

Series 320 – Standard & Vented Safety

CEJN ORIGINAL STANDARD, EUROSTANDARD 7.6 (7.4)

GLOBAL

- **Extremely high flow capacity**
- **Easy to connect**
- **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 (also see the Aluminum Couplings section of this catalog).

The Series 320 vented safety 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. Full automatic operation ensures easy handling. The vented safety version complies with ISO Standard 4414 and EN 983.

Refer to the CEJN Fluid Products Catalog for specialized versions of Series 320 with brass nipples (Series 321), high-pressure straight-through design (Series 322), two-way shutoff (Series 324), and stainless steel construction (Series 326).



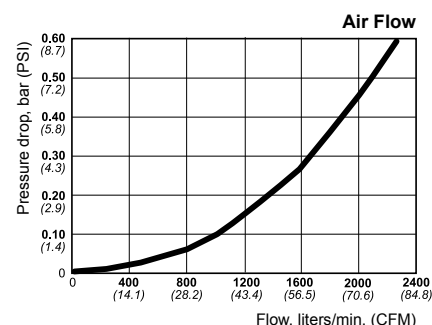
This series includes safety products.
For other safety products, see Page 71-78.



STANDARD

Technical Data

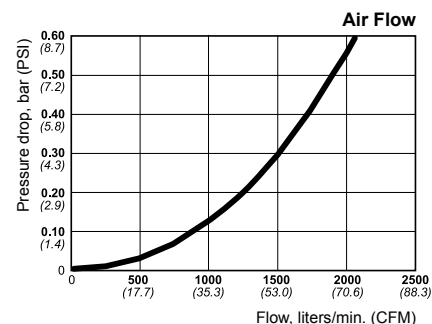
Nominal flow dia.....	7.6 mm (5/16")
Flow capacity.....	2100 l/min. (74.2 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material.....	Hardened zinc-plated steel
Connection force.....	70.7 N



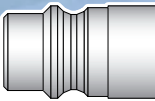
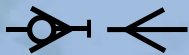
VENTED SAFETY

Technical Data

Nominal flow dia.....	7.6 mm (5/16")
Flow capacity.....	1900 l/min. (67.1 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	64 bar (928 PSI)
Temperature range	-20°C to +80°C (-4°F to +176°F)
Coupling material	Zinc-plated steel/brass
Connection force.....	64.0 N



Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 82 for more information). Check with an authorized CEJN distributor for availability and prices.

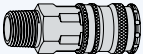
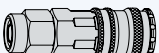
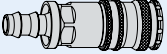


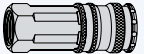
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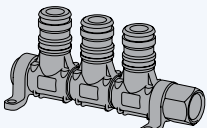
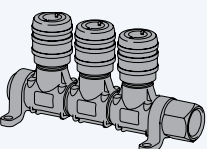
CEJN ORIGINAL STANDARD, EUROSTANDARD 7.6 (7.4)

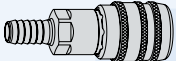
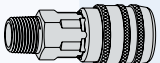
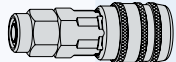
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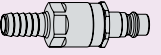
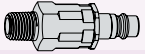
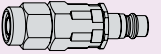
COUPLINGS		Part No.	Connection
	Hose connection	10 320 1002	6.3 mm (1/4")
		10 320 1003	8 mm (5/16")
		10 320 1009	9 mm
		10 320 1004	10 mm (3/8")
		10 320 1005	13 mm (1/2")
	Male thread	10 320 1152	R 1/4"
		10 320 1154	R 3/8"
		10 320 1155	R 1/2"
		10 320 1452	NPT 1/4"
		10 320 1454	NPT 3/8"
	10 320 1455	NPT 1/2"	
	Female thread	10 320 1202	G 1/4"
		10 320 1204	G 3/8"
		10 320 1205	G 1/2"
		10 320 1402	NPT 1/4"
		10 320 1404	NPT 3/8"
	10 320 1405	NPT 1/2"	
	Stream-Line connection	10 320 1058	5 x 8 mm
		10 320 1060	6.5 x 10 mm
		10 320 1062	8 x 12 mm
		10 320 1063	9.5 x 13.5 mm
		10 320 1066	11 x 16 mm
	CEJN-Lock hose connection	10 320 1032	1/4"
		10 320 1034	3/8"
		10 320 1035	1/2"
	Soft-Line	10 320 1086	10 mm (3/8")
	(Page 26)	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"	

ALUMINUM COUPLINGS (Page 28)	Part No.	Connection
	10 320 1932	6.3 mm (1/4")
	10 320 1934	10 mm (3/8")
	10 320 1935	13 mm (1/2")
	10 320 1942	G 1/4"
	10 320 1972	NPT 1/4"
	10 320 1974	NPT 3/8"
	10 320 1960	6.5 x 10 mm
	10 320 1962	8 x 12 mm

MULTI-LINK (page 30)	Part No.	Connection
2-outlet unit	19 902 9912	G 1/2"
3-outlet unit	19 902 9913	G 1/2"
		
2-outlet unit, Vented Safety	19 902 9932	G 1/2"
3-outlet unit, Vented Safety	19 902 9933	G 1/2"
		

VENTED SAFETY COUPLINGS		Part No.	Connection
Hose connection		10 320 3002	6.3 mm (1/4")
		10 320 3003	8 mm (5/16")
		10 320 3004	10 mm (3/8")
		10 320 3005	13 mm (1/2")
Male thread		10 320 3152	R 1/4"
		10 320 3154	R 3/8"
		10 320 3155	R 1/2"
		10 320 3452	NPT 1/4"
		10 320 3454	NPT 3/8"
		10 320 3455	NPT 1/2"
Female thread		10 320 3202	G 1/4"
		10 320 3204	G 3/8"
		10 320 3205	G 1/2"
		10 320 3402	NPT 1/4"
		10 320 3404	NPT 3/8"
		10 320 3405	NPT 1/2"
Stream-Line connection		10 320 3060	6.5 x 10 mm
		10 320 3062	8 x 12 mm
		10 320 3063	9.5 x 13.5 mm
		10 320 3066	11 x 16 mm
Soft-Line	Stream-Line connection	10 320 3080	6.5 x 10 mm
(Page 26)		10 320 3082	8 x 12 mm
			

NIPPLES	Part No.	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 5004	10 mm (3/8")
	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"
	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"
	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 5032	1/4"
	10 320 5034	3/8"
	10 320 5035	1/2"

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
	10 320 8002	6.3 mm (1/4")
	10 320 8003	8 mm (5/16")
	10 320 8004	10 mm (3/8")
	10 320 8005	13 mm (1/2")
	10 320 8152	R 1/4"
	10 320 8060	6.5 x 10 mm
	10 320 8062	8 x 12 mm
	10 320 8063	9.5 x 13.5 mm
	10 320 8066	11 x 16 mm

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