

Series 320 – Standard

- **Extremely high flow capacity**
- **One-hand operated**
- **Strong and durable**

Series 320 couplings feature the original high-flow valve design upon which all other CEJN pneumatic couplings are based. Their popularity has made Series 320 a European standard. The Series is easy-to-handle and one-hand operated and offers long service life. Male threads on the couplings and nipples feature pre-applied thread sealant. Lightweight aluminum styles are also available. The Series eSafe 320 version is disconnected in two stages in order to vent the coupling and minimize the risk of sudden component separation, which has the potential to cause operator injury. The one-hand operation ensures easy handling. The eSafe version complies with ISO Standard 4414 and EN 983.

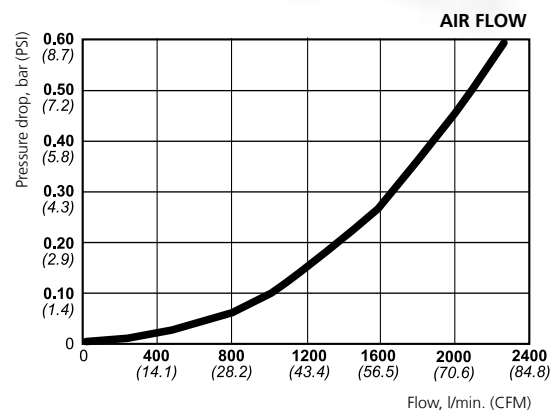
Series 320 is available in eSafe, Lightweight, Soft-Line and Multi-Link versions. Please refer to the CEJN Fluid range for specialized versions of Series 320 with two-way shutoff (Series 324) and stainless steel design (Series 326).



TECHNICAL DATA

Nominal flow diameter	7.6 mm (5/16")
Air flow.....	2100 l/min (74.1 CFM)
Max. working pressure.....	16 bar (232 PSI)
Min. burst pressure.....	140 bar (2030 PSI)
Temperature range	-20°C – +100°C (-4°F – +212°F)
Material coupling.....	Zinc-plated steel/brass
Material nipple.....	Hardened zinc-plated steel
Connection force.....	70.7 N
Markets.....	Global
Standards.....	CEJN Original, Eurostandard, 7.4 mm

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI).



COUPLINGS	Part No.	Connection
HOSE CONNECTION 	10 320 1002	6.3 mm (1/4")
	10 320 1003	8 mm (5/16")
	10 320 1009	9 mm
	10 320 1004	10 mm (3/8")
	10 320 1005	13 mm (1/2")
MALE THREAD 	10 320 1152	R 1/4"
	10 320 1154	R 3/8"
	10 320 1155	R 1/2"
	10 320 1452	NPT 1/4"
	10 320 1454	NPT 3/8"
FEMALE THREAD 	10 320 1455	NPT 1/2"
	10 320 1202	G 1/4"
	10 320 1204	G 3/8"
	10 320 1205	G 1/2"
	10 320 1402	NPT 1/4"
STREAM-LINE CONNECTION 	10 320 1404	NPT 3/8"
	10 320 1405	NPT 1/2"
	10 320 1058	5x8 mm
	10 320 1060	6.5x10 mm
	10 320 1062	8x12 mm
SOFT-LINE COUPLINGS 	10 320 1063	9.5x13.5 mm
	10 320 1066	11x16 mm
HOSE CONNECTION 	10 320 1086	10 mm (3/8")
	10 320 1087	13 mm (1/2")
STREAM-LINE CONNECTION 	10 320 1089	6.5 x 10 mm
	10 320 1090	8 x 12 mm
FEMALE THREAD 	10 320 1246	G 1/4"
	10 320 1247	G 3/8"

NIPPLES	Part No.	Connection
HOSE CONNECTION 	10 320 5001	5 mm (3/16")
	10 320 5002	6.3 mm (1/4")
	10 320 5003	8 mm (5/16")
	10 320 5009	9 mm
	10 320 5004	10 mm (3/8")
MALE THREAD 	10 320 5005	13 mm (1/2")
	10 320 5151	R 1/8"
	10 320 5152	R 1/4"
	10 320 5154	R 3/8"
	10 320 5155	R 1/2"
FEMALE THREAD 	10 320 5263	G 3/8"
	10 320 5264	G 1/2"
	10 320 5265	G 1/2"
	10 320 5451	NPT 1/8"
	10 320 5452	NPT 1/4"
STREAM-LINE CONNECTION 	10 320 5454	NPT 3/8"
	10 320 5455	NPT 1/2"
	10 320 5201	G 1/8"
	10 320 5202	G 1/4"
	10 320 5204	G 3/8"
	10 320 5205	G 1/2"
	10 320 5401	NPT 1/8"
	10 320 5402	NPT 1/4"
	10 320 5404	NPT 3/8"
	10 320 5405	NPT 1/2"
	10 320 5058	5 x 8 mm
	10 320 5060	6.5 x 10 mm
	10 320 5062	8 x 12 mm
	10 320 5063	9.5 x 13.5 mm
	10 320 5066	11 x 16 mm
	10 320 5068	13 x 18 mm

CEJN reserves the right to make changes without further notification. Thread connections are listed according to ISO Standards. Other connections and sealing material on request. Check with an authorized CEJN distributor for availability and prices. Some part numbers may be subject to minimum order quantities. Please visit our website, www.cejn.com, for general maintenance tips.

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Series 320 – eSafe

- Vented safety function
- Extremely high flow capacity
- Strong and durable

eSafe Series 320 coupling is an easy-to-handle high performing coupling with a long service life. eSafe is a one hand operated safety coupling that vents before disconnection eliminating the risk of hose whip. Male threads on the couplings and nipples feature pre-applied thread sealant. The couplings have a smaller outside dimension than comparable designs. Full automatic operation ensures easy handling. eSafe complies with ISO Standard 4414 and EN 983.

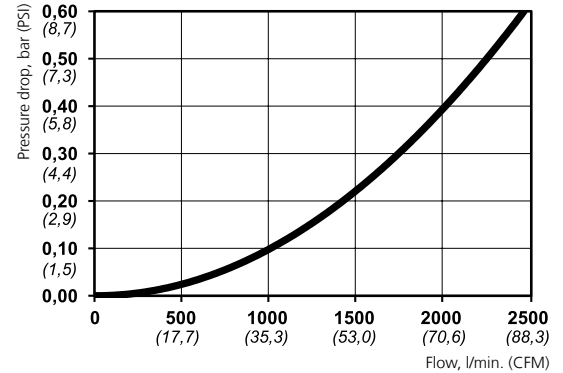
Series 320 is also available in standard, Soft-Line and Multi-Link versions.

eSafe™



CEJN Safety

AIR FLOW



TECHNICAL DATA

Nominal flow diameter	7.6 mm (5/16")
Air flow	2250 l/min (79.4 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2030 PSI)
Temperature range	-20°C – +100°C (-4°F – +212°F)
Material coupling	Zinc-plated steel/brass
Material nipple	Hardened zinc-plated steel
Connection force	86 N
Markets	Global
Standards	CEJN Original, Eurostandard 7.4 mm

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI).

Icon	Part No.	Connection
	HOSE CONNECTION 	10 320 2002 6.3 mm (1/4")
		10 320 2003 8 mm (5/16")
		10 320 2004 10 mm (3/8")
		10 320 2005 13 mm (1/2")
		10 320 2009 9 mm
	MALE THREAD 	10 320 2152 R 1/4"
		10 320 2154 R 3/8"
		10 320 2155 R 1/2"
		10 320 2452 NPT 1/4"
		10 320 2454 NPT 3/8"
	FEMALE THREAD 	10 320 2202 G 1/4"
		10 320 2204 G 3/8"
		10 320 2205 G 1/2"
		10 320 2402 NPT 1/4"
		10 320 2404 NPT 3/8"
STREAM-LINE CONNECTION 	10 320 2058 5 x 8 mm	
	10 320 2060 6.5 x 10 mm	
	10 320 2062 8 x 12 mm	
	10 320 2063 9.5 x 13.5 mm	
	10 320 2066 11 x 16 mm	
ESAFE SOFT-LINE COUPLING 	HOSE CONNECTION	10 320 2086 10 mm (3/8")
		10 320 2087 13 mm (1/2")
	STREAM-LINE CONNECTION 	10 320 2080 6.5 x 10 mm
		10 320 2082 8 x 12 mm
		10 320 2085 11 x 16 mm
		10 320 2088 13 x 18 mm
	FEMALE THREAD 	10 320 2232 G 1/4"
		10 320 2234 G 3/8"
		10 320 2434 NPT 3/8"

Icon	Part No.	Connection
	HOSE CONNECTION 	10 320 5001 5 mm (3/16")
		10 320 5002 6.3 mm (1/4")
		10 320 5003 8 mm (5/16")
		10 320 5009 9 mm
		10 320 5004 10 mm (3/8")
	MALE THREAD 	10 320 5005 13 mm (1/2")
		10 320 5151 R 1/8"
		10 320 5152 R 1/4"
		10 320 5154 R 3/8"
		10 320 5155 R 1/2"
	FEMALE THREAD 	10 320 5263 G 1/4"
		10 320 5264 G 3/8"
		10 320 5265 G 1/2"
		10 320 5451 NPT 1/8"
		10 320 5452 NPT 1/4"
	STREAM-LINE CONNECTION 	10 320 5454 NPT 3/8"
		10 320 5455 NPT 1/2"
		10 320 5201 G 1/8"
		10 320 5202 G 1/4"
		10 320 5204 G 3/8"
	STREAM-LINE CONNECTION	10 320 5205 G 1/2"
		10 320 5401 NPT 1/8"
		10 320 5402 NPT 1/4"
		10 320 5404 NPT 3/8"
		10 320 5405 NPT 1/2"
		10 320 5058 5 x 8 mm
		10 320 5060 6.5 x 10 mm
		10 320 5062 8 x 12 mm
10 320 5063 9.5 x 13.5 mm		
10 320 5066 11 x 16 mm		
10 320 5068 13 x 18 mm		

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