

HE3-HE3Z 160M4 11kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 91,4% at 50Hz - 92,4% at 60 Hz 75%: 92,7% at 50Hz - 93,0% at 60 Hz 50%: 92,4% at 50Hz - 92,3% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3-HE3Z 160M4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 11 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 1470 - 1775 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 9,4%; P2 (50;100) = 7,7%; P3 (25;100) = 6,9%; P4 (90;50) = 5,1%; P5 (50;50) = 3,8%; P6 (50;25) = 2,9%; P7 (25;25) = 2,4%

HE3-HE3Z 160L4 15kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 92,1% at 50Hz - 93,0% at 60 Hz 75%: 91,9% at 50Hz - 92,8% at 60 Hz 50%: 92,1% at 50Hz - 92,4% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3-HE3Z 160L4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 15 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 1465 - 1770 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 10,8%; P2 (50;100) = 8,6%; P3 (25;100) = 7,6%; P4 (90;50) = 5,5%; P5 (50;50) = 4,2%; P6 (50;25) = 3,1%; P7 (25;25) = 2,6%

HE3-HE3Z 180M4 18,5kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 92,6% at 50Hz - 93,6% at 60 Hz 75%: 92,8% at 50Hz - 93,2% at 60 Hz 50%: 92,2% at 50Hz - 92,0% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3-HE3Z 180M4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 18,5 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 1470 - 1775 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 9,0%; P2 (50;100) = 7,4%; P3 (25;100) = 6,8%; P4 (90;50) = 5,1%; P5 (50;50) = 3,8%; P6 (50;25) = 2,9%; P7 (25;25) = 2,4%

HE3-HE3Z 180L4 22kW

Nr.	Information
1	<p>Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place:</p> <p>100%: 93,0% at 50Hz - 93,6% at 60 Hz 75%: 93,2% at 50Hz - 93,7% at 60 Hz 50%: 92,8% at 50Hz - 92,6% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4':</p> <p>IE3</p>
3	<p>Manufacturer's name or trade mark, commercial registration number and address:</p> <p>Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy</p>
4	<p>Product's model identifier:</p> <p>HE3-HE3Z 180L4</p>
5	<p>Number of poles of the motor:</p> <p>4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW):</p> <p>22 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz):</p> <p>50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V):</p> <p>400V(Δ) - 460V(Δ)</p>
9	<p>The rated speed(s) or range of rated speed (rpm):</p> <p>1470 - 1775 rpm</p>
10	<p>Single-phase or three-phase:</p> <p>Three-phase</p>
11	<p>Information on the range of operating conditions for which the motor is designed:</p> <p>(a) altitudes above sea-level: 0 - 1000 m a.s.l.</p> <p>(b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C</p> <p>(c) water coolant temperature at the inlet to the product, where applicable: Not applicable</p> <p>(d) maximum operating temperature: Insulation class F 155°C</p> <p>(e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere</p>
12	<p>If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt:</p> <p>The motor is in the scope of Regulation</p>
13	<p>The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points.</p> <p>Point numbering is according to IEC 60034-2-3 standard:</p> <p>P1 (90;100) = 8,0%; P2 (50;100) = 6,7%; P3 (25;100) = 6,2%; P4 (90;50) = 4,5%; P5 (50;50) = 3,4%; P6 (50;25) = 2,6%; P7 (25;25) = 2,1%</p>

HE3-HE3Z 200L4 30kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 93,6% at 50Hz - 94,1% at 60 Hz 75%: 94,0% at 50Hz - 94,2% at 60 Hz 50%: 93,4% at 50Hz - 93,4% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3-HE3Z 200L4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 30 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 1470 - 1775 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 8,2%; P2 (50;100) = 6,7%; P3 (25;100) = 6,0%; P4 (90;50) = 4,3%; P5 (50;50) = 3,3%; P6 (50;25) = 2,4%; P7 (25;25) = 2,0%

HE3 225S4 37kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 93,9% at 50Hz - 94,5% at 60 Hz 75%: 95,0% at 50Hz - 95,1% at 60 Hz 50%: 94,2% at 50Hz - 94,0% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3 225S4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 37 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 1480 - 1780 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 6,9%; P2 (50;100) = 5,4%; P3 (25;100) = 4,8%; P4 (90;50) = 4,3%; P5 (50;50) = 3,0%; P6 (50;25) = 2,4%; P7 (25;25) = 1,8%

HE3 225M4 45kW

Nr.	Information
1	<p>Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place:</p> <p>100%: 94,2% at 50Hz - 95,0% at 60 Hz 75%: 94,3% at 50Hz - 95,1% at 60 Hz 50%: 93,5% at 50Hz - 94,0% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4':</p> <p>IE3</p>
3	<p>Manufacturer's name or trade mark, commercial registration number and address:</p> <p>Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy</p>
4	<p>Product's model identifier:</p> <p>HE3 225M4</p>
5	<p>Number of poles of the motor:</p> <p>4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW):</p> <p>45 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz):</p> <p>50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V):</p> <p>400V(Δ) - 460V(Δ)</p>
9	<p>The rated speed(s) or range of rated speed (rpm):</p> <p>1480 - 1780 rpm</p>
10	<p>Single-phase or three-phase:</p> <p>Three-phase</p>
11	<p>Information on the range of operating conditions for which the motor is designed:</p> <p>(a) altitudes above sea-level: 0 - 1000 m a.s.l.</p> <p>(b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C</p> <p>(c) water coolant temperature at the inlet to the product, where applicable: Not applicable</p> <p>(d) maximum operating temperature: Insulation class F 155°C</p> <p>(e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere</p>
12	<p>If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt:</p> <p>The motor is in the scope of Regulation</p>
13	<p>The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points.</p> <p>Point numbering is according to IEC 60034-2-3 standard:</p> <p>P1 (90;100) = 6,5%; P2 (50;100) = 5,1%; P3 (25;100) = 4,4%; P4 (90;50) = 4,0%; P5 (50;50) = 2,8%; P6 (50;25) = 2,2%; P7 (25;25) = 1,8%</p>

HE3 250M4 55kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 94,6% at 50Hz - 95,4% at 60 Hz 75%: 95,7% at 50Hz - 95,9% at 60 Hz 50%: 95,2% at 50Hz - 95,3% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3 250M4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 55 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 1480 - 1780 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 6,1%; P2 (50;100) = 4,8%; P3 (25;100) = 4,2%; P4 (90;50) = 3,5%; P5 (50;50) = 2,5%; P6 (50;25) = 1,9%; P7 (25;25) = 1,5%

HE4 280S4 75kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 96,0% at 50Hz - 96,2% at 60 Hz 75%: 96,2% at 50Hz - 96,0% at 60 Hz 50%: 93,1% at 50Hz - 92,9% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE4
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE4 280S4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 75 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 1490 - 1780 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 4,4%; P2 (50;100) = 3,4%; P3 (25;100) = 2,9%; P4 (90;50) = 2,7%; P5 (50;50) = 1,8%; P6 (50;25) = 1,5%; P7 (25;25) = 1,1%

HE4 280M4 90kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 96,1% at 50Hz - 96,2% at 60 Hz 75%: 96,3% at 50Hz - 96,1% at 60 Hz 50%: 93,2% at 50Hz - 93,0% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE4
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE4 280M4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 90 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 1490 - 1780 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 4,3%; P2 (50;100) = 3,4%; P3 (25;100) = 3,0%; P4 (90;50) = 2,4%; P5 (50;50) = 1,7%; P6 (50;25) = 1,3%; P7 (25;25) = 1,1%

HE4 315S4 110kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 96,3% at 50Hz - 96,2% at 60 Hz 75%: 96,5% at 50Hz - 96,3% at 60 Hz 50%: 93,5% at 50Hz - 93,2% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE4
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE4 315S4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 110 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 1480 - 1780 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 3,8%; P2 (50;100) = 2,9%; P3 (25;100) = 2,5%; P4 (90;50) = 2,3%; P5 (50;50) = 1,6%; P6 (50;25) = 1,3%; P7 (25;25) = 1,0%

HE3-HE3Z 160M6 7,5kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 89,1% at 50Hz - 91,0% at 60 Hz 75%: 89,3% at 50Hz - 90,5% at 60 Hz 50%: 88,3% at 50Hz - 88,9% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3-HE3Z 160M6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 7,5 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 970 - 1175 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 13,6%; P2 (50;100) = 11,0%; P3 (25;100) = 9,7%; P4 (90;50) = 8,0%; P5 (50;50) = 6,1%; P6 (50;25) = 4,9%; P7 (25;25) = 4,1%

HE3-HE3Z 160L6 11kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 90,3% at 50Hz - 91,7% at 60 Hz 75%: 90,2% at 50Hz - 91,5% at 60 Hz 50%: 89,6% at 50Hz - 90,3% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3-HE3Z 160L6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 11 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 970 - 1175 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 12,7%; P2 (50;100) = 10,3%; P3 (25;100) = 9,2%; P4 (90;50) = 7,1%; P5 (50;50) = 5,5%; P6 (50;25) = 4,2%; P7 (25;25) = 3,6%

HE3-HE3Z 180L6 15kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 91,2% at 50Hz - 91,7% at 60 Hz 75%: 91,5% at 50Hz - 92,3% at 60 Hz 50%: 90,7% at 50Hz - 91,0% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3-HE3Z 180L6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 15 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 980 - 1185 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 10,6%; P2 (50;100) = 8,6%; P3 (25;100) = 7,7%; P4 (90;50) = 6,1%; P5 (50;50) = 4,6%; P6 (50;25) = 3,6%; P7 (25;25) = 3,0%

HE3-HE3Z 200LR6 18,5kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 91,7% at 50Hz - 93,0% at 60 Hz 75%: 92,4% at 50Hz - 91,9% at 60 Hz 50%: 90,9% at 50Hz - 90,2% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3-HE3Z 200LR6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 18,5 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 985 - 1185 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 9,6%; P2 (50;100) = 7,6%; P3 (25;100) = 6,8%; P4 (90;50) = 6,1%; P5 (50;50) = 4,4%; P6 (50;25) = 3,6%; P7 (25;25) = 2,9%

HE3-HE3Z 200L6 22kW

Nr.	Information
1	<p>Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place:</p> <p>100%: 92,2% at 50Hz - 93,0% at 60 Hz 75%: 92,1% at 50Hz - 92,7% at 60 Hz 50%: 90,9% at 50Hz - 91,2% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4':</p> <p>IE3</p>
3	<p>Manufacturer's name or trade mark, commercial registration number and address:</p> <p>Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy</p>
4	<p>Product's model identifier:</p> <p>HE3-HE3Z 200L6</p>
5	<p>Number of poles of the motor:</p> <p>6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW):</p> <p>22 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz):</p> <p>50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V):</p> <p>400V(Δ) - 460V(Δ)</p>
9	<p>The rated speed(s) or range of rated speed (rpm):</p> <p>985 - 1185 rpm</p>
10	<p>Single-phase or three-phase:</p> <p>Three-phase</p>
11	<p>Information on the range of operating conditions for which the motor is designed:</p> <p>(a) altitudes above sea-level: 0 - 1000 m a.s.l.</p> <p>(b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C</p> <p>(c) water coolant temperature at the inlet to the product, where applicable: Not applicable</p> <p>(d) maximum operating temperature: Insulation class F 155°C</p> <p>(e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere</p>
12	<p>If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt:</p> <p>The motor is in the scope of Regulation</p>
13	<p>The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points.</p> <p>Point numbering is according to IEC 60034-2-3 standard:</p> <p>P1 (90;100) = 9,4%; P2 (50;100) = 7,6%; P3 (25;100) = 6,8%; P4 (90;50) = 5,8%; P5 (50;50) = 4,3%; P6 (50;25) = 3,5%; P7 (25;25) = 2,8%</p>

HE3 225M6 30kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 92,9% at 50Hz - 94,1% at 60 Hz 75%: 93,0% at 50Hz - 94,2% at 60 Hz 50%: 90,1% at 50Hz - 91,3% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3 225M6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 30 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 985 - 1180 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 9,2%; P2 (50;100) = 7,3%; P3 (25;100) = 6,5%; P4 (90;50) = 5,0%; P5 (50;50) = 3,8%; P6 (50;25) = 2,9%; P7 (25;25) = 2,4%

HE3 250M6 37kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 93,3% at 50Hz - 94,1% at 60 Hz 75%: 93,4% at 50Hz - 94,2% at 60 Hz 50%: 90,5% at 50Hz - 91,3% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3 250M6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 37 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 985 - 1180 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 8,3%; P2 (50;100) = 6,8%; P3 (25;100) = 6,0%; P4 (90;50) = 4,7%; P5 (50;50) = 3,5%; P6 (50;25) = 2,7%; P7 (25;25) = 2,2%

HE3 280S6 45kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 93,7% at 50Hz - 94,5% at 60 Hz 75%: 93,8% at 50Hz - 94,6% at 60 Hz 50%: 90,9% at 50Hz - 91,7% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3 280S6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 45 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 990 - 1185 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 7,6%; P2 (50;100) = 6,2%; P3 (25;100) = 5,5%; P4 (90;50) = 4,3%; P5 (50;50) = 3,2%; P6 (50;25) = 2,4%; P7 (25;25) = 2,0%

HE3 280M6 55kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 94,1% at 50Hz - 94,5% at 60 Hz 75%: 94,2% at 50Hz - 94,6% at 60 Hz 50%: 91,3% at 50Hz - 91,7% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE3
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE3 280M6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 55 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 990 - 1185 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 7,0%; P2 (50;100) = 5,6%; P3 (25;100) = 5,0%; P4 (90;50) = 4,1%; P5 (50;50) = 3,0%; P6 (50;25) = 2,3%; P7 (25;25) = 1,8%

HE4 315S6 75kW

Nr.	Information
1	Rated efficiency (η_N) at the full, 75 % and 50 % rated load and voltage (U_N), determined based on 25 °C ambient reference temperature, rounded to one decimal place: 100%: 95,4% at 50Hz - 95,8% at 60 Hz 75%: 95,6% at 50Hz - 95,4% at 60 Hz 50%: 92,5% at 50Hz - 92,3% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE4
3	Manufacturer's name or trade mark, commercial registration number and address: Rossi S.p.A. EORI code n° IT07184950157 Via Emilia Ovest 915/A - 41123 Modena -Italy
4	Product's model identifier: HE4 315S6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 75 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz
8	The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)
9	The rated speed(s) or range of rated speed (rpm): 985 - 1180 rpm
10	Single-phase or three-phase: Three-phase
11	Information on the range of operating conditions for which the motor is designed: (a) altitudes above sea-level: 0 - 1000 m a.s.l. (b) minimum and maximum ambient air temperatures including for motors with air cooling: -15°C / +40°C (c) water coolant temperature at the inlet to the product, where applicable: Not applicable (d) maximum operating temperature: Insulation class F 155°C (e) potentially explosive atmospheres: Not suitable for installation in an explosive atmosphere
12	If the motor is considered exempt from efficiency requirement in accordance with Article 2(2) of this Regulation, the specific reason why it is considered exempt: The motor is in the scope of Regulation
13	The power losses expressed in percentage (%) of the rated output power at the following different operating points for speed versus torque: (25;25) (25;100) (50;25) (50;50) (50;100) (90;50) (90;100) determined based on 25 °C ambient reference temperature, rounded to one decimal place; if the motor is not suited for operation at any of the operating points for speed versus torque above, then 'N.A.' or 'Not Applicable' should be indicated for such points. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 5,1%; P2 (50;100) = 4,0%; P3 (25;100) = 3,5%; P4 (90;50) = 2,9%; P5 (50;50) = 2,1%; P6 (50;25) = 1,6%; P7 (25;25) = 1,3%