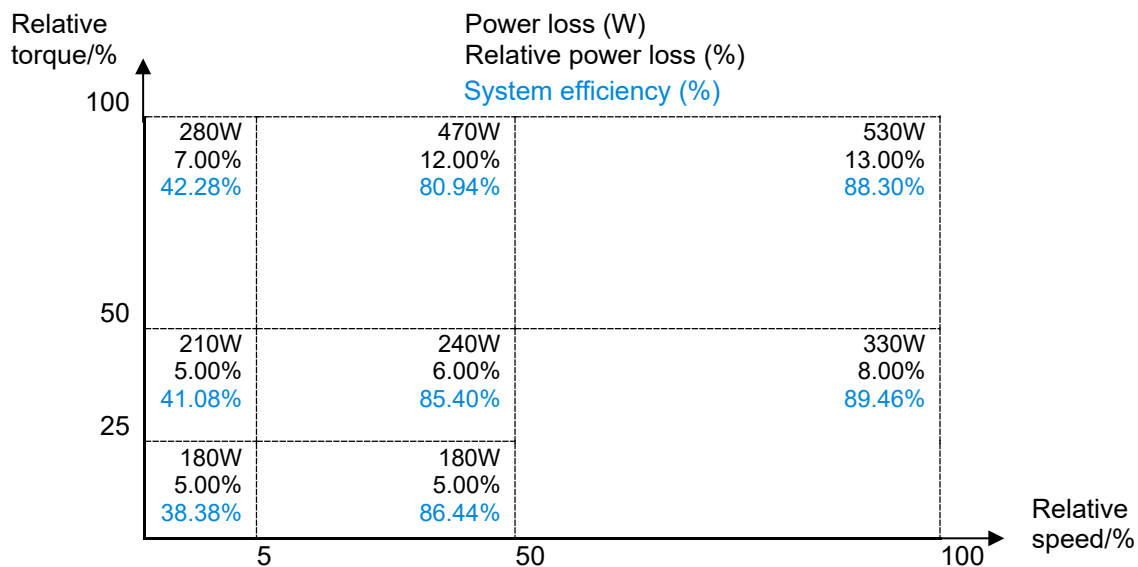
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD40C30C43F2D
Motor model name:	MSI40C-30CDXS2D1AP
Drive model name:	VFD8A5MP43JFNAA
System efficiency:	88.30%

Data	Motor	Drive
Rated power output (kW)	4.0	4.0
Apparent output power (kVA)	5.1	6.9
Rated supply voltage (V)	380	380–480
Rated output current (A)	8	8.5
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.86	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8





# Energy Efficiency Report

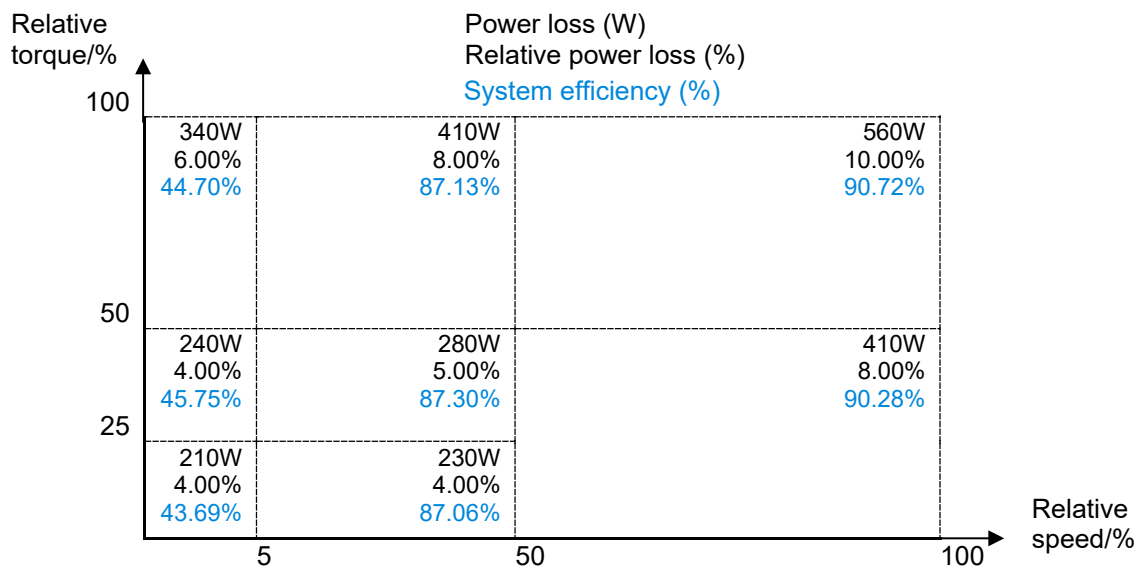
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	<b>MPD</b>
Model name:	<b>MPD55C30C43N2D</b>
Motor model name:	<b>MSI55C-30CDXS2D1AP</b>
Drive model name:	<b>VFD11AMP43JNNAA</b>
System efficiency:	<b>90.72%</b>

Data	Motor	Drive
Rated power output (kW)	<b>5.5</b>	<b>5.5</b>
Apparent output power (kVA)	<b>6.8</b>	<b>9.9</b>
Rated supply voltage (V)	<b>380</b>	<b>380–480</b>
Rated output current (A)	<b>11</b>	<b>11</b>
Rated supply frequency (Hz)	<b>150</b>	<b>50/60</b>
Maximum operating temperature (°C)	<b>50</b>	<b>50</b>
Nominal power factor (PF)	<b>0.87</b>	-
Nominal speed (RPM)	<b>3000</b>	-
Standby loss (W)	-	<b>10.8</b>



# Energy Efficiency Report

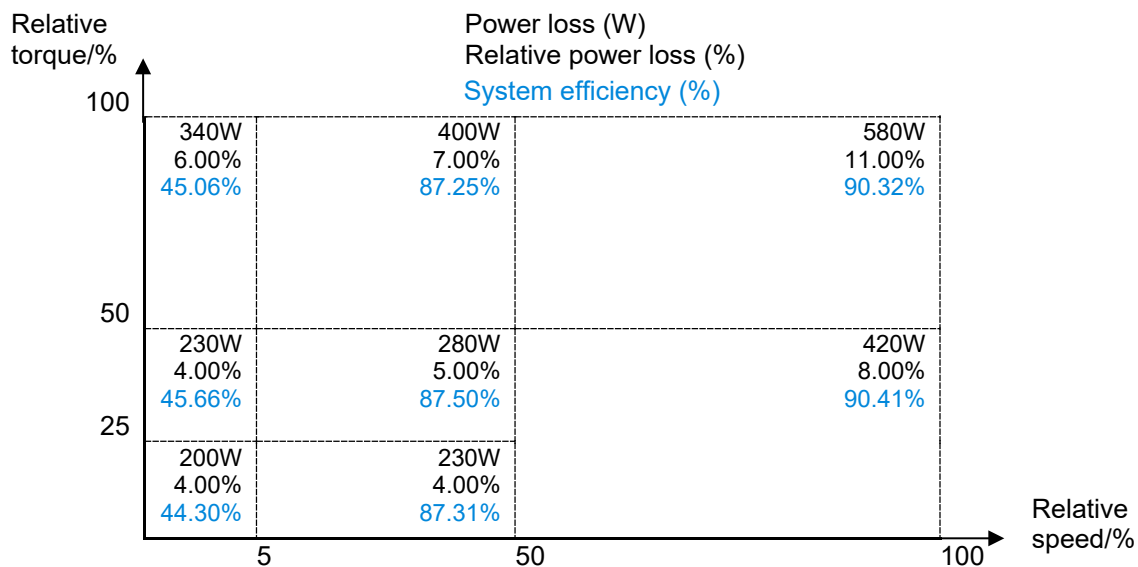
System efficiency according to IEC 61800-9-2

System efficiency level:

IES2

Series:	MPD
Model name:	MPD55C30C43F2D
Motor model name:	MSI55C-30CDXS2DFAP
Drive model name:	VFD11AMP43JFNAA
System efficiency:	90.32%

Data	Motor	Drive
Rated power output (kW)	5.5	5.5
Apparent output power (kVA)	6.8	9.9
Rated supply voltage (V)	380	380–480
Rated output current (A)	11	11
Rated supply frequency (Hz)	150	50/60
Maximum operating temperature (°C)	50	50
Nominal power factor (PF)	0.87	-
Nominal speed (RPM)	3000	-
Standby loss (W)	-	10.8



# Energy Efficiency Report

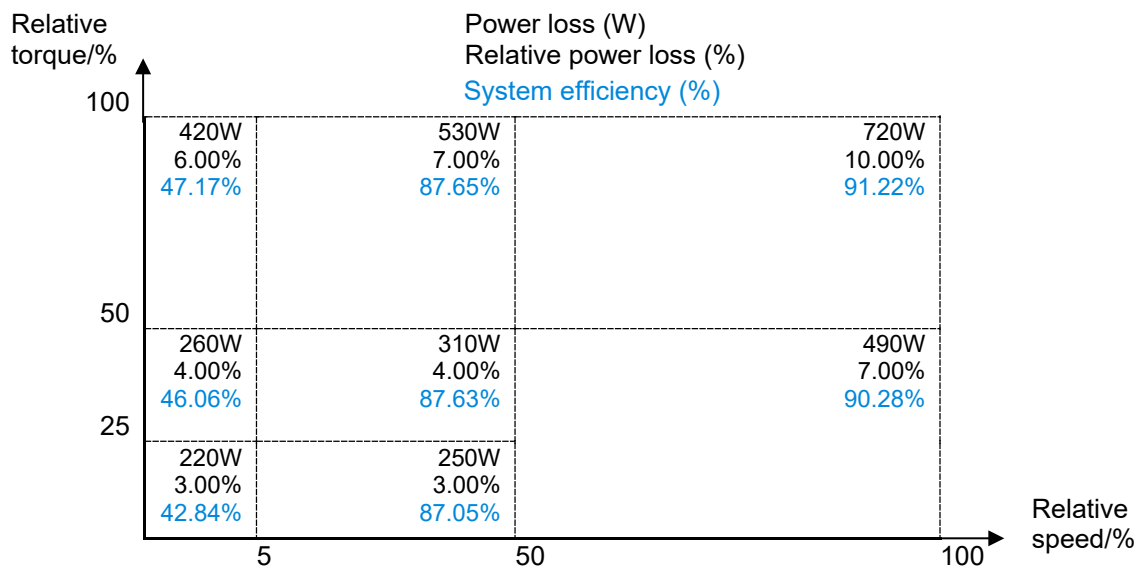
System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	<b>MPD</b>
Model name:	<b>MPD75C30C43N2D</b>
Motor model name:	<b>MSI75C-30CDXS2D1AP</b>
Drive model name:	<b>VFD15AMP43JNNAA</b>
System efficiency:	<b>91.22%</b>

Data	Motor	Drive
Rated power output (kW)	<b>7.5</b>	<b>7.5</b>
Apparent output power (kVA)	<b>9.2</b>	<b>13</b>
Rated supply voltage (V)	<b>380</b>	<b>380–480</b>
Rated output current (A)	<b>14.7</b>	<b>15</b>
Rated supply frequency (Hz)	<b>150</b>	<b>50/60</b>
Maximum operating temperature (°C)	<b>50</b>	<b>50</b>
Nominal power factor (PF)	<b>0.87</b>	-
Nominal speed (RPM)	<b>3000</b>	-
Standby loss (W)	-	<b>10.8</b>



# Energy Efficiency Report

System efficiency according to IEC 61800-9-2

System efficiency level:

**IES2**

Series:	<b>MPD</b>
Model name:	<b>MPD75C30C43F2D</b>
Motor model name:	<b>MSI75C-30CDXS2D1AP</b>
Drive model name:	<b>VFD15AMP43JFNAA</b>
System efficiency:	<b>91.07%</b>

Data	Motor	Drive
Rated power output (kW)	<b>7.5</b>	<b>7.5</b>
Apparent output power (kVA)	<b>9.2</b>	<b>13</b>
Rated supply voltage (V)	<b>380</b>	<b>380–480</b>
Rated output current (A)	<b>14.7</b>	<b>15</b>
Rated supply frequency (Hz)	<b>150</b>	<b>50/60</b>
Maximum operating temperature (°C)	<b>50</b>	<b>50</b>
Nominal power factor (PF)	<b>0.87</b>	-
Nominal speed (RPM)	<b>3000</b>	-
Standby loss (W)	-	<b>10.8</b>

