

HB2-HB2Z-HB2F-HB2V 63A2 0,18kW

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%: 68,7% at 50Hz - 66,0% at 60 Hz 75%: 66,6% at 50Hz - 62,5% at 60 Hz 50%: 60,7% at 50Hz - 54,0% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE2
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: HB2-HB2Z-HB2F-HB2V 63A2
5	Number of poles of the motor: 2
6	The rated power output(s) P_N or range of rated power output (kW): 0,18 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2800 - 3430 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) = 47,9%; P2 (50;100) = 41,4%; P3 (25;100) = 38,7%; P4 (90;50) = 37,1%; P5 (50;50) = 30,8%; P6 (50;25) = 28,1%; P7 (25;25) = 25,5%

HB2-HB2Z-HB2F-HB2V 63B2 0,25kW	
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%: 70,5% at 50Hz - 72,0% at 60 Hz 75%: 68,9% at 50Hz - 69,6% at 60 Hz 50%: 63,1% at 50Hz - 63,3% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4':</p> <p>IE2</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>HB2-HB2Z-HB2F-HB2V 63B2</p>
5	<p>Number of poles of the motor:</p> <p>2</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW):</p> <p>0,25 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>230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm):</p> <p>2780 - 3420 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) = 44,0%; P2 (50;100) = 38,9%; P3 (25;100) = 36,8%; P4 (90;50) = 33,5%; P5 (50;50) = 28,7%; P6 (50;25) = 26,1%; P7 (25;25) = 24,2%</p>

HB2-HB2Z-HB2F-HB2V 63C2 0,37kW

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: 100%: 73,3% at 50Hz - 75,0% at 60 Hz 75%: 72,4% at 50Hz - 73,5% at 60 Hz 50%: 67,3% at 50Hz - 68,1% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE2</p>
3	<p>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</p>
4	<p>Product's model identifier: HB2-HB2Z-HB2F-HB2V 63C2</p>
5	<p>Number of poles of the motor: 2</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 0,37 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 2790 - 3430 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 37,4%; P2 (50;100) = 32,9%; P3 (25;100) = 31,0%; P4 (90;50) = 26,8%; P5 (50;50) = 22,6%; P6 (50;25) = 20,1%; P7 (25;25) = 18,4%</p>

HB2-HB2Z-HB2F-HB2V 71A2 0,37kW

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%: 75,0% at 50Hz - 76,0% at 60 Hz 75%: 74,7% at 50Hz - 74,2% at 60 Hz 50%: 70,8% at 50Hz - 68,9% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE2
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: HB2-HB2Z-HB2F-HB2V 71A2
5	Number of poles of the motor: 2
6	The rated power output(s) P_N or range of rated power output (kW): 0,37 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2800 - 3430 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) = 33,7%; P2 (50;100) = 27,9%; P3 (25;100) = 25,7%; P4 (90;50) = 21,1%; P5 (50;50) = 15,8%; P6 (50;25) = 12,8%; P7 (25;25) = 10,7%

HB2-HB2Z-HB2F-HB2V 71B2 0,55kW

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: 100%: 77,3% at 50Hz - 78,0% at 60 Hz 75%: 76,9% at 50Hz - 76,2% at 60 Hz 50%: 72,9% at 50Hz - 71,1% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE2</p>
3	<p>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</p>
4	<p>Product's model identifier: HB2-HB2Z-HB2F-HB2V 71B2</p>
5	<p>Number of poles of the motor: 2</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 0,55 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 2820 - 3440 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 29,2%; P2 (50;100) = 23,8%; P3 (25;100) = 21,8%; P4 (90;50) = 18,6%; P5 (50;50) = 13,5%; P6 (50;25) = 10,9%; P7 (25;25) = 8,9%</p>

HB3-HB3Z-HB3F-HB3V 80A2 0,75kW

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: 100%: 80,7% at 50Hz - 81,0% at 60 Hz 75%: 79,9% at 50Hz - 79,7% at 60 Hz 50%: 76,7% at 50Hz - 75,5% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 80A2</p>
5	<p>Number of poles of the motor: 2</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 0,75 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 2870 - 3490 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 25,2%; P2 (50;100) = 20,7%; P3 (25;100) = 19,0%; P4 (90;50) = 16,5%; P5 (50;50) = 12,3%; P6 (50;25) = 10,2%; P7 (25;25) = 8,6%</p>

HB3-HB3Z-HB3F-HB3V 80B2 1,1kW

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%: 82,7% at 50Hz - 84,3% at 60 Hz 75%: 83,2% at 50Hz - 83,5% at 60 Hz 50%: 81,0% at 50Hz - 80,2% 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: HB3-HB3Z-HB3F-HB3V 80B2
5	Number of poles of the motor: 2
6	The rated power output(s) P_N or range of rated power output (kW): 1,1 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2875 - 3490 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) = 20,7%; P2 (50;100) = 16,6%; P3 (25;100) = 15,1%; P4 (90;50) = 12,4%; P5 (50;50) = 8,7%; P6 (50;25) = 6,7%; P7 (25;25) = 5,4%

HB3-HB3Z-HB3F-HB3V 90S2 1,5kW

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%: 84,2% at 50Hz - 85,5% at 60 Hz 75%: 84,5% at 50Hz - 84,5% at 60 Hz 50%: 83,3% at 50Hz - 81,8% 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: HB3-HB3Z-HB3F-HB3V 90S2
5	Number of poles of the motor: 2
6	The rated power output(s) P_N or range of rated power output (kW): 1,5 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2890 - 3505 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) = 19,5%; P2 (50;100) = 15,1%; P3 (25;100) = 13,4%; P4 (90;50) = 10,7%; P5 (50;50) = 7,3%; P6 (50;25) = 5,3%; P7 (25;25) = 4,2%

HB3-HB3Z-HB3F-HB3V 90LA2 2,2kW

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%: 85,9% at 50Hz - 86,6% at 60 Hz 75%: 86,2% at 50Hz - 86,4% at 60 Hz 50%: 85,1% at 50Hz - 84,3% 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: HB3-HB3Z-HB3F-HB3V 90LA2
5	Number of poles of the motor: 2
6	The rated power output(s) P_N or range of rated power output (kW): 2,2 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2890 - 3505 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) = 17,3%; P2 (50;100) = 13,6%; P3 (25;100) = 12,1%; P4 (90;50) = 9,6%; P5 (50;50) = 6,8%; P6 (50;25) = 5,0%; P7 (25;25) = 4,0%

HB3-HB3Z-HB3F-HB3V 100LA2 3,0kW

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%: 87,1% at 50Hz - 88,5% at 60 Hz 75%: 87,2% at 50Hz - 86,7% at 60 Hz 50%: 85,2% at 50Hz - 83,9% 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: HB3-HB3Z-HB3F-HB3V 100LA2
5	Number of poles of the motor: 2
6	The rated power output(s) P_N or range of rated power output (kW): 3,0 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2930 - 3540 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) = 14,7%; P2 (50;100) = 11,1%; P3 (25;100) = 9,8%; P4 (90;50) = 9,2%; P5 (50;50) = 6,3%; P6 (50;25) = 5,1%; P7 (25;25) = 4,1%

HB3-HB3Z-HB3F-HB3V 112M2 4,0kW

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%: 88,1% at 50Hz - 89,4% at 60 Hz 75%: 88,2% at 50Hz - 89,2% at 60 Hz 50%: 86,7% at 50Hz - 87,5% 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: HB3-HB3Z-HB3F-HB3V 112M2
5	Number of poles of the motor: 2
6	The rated power output(s) P_N or range of rated power output (kW): 4,0 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2940 - 3540 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) = 13,8%; P2 (50;100) = 10,1%; P3 (25;100) = 8,7%; P4 (90;50) = 8,1%; P5 (50;50) = 5,1%; P6 (50;25) = 3,9%; P7 (25;25) = 2,9%

HB3-HB3Z-HB3F-HB3V 132S2 5,5kW

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%: 89,2% at 50Hz - 89,5% at 60 Hz 75%: 88,6% at 50Hz - 87,1% at 60 Hz 50%: 85,6% at 50Hz - 83,2% 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: HB3-HB3Z-HB3F-HB3V 132S2
5	Number of poles of the motor: 2
6	The rated power output(s) P_N or range of rated power output (kW): 5,5 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2960 - 3560 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) = 11,9%; P2 (50;100) = 8,0%; P3 (25;100) = 6,5%; P4 (90;50) = 8,8%; P5 (50;50) = 5,2%; P6 (50;25) = 4,5%; P7 (25;25) = 3,3%

HB3-HB3Z-HB3F-HB3V 132SB2 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%: 90,1% at 50Hz - 90,6% at 60 Hz 75%: 89,9% at 50Hz - 89,2% at 60 Hz 50%: 87,3% at 50Hz - 85,1% 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: HB3-HB3Z-HB3F-HB3V 132SB2
5	Number of poles of the motor: 2
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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2960 - 3560 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) = 10,5%; P2 (50;100) = 7,3%; P3 (25;100) = 6,0%; P4 (90;50) = 7,7%; P5 (50;50) = 4,7%; P6 (50;25) = 4,1%; P7 (25;25) = 2,9%

HB3-HB3Z-HB3F-HB3V 132SC2 9,2kW

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%: 90,7% at 50Hz - 90,7% at 60 Hz 75%: 89,9% at 50Hz - 89,5% at 60 Hz 50%: 87,4% at 50Hz - 86,6% 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: HB3-HB3Z-HB3F-HB3V 132SC2
5	Number of poles of the motor: 2
6	The rated power output(s) P_N or range of rated power output (kW): 9,2 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2960 - 3560 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) = 10,5%; P2 (50;100) = 7,4%; P3 (25;100) = 6,1%; P4 (90;50) = 7,7%; P5 (50;50) = 4,8%; P6 (50;25) = 4,1%; P7 (25;25) = 3,0%

HB3-HB3Z-HB3F-HB3V 132MA2 11kW

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: 100%: 91,2% at 50Hz - 91,0% at 60 Hz 75%: 90,1% at 50Hz - 89,9% at 60 Hz 50%: 88,4% at 50Hz - 87,8% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 132MA2</p>
5	<p>Number of poles of the motor: 2</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 11 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 2950 - 3550 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 11,1%; P2 (50;100) = 8,1%; P3 (25;100) = 6,9%; P4 (90;50) = 7,2%; P5 (50;50) = 4,7%; P6 (50;25) = 3,9%; P7 (25;25) = 2,9%</p>

HB3-HB3Z-HB3F-HB3V 160SA2 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%: 91,2% at 50Hz - 91,0% at 60 Hz 75%: 90,1% at 50Hz - 89,9% at 60 Hz 50%: 88,4% at 50Hz - 87,8% 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: HB3-HB3Z-HB3F-HB3V 160SA2
5	Number of poles of the motor: 2
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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 2950 - 3550 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) = 11,1%; P2 (50;100) = 8,1%; P3 (25;100) = 6,9%; P4 (90;50) = 7,2%; P5 (50;50) = 4,7%; P6 (50;25) = 3,9%; P7 (25;25) = 2,9%

HB2-HB2Z-HB2F-HB2V 63A4 0,12kW

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%: 61,4% at 50Hz - 64,0% at 60 Hz 75%: 58,9% at 50Hz - 60,4% at 60 Hz 50%: 51,9% at 50Hz - 53,1% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE2
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: HB2-HB2Z-HB2F-HB2V 63A4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 0,12 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 1370 - 1690 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) = 66,2%; P2 (50;100) = 61,2%; P3 (25;100) = 59,0%; P4 (90;50) = 51,7%; P5 (50;50) = 46,8%; P6 (50;25) = 43,2%; P7 (25;25) = 41,1%

HB2-HB2Z-HB2F-HB2V 63B4 0,18kW

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%: 65,0% at 50Hz - 69,0% at 60 Hz 75%: 64,1% at 50Hz - 66,6% at 60 Hz 50%: 58,4% at 50Hz - 60,2% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE2
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: HB2-HB2Z-HB2F-HB2V 63B4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 0,18 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 1350 - 1680 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) = 58,7%; P2 (50;100) = 55,4%; P3 (25;100) = 53,9%; P4 (90;50) = 44,3%; P5 (50;50) = 41,0%; P6 (50;25) = 37,4%; P7 (25;25) = 36,0%

HB2-HB2Z-HB2F-HB2V 63C4 0,25kW

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%: 68,5% at 50Hz - 72,3% at 60 Hz 75%: 67,8% at 50Hz - 70,2% at 60 Hz 50%: 62,8% at 50Hz - 64,4% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE2
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: HB2-HB2Z-HB2F-HB2V 63C4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 0,25 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 1360 - 1690 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) = 48,1%; P2 (50;100) = 45,3%; P3 (25;100) = 44,0%; P4 (90;50) = 33,8%; P5 (50;50) = 31,1%; P6 (50;25) = 27,5%; P7 (25;25) = 26,3%

HB2-HB2Z-HB2F-HB2V 71A4 0,25kW

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: 100%: 68,5% at 50Hz - 70,9% at 60 Hz 75%: 66,6% at 50Hz - 68,0% at 60 Hz 50%: 60,7% at 50Hz - 61,4% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE2</p>
3	<p>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</p>
4	<p>Product's model identifier: HB2-HB2Z-HB2F-HB2V 71A4</p>
5	<p>Number of poles of the motor: 4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 0,25 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 1400 - 1720 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 48,1%; P2 (50;100) = 42,8%; P3 (25;100) = 40,5%; P4 (90;50) = 35,7%; P5 (50;50) = 30,9%; P6 (50;25) = 27,9%; P7 (25;25) = 25,9%</p>

HB2-HB2Z-HB2F-HB2V 71B4 0,37kW

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: 100%: 73,2% at 50Hz - 76,0% at 60 Hz 75%: 72,2% at 50Hz - 73,9% at 60 Hz 50%: 67,3% at 50Hz - 68,4% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE2</p>
3	<p>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</p>
4	<p>Product's model identifier: HB2-HB2Z-HB2F-HB2V 71B4</p>
5	<p>Number of poles of the motor: 4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 0,37 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 1400 - 1720 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 37,5%; P2 (50;100) = 33,5%; P3 (25;100) = 31,8%; P4 (90;50) = 26,2%; P5 (50;50) = 22,5%; P6 (50;25) = 19,8%; P7 (25;25) = 18,2%</p>

HB2-HB2Z-HB2F-HB2V 71C4 0,55kW

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%: 77,1% at 50Hz - 78,8% at 60 Hz 75%: 75,7% at 50Hz - 77,4% at 60 Hz 50%: 72,0% at 50Hz - 72,8% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE2
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: HB2-HB2Z-HB2F-HB2V 71C4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 0,55 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 1400 - 1720 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) = 32,1%; P2 (50;100) = 27,7%; P3 (25;100) = 25,7%; P4 (90;50) = 20,4%; P5 (50;50) = 16,7%; P6 (50;25) = 13,9%; P7 (25;25) = 12,4%

HB2-HB2Z-HB2F-HB2V 80A4 0,55kW

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%: 77,1% at 50Hz - 78,4% at 60 Hz 75%: 76,0% at 50Hz - 76,5% at 60 Hz 50%: 72,0% at 50Hz - 71,4% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE2
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: HB2-HB2Z-HB2F-HB2V 80A4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 0,55 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 1420 - 1740 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) = 30,7%; P2 (50;100) = 25,5%; P3 (25;100) = 23,2%; P4 (90;50) = 19,8%; P5 (50;50) = 15,2%; P6 (50;25) = 12,6%; P7 (25;25) = 10,6%

HB3-HB3Z-HB3F-HB3V 80B4 0,75kW

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: 100%: 82,5% at 50Hz - 84,2% at 60 Hz 75%: 82,2% at 50Hz - 83,8% at 60 Hz 50%: 80,1% at 50Hz - 81,1% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 80B4</p>
5	<p>Number of poles of the motor: 4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 0,75 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 1410 - 1730 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 22,6%; P2 (50;100) = 20,6%; P3 (25;100) = 19,7%; P4 (90;50) = 13,4%; P5 (50;50) = 11,7%; P6 (50;25) = 9,5%; P7 (25;25) = 8,8%</p>

HB3-HB3Z-HB3F-HB3V 90S4 1,1kW

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: 100%: 84,1% at 50Hz - 86,5% at 60 Hz 75%: 84,8% at 50Hz - 85,5% at 60 Hz 50%: 83,6% at 50Hz - 83,3% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 90S4</p>
5	<p>Number of poles of the motor: 4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 1,1 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 1420 - 1735 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 19,0%; P2 (50;100) = 16,7%; P3 (25;100) = 15,7%; P4 (90;50) = 10,6%; P5 (50;50) = 8,5%; P6 (50;25) = 6,5%; P7 (25;25) = 5,6%</p>

HB3-HB3Z-HB3F-HB3V 90L4 1,5kW

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: 100%: 85,3% at 50Hz - 86,5% at 60 Hz 75%: 86,1% at 50Hz - 87,3% at 60 Hz 50%: 85,0% at 50Hz - 85,5% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 90L4</p>
5	<p>Number of poles of the motor: 4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 1,5 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 1430 - 1740 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 19,5%; P2 (50;100) = 17,5%; P3 (25;100) = 16,7%; P4 (90;50) = 10,7%; P5 (50;50) = 9,0%; P6 (50;25) = 6,8%; P7 (25;25) = 6,0%</p>

HB3-HB3Z-HB3F-HB3V 90LB4 1,85kW

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%: 86,0% at 50Hz 75%: 85,3% at 50Hz 50%: 83,4% at 50Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 90LB4</p>
5	<p>Number of poles of the motor: 4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 1,85 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 1425 rpm</p>
10	<p>Single-phase or three-phase: 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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 19,1%; P2 (50;100) = 17,3%; P3 (25;100) = 16,5%; P4 (90;50) = 11,6%; P5 (50;50) = 9,9%; P6 (50;25) = 8,0%; P7 (25;25) = 7,2%</p>

HB3-HB3Z-HB3F-HB3V 100LA4 2,2kW

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%: 86,7% at 50Hz - 89,5% at 60 Hz 75%: 87,2% at 50Hz - 87,7% at 60 Hz 50%: 85,5% at 50Hz - 85,4% 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: HB3-HB3Z-HB3F-HB3V 100LA4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 2,2 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 1440 - 1750 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) = 16,4%; P2 (50;100) = 14,4%; P3 (25;100) = 13,4%; P4 (90;50) = 9,9%; P5 (50;50) = 8,0%; P6 (50;25) = 6,4%; P7 (25;25) = 5,5%

HB3-HB3Z-HB3F-HB3V 112MA4 3,0kW

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%: 88,7% at 50Hz - 89,5% at 60 Hz 75%: 88,6% at 50Hz - 89,5% at 60 Hz 50%: 87,3% at 50Hz - 87,5% 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: HB3-HB3Z-HB3F-HB3V 112MA4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 3,0 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 1450 - 1760 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) = 11,6%; P3 (25;100) = 10,7%; P4 (90;50) = 7,8%; P5 (50;50) = 5,9%; P6 (50;25) = 4,5%; P7 (25;25) = 3,7%

HB3-HB3Z-HB3F-HB3V 112M4 4,0kW

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: 100%: 88,6% at 50Hz - 89,5% at 60 Hz 75%: 89,2% at 50Hz - 90,0% at 60 Hz 50%: 88,0% at 50Hz - 87,9% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 112M4</p>
5	<p>Number of poles of the motor: 4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 4,0 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 1450 - 1760 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 12,8%; P2 (50;100) = 11,3%; P3 (25;100) = 10,5%; P4 (90;50) = 7,6%; P5 (50;50) = 6,2%; P6 (50;25) = 5,0%; P7 (25;25) = 4,3%</p>

HB3-HB3Z-HB3F-HB3V 132S4 5,5kW	
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%: 89,6% at 50Hz - 91,7% at 60 Hz 75%: 89,5% at 50Hz - 90,2% at 60 Hz 50%: 87,6% at 50Hz - 88,2% 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>HB3-HB3Z-HB3F-HB3V 132S4</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>5,5 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>230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm):</p> <p>1470 - 1770 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) = 11,5%; P2 (50;100) = 9,5%; P3 (25;100) = 8,6%; P4 (90;50) = 7,4%; P5 (50;50) = 5,6%; P6 (50;25) = 4,7%; P7 (25;25) = 3,9%</p>

HB3-HB3Z-HB3F-HB3V 132M4 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%: 90,4% at 50Hz - 91,7% at 60 Hz 75%: 90,4% at 50Hz - 90,9% at 60 Hz 50%: 89,6% at 50Hz - 89,4% 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: HB3-HB3Z-HB3F-HB3V 132M4
5	Number of poles of the motor: 4
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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 1460 - 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) = 11,5%; P2 (50;100) = 9,5%; P3 (25;100) = 8,7%; P4 (90;50) = 6,9%; P5 (50;50) = 5,2%; P6 (50;25) = 4,2%; P7 (25;25) = 3,5%

HB3-HB3Z-HB3F-HB3V 132MB4 9,2kW

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: 100%: 91,0% at 50Hz - 91,7% at 60 Hz 75%: 90,8% at 50Hz - 91,8% at 60 Hz 50%: 90,1% at 50Hz - 90,5% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 132MB4</p>
5	<p>Number of poles of the motor: 4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 9,2 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 1460 - 1760 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 11,8%; P2 (50;100) = 10,3%; P3 (25;100) = 9,7%; P4 (90;50) = 6,8%; P5 (50;50) = 5,7%; P6 (50;25) = 4,5%; P7 (25;25) = 4,0%</p>

HB3-HB3Z 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%: 92,4% at 50Hz - 92,7% at 60 Hz 50%: 91,9% 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: HB3-HB3Z 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 - 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) = 9,7%; P2 (50;100) = 8,0%; P3 (25;100) = 7,2%; P4 (90;50) = 5,4%; P5 (50;50) = 4,2%; P6 (50;25) = 3,2%; P7 (25;25) = 2,8%

HB3-HB3Z 160L4 15kW

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: 100%: 92,1% at 50Hz - 93,0% at 60 Hz 75%: 93,0% at 50Hz - 93,3% at 60 Hz 50%: 92,8% at 50Hz - 92,7% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z 160L4</p>
5	<p>Number of poles of the motor: 4</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 15 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 1470 - 1770 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 9,1%; P2 (50;100) = 7,5%; P3 (25;100) = 6,8%; P4 (90;50) = 4,9%; P5 (50;50) = 3,8%; P6 (50;25) = 2,9%; P7 (25;25) = 2,4%</p>

HB3-HB3Z 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%: 93,0% at 50Hz - 93,1% at 60 Hz 50%: 92,6% at 50Hz - 92,1% 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: HB3-HB3Z 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): 1475 - 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) = 8,6%; P2 (50;100) = 6,8%; P3 (25;100) = 5,9%; P4 (90;50) = 4,8%; P5 (50;50) = 3,5%; P6 (50;25) = 2,7%; P7 (25;25) = 2,2%

HB3-HB3Z 180L4 22kW

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%: 93,0% at 50Hz - 93,6% at 60 Hz 75%: 93,2% at 50Hz - 93,5% at 60 Hz 50%: 92,6% 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: HB3-HB3Z 180L4
5	Number of poles of the motor: 4
6	The rated power output(s) P_N or range of rated power output (kW): 22 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): 1475 - 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) = 8,1%; P2 (50;100) = 6,3%; P3 (25;100) = 5,5%; P4 (90;50) = 4,7%; P5 (50;50) = 3,4%; P6 (50;25) = 2,7%; P7 (25;25) = 2,2%

HB2-HB2Z-HB2F-HB2V 63B6 0,12kW	
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%: 52,2% at 50Hz - 55,8% at 60 Hz 75%: 48,3% at 50Hz - 50,7% at 60 Hz 50%: 40,1% at 50Hz - 41,7% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4':</p> <p>IE2</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>HB2-HB2Z-HB2F-HB2V 63B6</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>0,12 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>230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm):</p> <p>900 - 1120 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) = 93,0%; P2 (50;100) = 86,2%; P3 (25;100) = 83,1%; P4 (90;50) = 80,2%; P5 (50;50) = 73,8%; P6 (50;25) = 70,7%; P7 (25;25) = 67,8%</p>

HB2-HB2Z-HB2F-HB2V 63C6 0,15kW	
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%: 55,6% at 50Hz - 58,0% at 60 Hz 75%: 53,2% at 50Hz - 55,3% at 60 Hz 50%: 46,0% at 50Hz - 47,6% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4':</p> <p>IE2</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>HB2-HB2Z-HB2F-HB2V 63C6</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>0,15 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>230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm):</p> <p>875 - 1100 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) = 83,5%; P2 (50;100) = 79,0%; P3 (25;100) = 76,9%; P4 (90;50) = 67,1%; P5 (50;50) = 62,6%; P6 (50;25) = 58,5%; P7 (25;25) = 56,5%</p>

HB2-HB2Z-HB2F-HB2V 71A6 0,18kW

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: 100%: 59,5% at 50Hz - 62,6% at 60 Hz 75%: 57,1% at 50Hz - 58,7% at 60 Hz 50%: 49,8% at 50Hz - 50,9% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE2</p>
3	<p>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</p>
4	<p>Product's model identifier: HB2-HB2Z-HB2F-HB2V 71A6</p>
5	<p>Number of poles of the motor: 6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 0,18 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 900 - 1120 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 70,6%; P2 (50;100) = 65,1%; P3 (25;100) = 62,5%; P4 (90;50) = 56,2%; P5 (50;50) = 51,0%; P6 (50;25) = 47,5%; P7 (25;25) = 45,2%</p>

HB2-HB2Z-HB2F-HB2V 71B6 0,25kW

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: 100%: 61,8% at 50Hz - 64,9% at 60 Hz 75%: 59,7% at 50Hz - 61,4% at 60 Hz 50%: 52,9% at 50Hz - 53,9% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE2</p>
3	<p>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</p>
4	<p>Product's model identifier: HB2-HB2Z-HB2F-HB2V 71B6</p>
5	<p>Number of poles of the motor: 6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 0,25 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 900 - 1120 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 64,1%; P2 (50;100) = 58,7%; P3 (25;100) = 56,2%; P4 (90;50) = 49,2%; P5 (50;50) = 44,2%; P6 (50;25) = 40,5%; P7 (25;25) = 38,2%</p>

HB2-HB2Z-HB2F-HB2V 71C6 0,37kW

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: 100%: 67,6% at 50Hz - 70,9% at 60 Hz 75%: 66,1% at 50Hz - 68,8% at 60 Hz 50%: 61,0% at 50Hz - 62,7% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE2</p>
3	<p>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</p>
4	<p>Product's model identifier: HB2-HB2Z-HB2F-HB2V 71C6</p>
5	<p>Number of poles of the motor: 6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 0,37 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 895 - 1120 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 51,7%; P2 (50;100) = 47,5%; P3 (25;100) = 45,6%; P4 (90;50) = 35,3%; P5 (50;50) = 31,6%; P6 (50;25) = 27,6%; P7 (25;25) = 25,9%</p>

HB2-HB2Z-HB2F-HB2V 80A6 0,37kW

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%: 67,6% at 50Hz - 68,4% at 60 Hz 75%: 64,0% at 50Hz - 65,4% at 60 Hz 50%: 57,8% at 50Hz - 58,3% at 60 Hz
2	Efficiency level: 'IE2' 'IE3' or 'IE4': IE2
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: HB2-HB2Z-HB2F-HB2V 80A6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 0,37 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): 230/400V - 265/460V
9	The rated speed(s) or range of rated speed (rpm): 910 - 1130 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) = 53,8%; P2 (50;100) = 48,0%; P3 (25;100) = 45,4%; P4 (90;50) = 39,5%; P5 (50;50) = 34,2%; P6 (50;25) = 30,7%; P7 (25;25) = 28,4%

HB2-HB2Z-HB2F-HB2V 80B6 0,55kW	
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%: 73,1% at 50Hz - 75,7% at 60 Hz 75%: 72,2% at 50Hz - 73,8% at 60 Hz 50%: 67,7% at 50Hz - 68,4% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4':</p> <p>IE2</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>HB2-HB2Z-HB2F-HB2V 80B6</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>0,55 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>230/400V - 265/460V</p>
9	<p>The rated speed(s) or range of rated speed (rpm):</p> <p>930 - 1140 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) = 37,6%; P2 (50;100) = 32,5%; P3 (25;100) = 30,1%; P4 (90;50) = 25,1%; P5 (50;50) = 20,6%; P6 (50;25) = 17,6%; P7 (25;25) = 15,7%</p>

HB3-HB3Z-HB3F-HB3V 90S6 0,75kW

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%: 78,9% at 50Hz 75%: 76,0% at 50Hz 50%: 73,0% at 50Hz
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: HB3-HB3Z-HB3F-HB3V 90S6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 0,75 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz
8	The rated voltage(s) or range of rated voltage (V): 230/400V
9	The rated speed(s) or range of rated speed (rpm): 930 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) = 34,4%; P2 (50;100) = 30,7%; P3 (25;100) = 29,0%; P4 (90;50) = 22,3%; P5 (50;50) = 19,1%; P6 (50;25) = 16,2%; P7 (25;25) = 14,7%

HB3-HB3Z-HB3F-HB3V 90L6 1,1kW

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: 100%: 81,0% at 50Hz 75%: 79,0% at 50Hz 50%: 77,0% at 50Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 90L6</p>
5	<p>Number of poles of the motor: 6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 1,1 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 930 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 29,8%; P2 (50;100) = 26,8%; P3 (25;100) = 25,4%; P4 (90;50) = 18,0%; P5 (50;50) = 15,4%; P6 (50;25) = 12,6%; P7 (25;25) = 11,5%</p>

HB3-HB3Z-HB3F-HB3V 100LA6 1,5kW

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%: 82,5% at 50Hz 75%: 82,4% at 50Hz 50%: 80,4% at 50Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 100LA6</p>
5	<p>Number of poles of the motor: 6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 1,5 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 950 rpm</p>
10	<p>Single-phase or three-phase: 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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 23,1%; P2 (50;100) = 20,1%; P3 (25;100) = 18,7%; P4 (90;50) = 13,9%; P5 (50;50) = 11,3%; P6 (50;25) = 9,2%; P7 (25;25) = 8,0%</p>

HB3-HB3Z-HB3F-HB3V 112M6 2,2kW

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%: 84,3% at 50Hz 75%: 85,0% at 50Hz 50%: 83,2% at 50Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 112M6</p>
5	<p>Number of poles of the motor: 6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 2,2 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 960 rpm</p>
10	<p>Single-phase or three-phase: 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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 19,0%; P2 (50;100) = 16,4%; P3 (25;100) = 15,2%; P4 (90;50) = 11,7%; P5 (50;50) = 9,5%; P6 (50;25) = 7,8%; P7 (25;25) = 6,9%</p>

HB3-HB3Z-HB3F-HB3V 132S6 3,0kW

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%: 85,6% at 50Hz 75%: 88,0% at 50Hz 50%: 86,3% at 50Hz
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: HB3-HB3Z-HB3F-HB3V 132S6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 3,0 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz
8	The rated voltage(s) or range of rated voltage (V): 230/400V
9	The rated speed(s) or range of rated speed (rpm): 970 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) = 14,3%; P2 (50;100) = 12,3%; P3 (25;100) = 11,4%; P4 (90;50) = 8,9%; P5 (50;50) = 7,1%; P6 (50;25) = 5,8%; P7 (25;25) = 5,1%

HB3-HB3Z-HB3F-HB3V 132M6 4,0kW

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: 100%: 86,8% at 50Hz 75%: 88,3% at 50Hz 50%: 86,3% at 50Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z-HB3F-HB3V 132M6</p>
5	<p>Number of poles of the motor: 6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 4,0 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 230/400V</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 970 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 14,0%; P2 (50;100) = 11,5%; P3 (25;100) = 10,3%; P4 (90;50) = 8,8%; P5 (50;50) = 6,7%; P6 (50;25) = 5,6%; P7 (25;25) = 4,6%</p>

HB3-HB3Z-HB3F-HB3V 132MB6 5,5kW

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%: 88,0% at 50Hz 75%: 89,3% at 50Hz 50%: 88,7% at 50Hz
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: HB3-HB3Z-HB3F-HB3V 132MB6
5	Number of poles of the motor: 6
6	The rated power output(s) P_N or range of rated power output (kW): 5,5 kW
7	The rated input frequency(s) of the motor (Hz): 50 Hz
8	The rated voltage(s) or range of rated voltage (V): 230/400V
9	The rated speed(s) or range of rated speed (rpm): 970 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) = 14,3%; P2 (50;100) = 12,8%; P3 (25;100) = 12,2%; P4 (90;50) = 8,2%; P5 (50;50) = 7,1%; P6 (50;25) = 5,6%; P7 (25;25) = 5,2%

HB3-HB3Z 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%: 90,7% at 50Hz - 91,5% at 60 Hz 50%: 90,1% at 50Hz - 90,4% 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: HB3-HB3Z 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 - 1170 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) = 12,4%; P2 (50;100) = 11,0%; P3 (25;100) = 10,4%; P4 (90;50) = 6,9%; P5 (50;50) = 5,7%; P6 (50;25) = 4,4%; P7 (25;25) = 3,9%

HB3-HB3Z 160L6 11kW

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: 100%: 90,3% at 50Hz - 91,7% at 60 Hz 75%: 91,0% at 50Hz - 91,7% at 60 Hz 50%: 90,4% at 50Hz - 90,5% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z 160L6</p>
5	<p>Number of poles of the motor: 6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 11 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 970 - 1170 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 11,8%; P2 (50;100) = 10,4%; P3 (25;100) = 9,8%; P4 (90;50) = 6,7%; P5 (50;50) = 5,5%; P6 (50;25) = 4,3%; P7 (25;25) = 3,7%</p>

HB3-HB3Z 180L6 15kW

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: 100%: 91,2% at 50Hz - 91,7% at 60 Hz 75%: 92,4% at 50Hz - 92,8% at 60 Hz 50%: 91,9% at 50Hz - 91,8% at 60 Hz</p>
2	<p>Efficiency level: 'IE2' 'IE3' or 'IE4': IE3</p>
3	<p>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</p>
4	<p>Product's model identifier: HB3-HB3Z 180L6</p>
5	<p>Number of poles of the motor: 6</p>
6	<p>The rated power output(s) P_N or range of rated power output (kW): 15 kW</p>
7	<p>The rated input frequency(s) of the motor (Hz): 50 Hz - 60 Hz</p>
8	<p>The rated voltage(s) or range of rated voltage (V): 400V(Δ) - 460V(Δ)</p>
9	<p>The rated speed(s) or range of rated speed (rpm): 975 - 1180 rpm</p>
10	<p>Single-phase or three-phase: Three-phase</p>
11	<p>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</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: 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. Point numbering is according to IEC 60034-2-3 standard: P1 (90;100) = 9,6%; P2 (50;100) = 8,1%; P3 (25;100) = 7,4%; P4 (90;50) = 5,4%; P5 (50;50) = 4,3%; P6 (50;25) = 3,3%; P7 (25;25) = 2,8%</p>