

PRODUCT SAFETY DATA SHEET

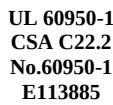
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A CANON COMPANY

identifier OPS-PSDS-047-en-b-CS3200Z
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Model	ColorStream 3200Z (400V)	ColorStream 3200Z (208V)
All technical figures are related to a single printing system		
Description	Electronic printing machine; Inkjet based; 4/4 CMYK full process color	
Max. print speed	324 pages A4 per minutes; 48 m/min at full color print	
Dimensions	Width 7600mm Depth 1800 mm Height 1950 mm	Roll to roll, printer 3500 mm incl. user interface (400 mm)
Weight	approx. 2100 kg	
Surface load	approx. 4200 N/m ²	
Concentrated load	max. 2500 N	
Voltage	400 V - Mains 1	400 V - Mains 2
Frequency	50/60 Hz; 3ph+N+PE	50/60 Hz; 3ph+N+PE
Current-rated	1,7 A / Ph	20,6 A / Ph
Current-max	11 A / Ph	50 A / Ph
Power	300 VA	2800 VA
consumption	1200 VA	14300 VA
Standby In operation		
Mains connection	Class B	
Safety class	I (IEC 61140) Protective earth connection	
Protection class	IP 20 (IEC 60529)	
Radio interference	Complies with Directive 2014/53/EU and FCC rules and regulations, part 15 class A	
Radiation	No radiation outside the printer	
Batterie Type	CR2032 (<3g)	
max. Sound pressure level	Standby: L _{pA} = 64,5 dB(A)	In operation: L _{pA} = < 80,0 dB(A)
Heat emission	Standby: 11232 kJ/h	In operation: 54000 kJ/h
Environmental	Recommended range of operation: Temperature 20°C to 26°C Rel. humidity 40% to 60%	
Room ventilation and exhaust	Ventilation and fresh air: To ensure the ambient temperature remains within the specified range, there must be an adequate supply of cooling air and fresh air to the room in which the printer is installed. Exhaust: To ensure safely kept occupational exposure limits (OELs) an exhaust must be part of the printing system Océ ColorStream.	
Chemical emission	Exhaust air volume: approx. 2000 m ³ /h per tower Room ventilation as recommended Emission at exhaust¹ Total Carbon: up to 300 gC/h Organic Substances Class III / HAP: ~ 0,1 g/h	Workplace Concentration² TVOC: ~ 5 mg/m ³ Dust: ~ 0,2 mg/m ³
Print volume	Monthly print volume (single printing system) Total worktime	2 – 10 Mio A4 pages, full color 24 h
Consumables (availability may be country-dependent) see separate material safety data sheets	Ink cleaner : SU02, SU50 Pigment ink : KP03, CP03, MP03, MP50, YP03, KP51, KP55, CP55, MP55, YP55 Dye ink : KK01, CP01, MP01, YP01 MICR ink : KM03 Fugitive ink : AF01 Invisible ink : TU41	
Marking	Approved according Low Voltage Directive 2014/35 EC ; RED Directive 2014/53/EU ; CE-Compliance	
	Safety of information technology equipment including electrical business equipment EN 60950-1 ../ A2:2013; IEC 60950-1 (ed.2).. am2:2013	
	     	

¹ Emission depends on print job, printer settings and significantly on paper grade. Therefore only a typical range can be indicated. Test conditions on the basis of German Technical Instructions on Air Quality Control.

² Average concentration, additional to background, calculated for installed external suction (the exhaust air blown out above the building roof into outside air) and recommended room ventilation. The workplace concentration for the emission can be kept with an exhaust only.

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