

	M 320F	P 311
GENERAL		
Warm-up time	30 seconds	26 seconds
First output speed: B/W	7.1 seconds	
Continuous output speed	32 ppm	
Memory: standard	256 MB	128 MB
Weight	18 kg	13 kg
Dimensions: W x D x H	405 x 392 x 420 mm	370 x 392 x 262 mm
Power source	220 - 240 V, 50 - 60 Hz	220 - 240 V, 50 - 60 Hz
Laser classification	Class 1 Laser Product (IEC60825 - 1:2014)	
COPIER		
Multiple copying	Up to 99 copies	-
Resolution	1,200 x 600 dpi	-
Zoom	From 25% to 400% in 1% steps	-
PRINTER		
Printer language: standard	PCL5e (MAC), PCL6 (Windows & Linux), PostScript3 (Windows)	
Print resolution: maximum	1,200 x 1,200 dpi	
Network interface: standard	Ethernet 10 base-T/100 base-TX USB2.0 Type B	
Network interface: option	Wireless LAN (IEEE 802.11 a/b/g/n/ac)	
Windows® environments	Windows® 8.1, Windows® 10, Windows® Server 2012, Windows® Server 2012R2, Windows® Server 2016, Windows® Server 2019	
Mac OS environments	Macintosh OS X v10.10 or later	
Other supported environments	Linux environment	
SCANNER		
Scanning: B/W	13 ipm	-
Scanning: full colour	4.5 ipm	-
Resolution: maximum	600 dpi	-
FAX		
Compatibility	ITU-T (CCITT) G3	-
Transmission speed	3 seconds	-
Modem speed: maximum	33.6 Kbps	-
PAPER HANDLING		
Recommended paper size	A4, A5, A6, B5, B6	
Paper input: standard	300 sheets	
Paper input: maximum	550 sheets	
Paper output: standard	50 sheets	125 sheets
Paper weight	52 - 162 g/m ²	
ECOLOGY		
Power consumption: operation	520 W	512 W
Power consumption: ready	69.4 W	63.8 W
Power consumption: sleep	0.868 W	0.725 W
TEC*	0.423 kWh/week	0.408 kWh/week
* It is a reference value based on the ENERGY STAR Ver.3.0 test method.		
OUTPUT TRAYS AND FINISHER OPTIONS		
1x 250-sheet paper tray		
CONSUMABLES		
Starter toner	7,000 prints	
Toner (high yield)	7,000 prints	
Consumable yield measuring method ISO/IEC 19752		

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