# **DOT MATRIX PRINTERS**

# 9-PIN WIDE CARRIAGE FX-2175II/2175IIN/2190II/2190IIN





Discover a new way to print all business documents with Epson's FX-2190II, FX-2190IIN, FX-2175II and FX-2175IIN dot matrix printers. Designed to deliver absolute performance and reliability, these powerful printers offer blazing print speeds of up to 615cps and an MTBF (Mean Time Before Failure) of up to 25,000 POH (Power On Hours). With the built-in network connectivity\* function, printing efficiently is achieved in the most convenient way.







Printing





Effective





Power Savings

Epson genuine ribbons ensure greater yield, better quality and longer lifespan.



#### **Unparalleled Productivity**

Boost productivity with fast print speeds of up to 615 cps (10 cpi) and 128 kb memory buffer.

#### **Rugged Reliability**

Enjoy cost savings, superior print quality and minimal downtime with a MTBF of up to 25,000 POH.

### **Superior Connectivity**

Stay connected and experience fuss-free printing with built-in network connectivity\* via Ethernet cable.

## **SPECIFICATIONS**

### FX-2175II/2175IIN/2190II/2190IIN



MODEL NUMBER		FX-2175II	FX-2	2175IIN	FX-2190II	FX-2	190IIN
Printer Technology							
Printing Method		Impact dot matrix					
Number of Pins in Hea	ad	9 pins					
Print Direction		Bi-direction with logic seeking					
Control Code		ESC/P2, IBM PPD	IS .				
Printer Speed					1		
Ultra Speed Draft	10cpi	496cpi			615 cps		
High Speed Draft	10cpi	496cpi			612 cps		
Draft NLQ	10cpi 10cpi	372dpi 93cpi			463 cps 115 cps		
Print Characteristics		93CPI			115 Cps		
Character Table	•	PC850 (Multilingua	al), PC860 (Portu	tables: Italic table, PC4: Iguese), PC861 (Iceland np, BRASCII, Roman 8,	lic), PC865 (Nordic	;),	
Bitmap Fonts Epson Draft		10, 12, 15 cpi					
Epson Roman / Epson Sans Serif		10, 12, 15 cpi, Pro	portional	N/A			
Scalable Fonts		Epson Roman / Epson Sans Serif					
Barcode Fonts		EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET					
Printable Columns							
Pitch	10срі	136 cpl					
Paper Handling							
Paper Path				pp out), Push Factor (fro	nt or rear in, top ou	ut),	
Papar / Madia		Pull Tractor (front,	Width	Thickness	Llongth	Width	Thickness
Paper / Media Cut Sheet (Single Sh	neet)	Length	WIGHT	HIGHHESS	Length	Width	Thickness
Out Si leet (Sii igle Si	Entry: Front	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	0.065 - 0.14 mm (0.0025 - 0.0055")	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	0.065 - 0.14 mm (0.0025 - 0.0055
	Entry: Rear	100 - 420 mm	100 - 420 mm	, ,	100 - 420 mm	100 - 420 mm	0.065 - 0.14 mm
Cut Sheet (Multi-par	•	(3.9 - 16.5")	(3.9 - 16.5")	(0.0025 - 0.0055")	(3.9 - 16.5")	(3.9 - 16.5")	(0.0025 - 0.0055
out of loot (Walti par	Entry: Front	100 - 420 mm	100 - 420 mm	0.12 - 0.39 mm	100 - 420 mm	100 - 420 mm	0.12 - 0.46 mm
	.,	(3.9 - 16.5")	(3.9 - 16.5")	(0.0047 - 0.015")	(3.9 - 16.5")	(3.9 - 16.5")	(0.0047 - 0.018")
	Entry: Rear	100 - 420 mm	100 - 420 mm		100 - 420 mm	100 - 420 mm	0.12 - 0.46 mm
0	Disarts Obsert (1.4.11)	(3.9 - 16.5")	(3.9 - 16.5")	(0.0047 - 0.015")	(3.9 - 16.5")	(3.9 - 16.5")	(0.0047 - 0.018")
•		101.6 - 558.8 mm			101.6 - 558.8 mm 101.6 - 406.4 mm 0.065 - 0.46 mm (4.0 - 22.0") (4.0 - 16.0") (0.0025 - 0.018")		
F(NIO)	Copies	Original + 4 copies		0.40 0.50	Original + 6 copi		0.40 0.50
Envelope (No.6)	Entry: Rear	92 mm (3.6")	165 mm (6.5")	0.16 - 0.52 mm (0.0063 - 0.0205")	92 mm (3.6")	165 mm (6.5")	0.16 - 0.52 mm (0.0063 - 0.0205)
Envelope (No.10)	Entry: Rear	105 mm (4.1")	241 mm (9.5")	0.16 - 0.52 mm (0.0063 - 0.0205")	105 mm (4.1")	241 mm (9.5")	0.16 - 0.52 mm (0.0063 - 0.0205)
Label (Base Sheet)	Entry: Bottom	101.6 - 558.8 mm (4.0 - 22.0")	` '	mm 0.16 - 0.19 mm (0.0063 - 0.0075")	. ,	. ,	nm 0.16 - 0.19 mm (0.0063 - 0.0075"
Card	Entry: Front / Rear	100 - 148 mm	100 - 148 mm	, ,	100 - 148 mm	100 - 148 mm	0.22 mm
	Zita yi i roric / rioca	(3.9 - 5.8")	(3.9 - 5.8")	(0.0087")	(3.9 - 5.8")	(3.9 - 5.8")	(0.0087")
		Diameter	Width	Thickness	Diameter	Width	Thickness
Roll Paper	Entry: Rear	127mm	216 mm	0.07 - 0.09 mm	127mm	216 mm	0.07 - 0.09 mm
Lina Chaoin=		(5")	(8.5")	(0.0028 - 0.035")	(5")	(8.5")	(0.0028 - 0.035")
Line Spacing Acoustic Noise		4.23mm (1/6") or programmable in increments of 0.059mm (1/432")  56 dB   55 dB					
Acoustic Noise Input Data Buffer		128KB			00 UD		
			ional USB	2.0, Bi-directional	USB 2.0, Bi-dire	84 nibble paral	2.0, Bi-directional lel (IEEE-1284 nibble e supported) Serial,
		USB 2.0, Bi-direct parallel (IEEE-1284 mode supported)	mod	llel (IEEE-1284 nibble e supported) Serial, pase-Tx wired LAN	mode supported		ase-Tx wired LAN
Interface	Standard	parallel (IEEE-1284	mod 100k	e supported) Serial,			
Interface	Standard Ribbon Life	parallel (IEEE-1284 mode supported)	mod 100k tridge (Black)	e supported) Serial,			
nterface		parallel (IEEE-1284 mode supported)  Fabric Ribbon Car	mod 100k tridge (Black)	e supported) Serial,			
Interface Ribbon Cartridge Reliability		parallel (IEEE-1284 mode supported)  Fabric Ribbon Car	tridge (Black) Characters <sup>-1</sup>	e supported) Serial,	mode supported		
Interface Ribbon Cartridge Reliability Mean Print Volume Be	Ribbon Life etween Failure (MVBF)	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million	tridge (Black) Characters <sup>-1</sup> cept print head)	e supported) Serial, pase-Tx wired LAN	mode supported	100b	ase-Tx wired LAN
Interface  Ribbon Cartridge  Reliability  Mean Print Volume Be  Mean Time Between f  Print Head Life	Ribbon Life etween Failure (MVBF)	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (example) (exa	mod 100t tridge (Black) Characters*1 cept print head) Hours (POH) (28	e supported) Serial, pase-Tx wired LAN	mode supported	100b except print head) on Hours (POH) (25	ase-Tx wired LAN
Interface  Ribbon Cartridge  Reliability  Mean Print Volume Be  Mean Time Between f  Print Head Life  Control Panel	Ribbon Life etween Failure (MVBF) Failure (MTBF)	parallel (IEEF-1284 mode supported) Fabric Ribbon Car Approx. 12 million 30 million lines (exe 15,000 Power On	mod 100t tridge (Black) Characters*1 cept print head) Hours (POH) (28	e supported) Serial, pase-Tx wired LAN	mode supported  52 million lines (e  25,000 Power O	100b except print head) on Hours (POH) (25	ase-Tx wired LAN
Ribbon Cartridge Reliability Mean Print Volume Be Mean Time Between I Print Head Life Control Panel Environmental Cone	Ribbon Life etween Failure (MVBF) Failure (MTBF)	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (existing to the support of the support	mod 100t tridge (Black) Characters*1 cept print head) Hours (POH) (28	e supported) Serial, pase-Tx wired LAN	mode supported  52 million lines (e  25,000 Power O	100b except print head) on Hours (POH) (25	ase-Tx wired LAN
Ribbon Cartridge  Reliability Mean Print Volume Be Mean Time Between F Print Head Life Control Panel Environmental Cond Temperature <sup>2</sup>	Ribbon Life etween Failure (MVBF) Failure (MTBF)	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (exx 15,000 Power On 200 million strokes 6 switches and 10 5 - 35 °C	mod 100t tridge (Black) Characters*1 cept print head) Hours (POH) (28	e supported) Serial, pase-Tx wired LAN	mode supported  52 million lines (e  25,000 Power O	100b except print head) on Hours (POH) (25	ase-Tx wired LAN
Ribbon Cartridge  Reliability Mean Print Volume Be Mean Time Between P Print Head Life Control Panel Environmental Cond Temperature <sup>2</sup> Humidity <sup>2</sup>	Ribbon Life  etween Failure (MVBF) Failure (MTBF)  ditions (Operating)	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (existing to the support of the support	mod 100t tridge (Black) Characters*1 cept print head) Hours (POH) (28	e supported) Serial, pase-Tx wired LAN	mode supported  52 million lines (e  25,000 Power O	100b except print head) on Hours (POH) (25	ase-Tx wired LAN
Ribbon Cartridge Reliability Mean Print Volume Be Mean Time Between F Print Head Life Control Panel Environmental Cond Temperature <sup>2</sup> Humidity <sup>2</sup> Electrical Specifical	Ribbon Life  etween Failure (MVBF) Failure (MTBF)  ditions (Operating)	parallel (IEEE-128 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (ex. 15,000 Power On 200 million strokes 6 switches and 10 5 - 35 °C 10 - 80% RH	mod 100t tridge (Black) Characters*1 cept print head) Hours (POH) (28	e supported) Serial, pase-Tx wired LAN	mode supported  52 million lines (e  25,000 Power O	100b except print head) on Hours (POH) (25	ase-Tx wired LAN
Ribbon Cartridge  Reliability Mean Print Volume Be Mean Time Between f Print Head Life Control Panel Environmental Cond Temperature <sup>2</sup> Humidity <sup>2</sup> Electrical Specificat Rated Voltage	Ribbon Life  etween Failure (MVBF) Failure (MTBF)  ditions (Operating)	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (exi 15,000 Power On 200 million strokes 6 switches and 10 5 - 35 °C 10 - 80% RH  AC 220 - 240 V	mod 100t tridge (Black) Characters*1 cept print head) Hours (POH) (28	e supported) Serial, pase-Tx wired LAN	mode supported  52 million lines (e  25,000 Power O	100b except print head) on Hours (POH) (25	ase-Tx wired LAN
Ribbon Cartridge  Reliability Mean Print Volume Between for Print Head Life Control Panel Environmental Concremperature <sup>2</sup> Humdity <sup>2</sup> Electrical Specificat Rated Voltage Rated Frequency	Ribbon Life  etween Failure (MVBF) Failure (MTBF)  ditions (Operating)	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (exi 15,000 Power On 200 million strokes 6 switches and 10 5 - 35 °C 10 - 80% RH  AC 220 - 240 V 50 Hz - 60 Hz	mod 100t tridge (Black) Characters*1 cept print head) Hours (POH) (28	e supported) Serial, pase-Tx wired LAN	mode supported  52 million lines (e  25,000 Power O	100b except print head) on Hours (POH) (25	ase-Tx wired LAN
Ribbon Cartridge  Reliability Mean Print Volume Be Mean Time Between f Print Head Life Control Panel Environmental Cond Temperature <sup>12</sup> Humidity <sup>2</sup> Electrical Specificat Rated Voltage Rated Frequency	Ribbon Life  etween Failure (MVBF) Failure (MTBF)  dittions (Operating)  tion  Operating	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (exi 15,000 Power On 200 million strokes 6 switches and 10 5 - 35 °C 10 - 80% RH  AC 220 - 240 V 50 Hz - 60 Hz 54W	mod 100k Characters <sup>1</sup> cept print head) Hours (POH) (2: //wire LEDs	e supported) Serial, pase-Tx wired LAN	52 million lines (e 25,000 Power O 400 million stroke	except print head) In Hours (POH) (25	ase-Tx wired LAN
nterface Ribbon Cartridge Reliability	Ribbon Life  etween Failure (MVBF) Failure (MTBF)  ditions (Operating)  tion  Operating Sleep Mode	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (exi 15,000 Power On 200 million strokes 6 switches and 10  5 - 35 °C 10 - 80% RH  AC 220 - 240 V 50 Hz - 60 Hz 54W 0.5W	mod 1000 tridge (Black) Characters*1 cept print head) Hours (POH) (24/wire LEDs	e supported) Serial, pase-Tx wired LAN	mode supported  52 million lines (e  25,000 Power O	100b except print head) on Hours (POH) (25	ase-Tx wired LAN
Interface  Ribbon Cartridge  Reliability  Mean Print Volume Be Mean Time Between f Print Head Life Control Panel Environmental Cond Temperature <sup>2</sup> Humidity <sup>2</sup> Electrical Specificat Rated Voltage Rated Frequency Power Consumption	Ribbon Life  etween Failure (MVBF) Failure (MTBF)  ditions (Operating)  tion  Operating Sleep Mode Power Off	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (exi 15,000 Power On 200 million strokes 6 switches and 10 5 - 35 °C 10 - 80% RH  AC 220 - 240 V 50 Hz - 60 Hz 54W	mod 1000 tridge (Black) Characters*1 cept print head) Hours (POH) (24/wire LEDs	e supported) Serial, pase-Tx wired LAN	52 million lines (e 25,000 Power O 400 million stroke	except print head) In Hours (POH) (25	ase-Tx wired LAN
Ribbon Cartridge  Reliability Mean Print Volume Be Mean Time Between f Print Head Life Control Panel Environmental Cond Temperature <sup>2</sup> Humidity <sup>2</sup> Electrical Specificat Rated Voltage Rated Frequency Power Consumption  Supported Operatin	Ribbon Life  etween Failure (MVBF) Failure (MTBF)  ditions (Operating)  tion  Operating Sleep Mode Power Off	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (exc 15,000 Power On 200 million strokes 6 switches and 10 5 - 35 °C 10 - 80% RH  AC 220 - 240 V 50 Hz - 60 Hz 54W 0.5W 0.1W in power off	mod 1000 characters*  Characters*  cept print head) Hours (POH) (29 //wire LEDs  0.8V mode	e supported) Serial, asse-Tx wired LAN  5% Duty)	52 million lines (e 25,000 Power O 400 million stroke	except print head) In Hours (POH) (25	ase-Tx wired LAN
Ribbon Cartridge  Reliability Mean Print Volume Between for Print Head Life Control Panel Environmental Concremperature <sup>2</sup> Humdity <sup>2</sup> Electrical Specificat Rated Voltage Rated Frequency	Ribbon Life  etween Failure (MVBF) Failure (MTBF)  ditions (Operating)  tion  Operating Sleep Mode Power Off	parallel (IEEE-1284 mode supported)  Fabric Ribbon Car Approx. 12 million  30 million lines (exi 15,000 Power On 200 million strokes 6 switches and 10  5 - 35 °C  10 - 80% RH  AC 220 - 240 V  50 Hz - 60 Hz  54W  0.5W  0.1W in power off	mod 100k tridge (Black) Characters* cept print head) Hours (POH) (29/wire LEDs  0.8W mode s XP / Vista / 7 / 7	e supported) Serial, asse-Tx wired LAN  5% Duty)	52 million lines (e 25,000 Power O 400 million stroke	except print head) In Hours (POH) (25	ase-Tx wired LAN



Weight: Approx. 9.4kg (20.8lbs)



#### **Options and Consumables**

Pull Tractor Unit C12C933761
Ribbon Cartridge C13S015584
Single Bin Cut Sheet Feeder C12C806392

#### Legend

cpi Characters per inch (Characters per 25.4mm)

cps Characters per second cpl Character per line

- <sup>\*1</sup> Actual print yield may vary depending on usage purpose and environment
- \*2 Without condensation



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Information correct as at December 2017