



# eSafe

*The New Generation*

*– No more need to choose  
between performance and  
safety!*



PNEUMATICS



CEJN Safety



[www.cejn.com/esafe](http://www.cejn.com/esafe)





# eSafe

## The New Generation

With close to 60 years in business CEJN can be found in every corner of the world and we're proud to say we're still "made in Sweden".



**PROFESSIONAL, HIGH QUALITY AND INNOVATIVE PRODUCTS** has been produced by us at CEJN since our first patented top of the line coupling was released in 1955. CEJN is an independent global niche company that have made expansions worldwide and we are proud that we have been able to maintain our roots in the heart of Sweden. We are committed to keep up our high standards of responsibility towards our customers, employees and the environment. "Made in Sweden" is for us a seal of high industrial quality. Add "by CEJN" and you get the assurance of quality and superior performance.

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### eSafe - THE NEW GENERATION COUPLING

With close to 60 years in business developing, manufacturing and selling products for all types of media to every corner of the world we know what we are doing. When we set the ambition to produce the new generation coupling that is just what we do. LEAN is our business philosophy and with project eSafe we had one goal in mind – eliminate waste for our customers. The patented eSafe coupling has been given the best features on the market with safety function as standard. The new ground breaking coupling gives you an efficient, ergonomic and energy saving product – a new CEJN generation of premium coupling for premium performance.





# eSafe

Your business is our business

**CEJN'S COUPLING SERIES eSafe** is the new generation coupling. eSafe is an innovative and patented safety coupling offering the highest flow combined with a low pressure drop. In addition eSafe has a low connecting force, compact and easy to grip design making it the natural choice when choosing a safety product with top of the line features. Its extreme durability together with the high flow and low pressure drop give you maximum operation productivity and a reliable product for years to come.



e Standard - No anti-whip function



e CEJN eSafe - Anti-whip function



CEJN Safety

“  
No more need to choose between  
performance and safety!”

#### SAVES MONEY AND PROTECTS THE ENVIRONMENT

At CEJN we believe strongly in reducing our waste and negative impact on the environment. eSafe's unique patented design does just that. The energy saving and efficient eSafe coupling's high flow feature requires less compressed air at a lower pressure drop. Resulting in increased efficiency and reduced production time.

#### HIGH PERFORMING COUPLING WITH SAFETY FUNCTION IN COMPLIANCE TO SAFETY STANDARDS

Safety has been our top priority for many years and our constant strive to develop safe and high performing products finally led us to eSafe. As our customer you no longer have to choose between performance and safety. eSafe is a one hand operated, compact, high flow coupling that vents before disconnection eliminating the risk of hose-whip keeping the operator from harm.

eSafe comply with the international standard ISO 4414 and the European standard EN 983. These standards states that:

- The coupling shall not be forced apart in a hazardous manner
- Compressed air or particles shall not be expelled in a hazardous manner
- A controlled pressure-release system shall be provided where a hazard may exist

In addition eSafe couplings comply with OSHA 1910.95. By being disconnected in two steps the noise level is dramatically reduced.

***In other words the function of the quick connect couplings should be safe and predictable for the operator.***

eSafe [www.cejn.com/esafe](http://www.cejn.com/esafe)



**CEJN IS ISO 9000 AND ISO14001 CERTIFIED**

CEJN AB in Sweden is certified by the third party Det Norske Veritas according to the international standards for Quality Management System **ISO 9001** and Environment Management System **ISO 14001**. This means that our Operations are Quality and Environmental Controlled and Secured.

# Made in Sweden

In cooperation with you

**SWEDEN IS HOME** to a number of old and well respected high quality industrial companies, still today in front of development producing state-of-the-art products. CEJN fits that category. We have close to 60 years of experience in the field as well as innovative thinking. Our customers benefit from our unbeatable combination of local presence and global resources. CEJN's designers are on the frontier of quick connect technology and are constantly working on new products and innovative solutions. We thrive on taking solutions to the next level in close cooperation with our customers and their specific requirements and needs. Together, we constantly renew and redefine the boundaries of what is possible.

The top of the line features offered in our eSafe range require real craftsmanship and is the only coupling that allows you to get maximum capacity out of your tool. The job is done quicker using less energy and the result is higher productivity, cheaper energy bills and lower environmental impact. Can you afford not to change?

## eSafe

### Top 5 features

- Highest flow on the market
- Compact design
- Extreme durability
- Vented safety function
- Easy handling



**eSafe** [www.cejn.com/esafe](http://www.cejn.com/esafe)

**HIGH FLOW**

When designing eSafe we made no compromises in performance. We are proud of the fact that eSafe has the highest flow on the coupling market.

**EASY HANDLING**

eSafe is an ergonomic and one hand push to connect and disconnect coupling. Other safety couplings usually have several steps. With eSafe, just pull the sleeve and the coupling will automatically vent before disconnecting.

**COMPACT DESIGN**

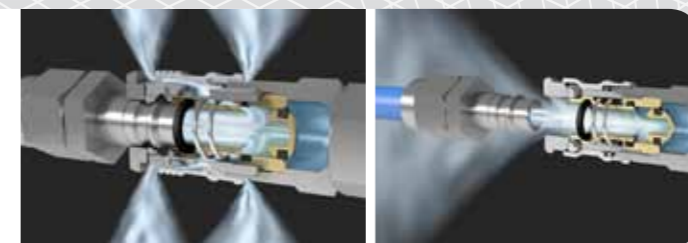
CEJN couplings are known for their compact design. eSafe is no exception, it is the first safety coupling with dimensions like a standard coupling.

**EXTREME DURABILITY**

eSafe is designed to withstand tough handling in rough work environments in order to have a long service life. Tests has proven that eSafe is extremely durable against impacts, vibrations and swiveling.

**SAFETY FUNCTION**

eSafe vents the down streaming pressure before disconnection, reducing the noise level and eliminating the risk of operator injury caused by hose-whip.



**CONNECTION POSSIBILITIES**

We know our products are used in a wide range of applications. That is why our eSafe coupling is available with a wide range of connection possibilities to fit each and every customer need.



# eSafe

Developed for professional use in a multitude of applications

**EACH AND EVERY APPLICATION** using compressed air is a workplace for eSafe. Whether it is within carpentry, the manufacturing industry, repair shop or mining eSafe provides the operator with a safe, durable and high performing coupling.



*eSafe vents the down streaming pressure before disconnection reducing noise level and the risk of operator injury during tool change.*

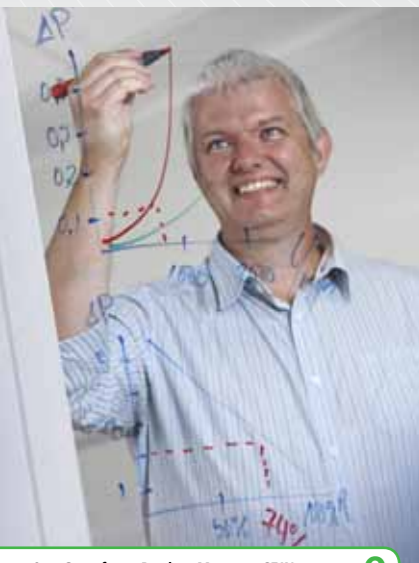


**CEJN  
THE FLOW  
EXPERT!**

# A High Flow and low pressure drop

**EVERY COMPANY WANTS TO** increase its profitability and reduce their expenses. Words like efficiency and cost-saving are always in focus. The difficulty, however, is to transform these words into action. A large production site might not realize how much that can be saved by having regular check ups on their compressed air system. Ask yourself this simple question: Are you providing your tool with the correct pressure?

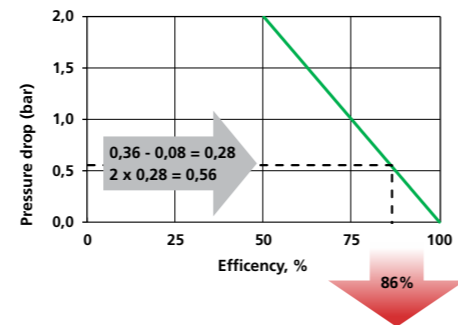
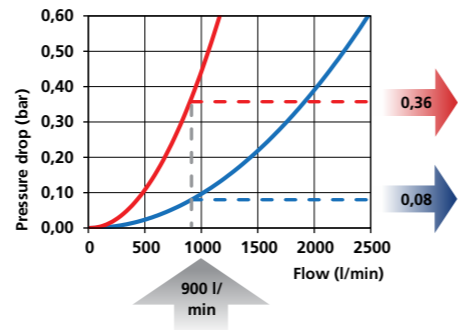
The most common courses of energy loss in compressed air systems are leakage and pressure drop. Optimize the effect in your system and you will witness an increased production, experience less energy waste and at the end of the year the cost savings will be obvious.



*"If pressure drop is too high you lose tool performance"*

Ove Gustafsson

Compressed air is not for free and to get the best economy you need to optimize your system. So, what do you need to achieve an optimized system? With more than 25 years of experience in pneumatics, Ove Gustafsson guides us through the complexity of compressed air step-by-step. Ove is product manager within pneumatics and LEAN coordinator at CEJN.



**Flow and Efficiency chart**  
Tool consumption 900 liter/min. Pressure drop 0,08 bar and 0,36 bar.  
Difference in pressure drop 0,56 bar gives 86% efficiency.

## How optimized is your system?



### Spot your leaks!

Compressed air leaks are more common than you might think and leads to an increased energy consumption as well as it puts stress on the compressor. A 1 mm hole releases 75 litres per minute. They are most commonly found on ceiling pipes, hoses, worn tools, bad or broken couplings and loose hose clamping.

CEJN recommends you to identify the weak spots and to have annual leak seeks.

### Don't stress your system!



An air system that runs at a higher pressure will wear out sooner and put unnecessary stress on tools. CEJN recommends you to run your system at a lower pressure and use right-dimensioned hoses, high flow couplings and an air treatment system (FRL). FRL ensures a smooth, economical operation without interruption and a reliable energy source. By taking all these measures, you will prolong the life of your air system and tools.



### Work safely!

Establishing a safe work place is important in environments where compressed air is used. CEJN recommends you to install CEJN safety products; including couplings, nipples, hose and cable reels and blowguns. Our products where designed with the user in mind for a sustainable, safe and ergonomic work place.



### Save time & money!

To illustrate the benefits with eSafe, we put Series 320 eSafe coupling to the test and compared it to a competitive brand coupling.

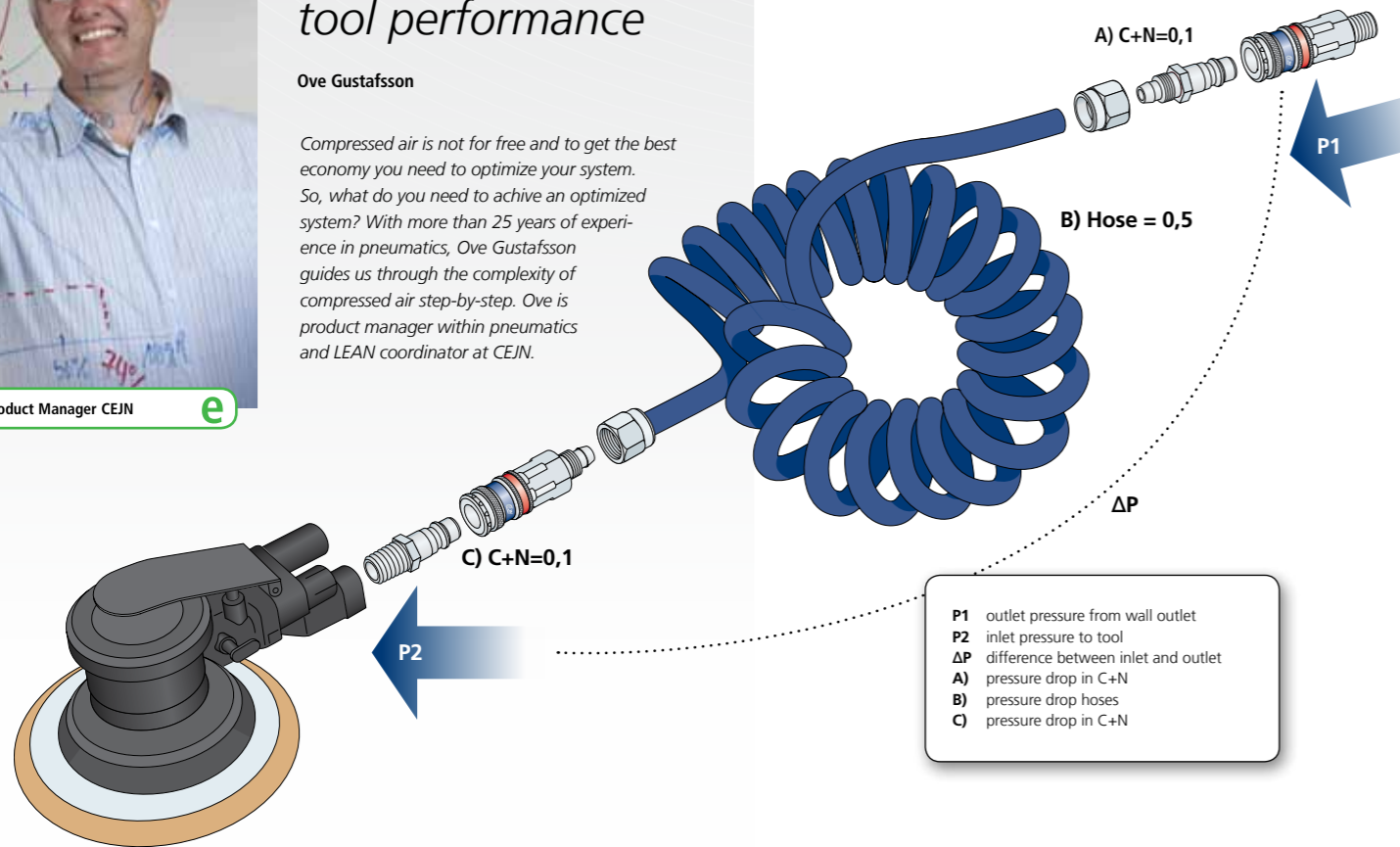
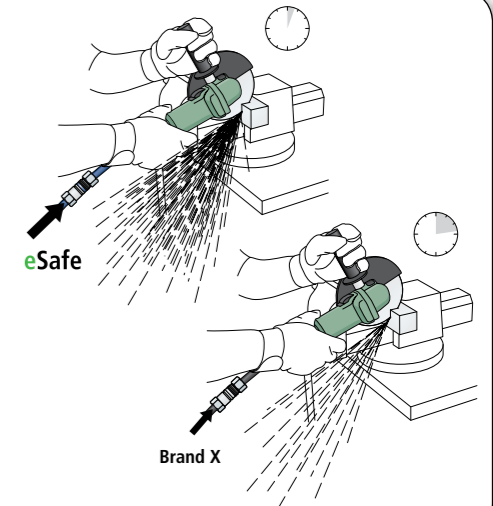
#### Conditions

The test was carried out with wall outlet pressure of 7 Bar and a 5 meter 3/8" hose and two couplings feeding the tool.

#### Result

It is obvious that by switching to the new generation coupling your work is done in half the time. Cutting work time by approximately 240 minutes a day.\* Minutes that would allow you to cut an extra 176 000 products a year. Use eSafe and you'll witness an increased productivity.

\* if you work non-stop for 8 hours and 220 working days.



**eSafe** [www.cejn.com/esafe](http://www.cejn.com/esafe)

## Series 300

ARO 210 STANDARD BENELUX, NORTH AMERICA, SWITZERLAND

- Strong and durable
- Vented safety coupling
- High flow capacity

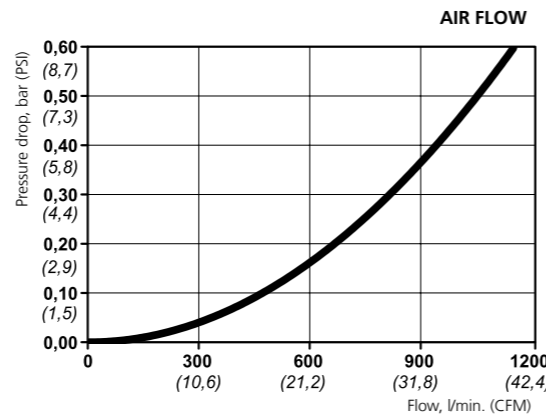
Series 300 eSafe couplings offer high flow and require only a low connection force, which ensures a safe working environment. eSafe is a one hand operated safety coupling that vents before disconnection eliminating the risk of hose whip. Male threads on the couplings and nipples feature pre-applied thread sealant. A fully automatic operation ensures quick and easy handling. eSafe complies with ISO Standard 4414 and EN 983.

Series 300 is also available in standard, Soft-Line and Multi-Link versions.

### TECHNICAL DATA

Nominal flow diameter	5.5 mm (7/32")
Air flow	1050 l/min (37.1 CFM)
Max. working pressure	16 bar (230 PSI)
Min. burst pressure	140 bar (2030 PSI)
Connection force	86 N
Temperature range	-20°C – +100°C (-4°F – +212°F)
Material coupling	Zinc-plated steel/brass
Material nipple	Hardened zinc-plated steel
Interchangeable with	Parker Rectus 14/22, Prevost ASI06, Hansen 210, Orion 44150/44515.

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



ESAFE VENTED SAFETY COUPLING	HOSE CONNECTION	Part No.	Connection
	6.3 mm (1/4")	103002002	
	8 mm (5/16")	103002003	
	10 mm (3/8")	103002004	
	13 mm (1/2")	103002005	
	R 1/4"	103002152	
	R 3/8"	103002154	
	R 1/2"	103002155	
	NPT 1/4"	103002452	
	NPT 3/8"	103002454	
	NPT 1/2"	103002455	
	G 1/4"	103002202	
	G 3/8"	103002204	
	G 1/2"	103002205	
	NPT 1/4"	103002402	
	NPT 3/8"	103002404	
	NPT 1/2"	103002405	
	6.5 x 10 mm	103002060	
	8 x 12 mm	103002062	
	9.5 x 13.5 mm	103002063	
	11 x 16 mm	103002066	
	6.5 x 10 mm	103002080	
	8 x 12 mm	103002082	

NIPPLES	HOSE CONNECTION	Part No.	Connection
	6.3 mm (1/4")	103005002	
	8.0 mm (5/16")	103005003	
	10.0 mm (3/8")	103005004	
	10.0 mm (3/8")	103005004	
	R 1/8"	103005151	
	R 1/4"	103005152	
	R 3/8"	103005154	
	R 1/2"	103005155	
	1/8" NPT	103005451	
	1/4" NPT	103005452	
	3/8" NPT	103005454	
	G 1/8"	103005201	
	G 1/4"	103005202	
	G 3/8"	103005204	
	1/8" NPT	103005401	
	1/4" NPT	103005402	
	3/8" NPT	103005404	
	5x8 mm	103005058	
	6.5x10 mm	103005060	
	8x12 mm	103005062	
9.5x13.5 mm	103005063		
	11x16 mm	103005066	

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

## Series 310

A-A 59439 (FORMER U.S STANDARD MIL C 4109 1/4"), ISO 6150 B BENELUX, FRANCE, NORTH AMERICA, NORWAY, SWITZERLAND

- Vented safety function
- One-hand operated
- Low connection force

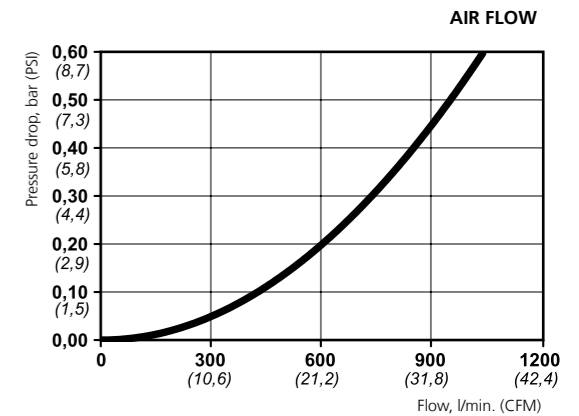
eSafe Series 310 offers a wide range of easy-to-grip couplings, including Soft-Line and Stream-Line. Male threads on the couplings and nipples feature pre-applied thread sealant. eSafe Series 310 is a vented safety coupling that is disconnected in two stages in order to vent the coupling and minimize the risk of sudden component separation. The coupling is fully automatic to ensure quick and easy handling. eSafe series complies with ISO Standard 4414 and EN 983.

Series 310 is also available in standard, Soft-Line and Multi-Link versions.

### TECHNICAL DATA

Nominal flow diameter	5.3 mm (7/32")
Air flow	950 l/min (33.5 CFM)
Max. working pressure	16 bar (230 PSI)
Min. burst pressure	140 bar (2030 PSI)
Connection force	86 N
Temperature range	-20°C – +100°C (-4°F – +212°F)
Material coupling	Zinc-plated steel/brass
Material nipple	Hardened zinc-plated steel
Interchangeable with	Atlas Copco QJC8, Parker Rectus 23/24, Parker Tema 1400/1423, Prevost ISC06/ISI06, Foster 3003, Oetiker B1, Hansen 3000

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



ESAFE VENTED SAFETY COUPLING	HOSE CONNECTION	Part No.	Connection
	6.3 mm (1/4")	103102002	
	8 mm (5/16")	103102003	
	10 mm (3/8")	103102004	
	13 mm (1/2")	103102005	
	R 1/4"	103102152	
	R 3/8"	103102154	
	R 1/2"	103102155	
	NPT 1/4"	103102452	
	NPT 3/8"	103102454	
	NPT 1/2"	103102455	
	G 1/4"	103102202	
	G 3/8"	103102204	
	G 1/2"	103102205	
	NPT 1/4"	103102402	
	NPT 3/8"	103102404	
	NPT 1/2"	103102405	
	6.5 x 10 mm	103102060	
	8 x 12 mm	103102062	
	9.5 x 13.5 mm	103102063	
	6.5 x 10 mm	103102080	
	8 x 12 mm	103102082	
	G 3/8"	103102234	

NIPPLES	HOSE CONNECTION	Part No.	Connection
	4.0 mm (3/16")	103105001	
	6.3 mm (1/4")	103105002	
	8.0 mm (5/16")	103105003	
	10.0 mm (3/8")	103105004	
	13.0 mm (1/2")	103105005	
	R 1/8"	103105151	
	R 1/4"	103105152	
	NPT 3/8"	103105154	
	G 1/4"	103105252	
	1/8" NPT	103105451	
	1/4" NPT	103105452	
	3/8" NPT	103105454	
	1/2" NPT	103105455	
	G 1/8"	103105201	
	G 1/4"	103105202	
	G 3/8"	103105204	
	1/8" NPT	103105401	
	1/4" NPT	103105402	
	3/8" NPT	103105404	
	5x8 mm	103105058	
	6.5x10 mm	103105060	
	8x12 mm	103105062	
	9.5x13.5 mm	103105063	
	11x16 mm	103105066	

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

# Series 315

ASIAN STANDARD ASIA, ITALY, SOUTH AMERICA

- Extremely high flow capacity
- One-hand operated
- Safety coupling with extreme durability

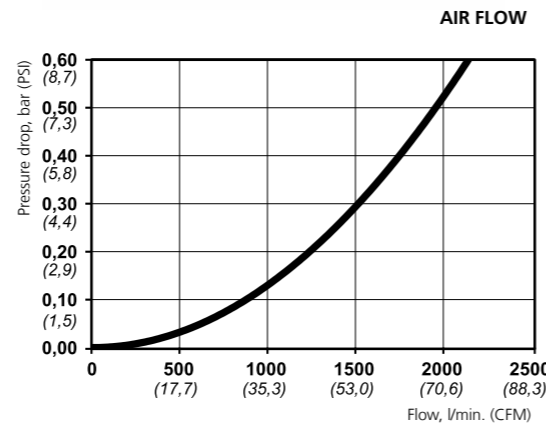
eSafe Series 315 couplings are lightweight and easy to handle yet strong and durable. It is a one hand operated safety coupling that vents before disconnection eliminating the risk of hose whip. The Series includes a wide range of connections. Male threads on the couplings and nipples feature pre-applied thread sealant. Full automatic operation ensures easy handling. eSafe complies with ISO Standard 4414 and EN 983.

Series 315 is also available in standard, Soft-Line and Multi-Link versions.

### TECHNICAL DATA

Nominal flow diameter	7.5 mm (5/16")
Air flow	1950 l/min (68.8 CFM)
Max. working pressure	16 bar (230 PSI)
Min. burst pressure	140 bar (2030 PSI)
Connection force	86 N
Temperature range	-20°C – +100°C (-4°F – +212°F)
Material coupling	Zinc-plated steel/brass
Material nipple	Hardened zinc-plated steel
Interchangeable with	Nitto Kohki 20/30/40, Daisen 23 SF/SOF, Parker Rectus 13, Prevost OSG/ORG 08, Hansen CHS 03 F

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



ESAFE VENTED SAFETY COUPLING	HOSE CONNECTION	Part No.	Connection
	6.3 mm (1/4")	103152002	
	7 mm (9/32")	103152043	
	10 mm (3/8")	103152004	
	13 mm (1/2")	103152005	
	R 1/4"	103152152	
	R 3/8"	103152154	
	R 1/2"	103152155	
	NPT 1/4"	103152452	
	NPT 3/8"	103152454	
	NPT 1/2"	103152455	
	Rc 1/4"	103152102	
	Rc 3/8"	103152104	
	Rc 1/2"	103152105	
	NPT 1/4"	103152402	
	NPT 3/8"	103152404	
	NPT 1/2"	103152405	
	5 x 8 mm	103152058	
	6.5 x 10 mm	103152060	
	8 x 12 mm	103152062	
	11 x 16 mm	103152066	
	6.5 x 10 mm	103152080	
	8 x 12 mm	103152082	

NIPPLES	HOSE CONNECTION	Part No.	Connection
	5 mm (3/16)	103155001	
	6,3mm	103155002	
	7,0mm	103155043	
	10,0mm	103155004	
	13,0mm	103155005	
	R 1/8"	103155151	
	R 1/4"	103155152	
	R 3/8"	103155154	
	R 1/2"	103155155	
	1/4" NPT	103155452	
	3/8" NPT	103155454	
	1/2" NPT	103155455	
	Rc 1/8"	103155101	
	Rc 1/4"	103155102	
	Rc 3/8"	103155104	
	Rc 1/2"	103155105	
	1/4" NPT	103155402	
	3/8" NPT	103155404	
	1/2" NPT	103155405	
	5 x 8 mm	103155058	
	6.5 x 10 mm	103155060	
	8 x 12 mm	103155062	
	11 x 16 mm	103155066	

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

# Series 320

CEJN ORIGINAL STANDARD, EUROSTANDARD 7.6 (7.4) GLOBAL

- Vented safety function
- Extremely high flow capacity
- Compact design

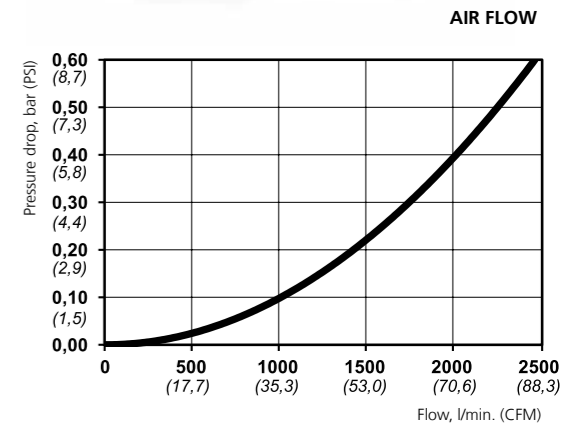
eSafe Series 320 coupling is an easy-to-handle high performing coupling with a long service life. eSafe is a one hand operated safety coupling that vents before disconnection eliminating the risk of hose whip. Male threads on the couplings and nipples feature pre-applied thread sealant. The couplings 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.

### TECHNICAL DATA

Nominal flow diameter	7.6 mm (5/16")
Air flow	2250 l/min (79.4 CFM)
Max. working pressure	16 bar (230 PSI)
Min. burst pressure	140 bar (2030 PSI)
Connection force	86 N
Temperature range	-20°C – +100°C (-4°F – +212°F)
Material coupling	Zinc-plated steel/brass
Material nipple	Hardened zinc-plated steel
Interchangeable with	Parker Rectus 25/26, Parker Tema 1600/1625, Prevost ESC07/ ERC07/ESI07/ISC08, Oetiker SC C, Hansen Auto-Flo 24

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



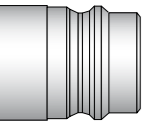
ESAFE VENTED SAFETY COUPLING	HOSE CONNECTION	Part No.	Connection
	6.3 mm (1/4")	103202002	
	6.3 mm (5/16")	103202003	
	10 mm (3/8")	103202004	
	13 mm (1/2")	103202005	
	9mm	103202009	
	R 1/4"	103202152	
	R 3/8"	103202154	
	R 1/2"	103202155	
	NPT 1/4"	103202452	
	NPT 3/8"	103202454	
	NPT 1/2"	103202455	
	G 1/4"	103202202	
	G 3/8"	103202204	
	G 1/2"	103202205	
	NPT 1/4"	103202402	
	NPT 3/8"	103202404	
	NPT 1/2"	103202405	
	6.5 x 10 mm	103202060	
	8 x 12 mm	103202062	
	9.5 x 13.5 mm	103202063	
	11 x 16 mm	103202066	
	6.5 x 10 mm	103202080	
	8 x 12 mm	103202082	

NIPPLES	HOSE CONNECTION	Part No.	Connection
	5.0 mm (3/16")	103205001	
	6.3 mm (1/4")	103205002	
	8.0 mm (5/16")	103205003	
	10.0 mm (3/8")	103205004	
	13 mm (1/2")	103205005	
	R 1/8"	103205151	
	R 1/4"	103205152	
	R 3/8"	103205154	
	R 1/2"	103205155	
	G 1/4"	103205263	
	G 3/8"	103205264	
	G 1/2"	103205265	
	1/8" NPT	103205451	
	1/4" NPT	103205452	
	3/8" NPT	103205454	
	1/2" NPT	103205455	
	G 1/8"	103205201	
	G 1/4"	103205202	
	G 3/8"	103205204	
	G 1/2"	103205205	
	1/8" NPT	103205401	
	1/4" NPT	103205402	
	3/8" NPT	103205404	
	NPT 1/2"	103205405	
	5x8 mm	103205058	
	6.5x10 mm	103205060	
	8x12 mm	103205062	
	9.5x13.5 mm	103205063	
	11 x 16 mm	103205066	

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.



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# Series 410

CEJN ORIGINAL STANDARD, EUROSTANDARD 10.4 GLOBAL

- **Extremely high flow capacity**
- **Strong and durable**
- **Compact design**

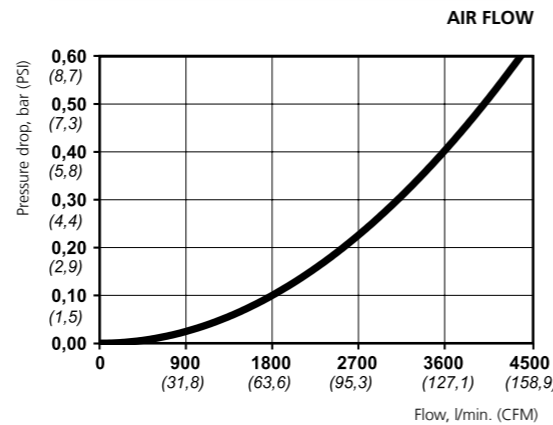
eSafe Series 410 is a safety coupling based on CEJN Series 410, a CEJN original and European standard. The Series is one-hand operated and offers long service life. It is a one hand operated safety coupling that vents before disconnection eliminating the risk of hose whip. The fully automatic operation ensures quick and easy handling. It complies with ISO Standard 4414 and EN 983 and has a steel front part as standard.

Series 410 is also available as standard couplings.

### TECHNICAL DATA

Nominal flow diameter	10.4 mm (13/32")
Air flow	4000 l/min (141.2 CFM)
Max. working pressure	16 bar (230 PSI)
Min. burst pressure	140 bar (2030 PSI)
Connection force	140 N
Temperature range	-20°C – +100°C (-4°F – +212°F)
Material coupling	Zinc-plated steel/brass
Material nipple	Hardened zinc-plated steel
Interchangeable with	Parker Rectus 27, Parker Tema 1700/1727, Parker PEF (52//13)

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



ESAFE VENTED SAFETY COUPLING	HOSE CONNECTION	Part No.	Connection
	13 mm (1/2")	104102005	13 mm (1/2")
	16 mm (5/8")	104102006	16 mm (5/8")
	19 mm (3/4")	104102007	19 mm (3/4")
<b>MALE THREAD CONNECTION</b> 	R 1/2"	104102155	R 1/2"
	R 3/4"	104102157	R 3/4"
<b>FEMALE THREAD CONNECTION</b> 	G 3/8"	104102204	G 3/8"
	G 1/2"	104102205	G 1/2"
<b>STREAM-LINE CONNECTION</b> 	11 x 16 mm	104102066	11 x 16 mm
	13 x 18 mm	104102068	13 x 18 mm

NIPPLES	HOSE CONNECTION	Part No.	Connection
	6.3 mm (1/4")	104105002	6.3 mm (1/4")
	8 mm (5/16")	104105003	8 mm (5/16")
	10 mm (3/8")	104105004	10 mm (3/8")
	13 mm (1/2")	104105005	13 mm (1/2")
	16 mm (5/8")	104105006	16 mm (5/8")
	19 mm (3/4")	104105007	19 mm (3/4")
<b>MALE THREAD</b> 	R 1/4"	104105152	R 1/4"
	R 3/8"	104105154	R 3/8"
	R 1/2"	104105155	R 1/2"
	R 3/4"	104105157	R 3/4"
	NPT 3/8"	104105454	NPT 3/8"
	NPT 1/2"	104105455	NPT 1/2"
	NPT 3/4"	104105457	NPT 3/4"
<b>FEMALE THREAD</b> 	G 1/4"	104105202	G 1/4"
	G 3/8"	104105204	G 3/8"
	G 1/2"	104105205	G 1/2"
	G 3/4"	104105207	G 3/4"
<b>STREAM-LINE CONNECTION</b> 	NPT 3/8"	104105404	NPT 3/8"
	NPT 1/2"	104105405	NPT 1/2"
	NPT 3/4"	104105407	NPT 3/4"
	11 x 16 mm	104105066	11 x 16 mm
13 x 18 mm	104105068	13 x 18 mm	

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.

# Multi-Link Systems

- **Compact multiple outlets**
- **Ready-made units, no assembly necessary**
- **Safety function to reduce noise and prevent recoil accidents**

The Multi-Link integrated quick connect couplings come in units of 2 and 3 outlets. The units can also easily be connected to create more access points. Ideal for uncluttering existing work areas or to create new flexible work stations. The integrated couplings provide flexibility and high performance, the design allows for a large number of outlets without restricting the flow with T-connections, bends or elbows. Combine with our high quality polyurethane hose to create a flexible high performance air distribution system.



### TECHNICAL DATA

Max. working pressure	16 bar (230 PSI)
Min. burst pressure	64 bar (930 PSI)
Temperature range	-20°C – + 100°C (-4°F – + 212°F)
Material	Zinc-plated steel/zinc
Media	Compressed air, neutral gas
Connection	G 1/2" Female thread

SERIE 300 ESAFE	Part No.	Connection
Extension unit	199029000	G 1/2"
1-outlet unit	199029001	G 1/2"
2-outlet unit	199029002	G 1/2"
3-outlet unit	199029003	G 1/2"
4-outlet unit	199029004	G 1/2"

SERIE 310 ESAFE	Part No.	Connection
Extension unit	199029100	G 1/2"
1-outlet unit	199029101	G 1/2"
2-outlet unit	199029102	G 1/2"
3-outlet unit	199029103	G 1/2"
4-outlet unit	199029104	G 1/2"

SERIE 315 ESAFE	Part No.	Connection
Extension unit	199029150	G 1/2"
1-outlet unit	199029151	G 1/2"
2-outlet unit	199029152	G 1/2"
3-outlet unit	199029153	G 1/2"
4-outlet unit	199029154	G 1/2"

SERIE 320 ESAFE	Part No.	Connection
Extension unit	199029200	G 1/2"
1-outlet unit	199029201	G 1/2"
2-outlet unit	199029202	G 1/2"
3-outlet unit	199029203	G 1/2"
4-outlet unit	199029204	G 1/2"

# Adapters – Stream-Line Connections

### TECHNICAL DATA

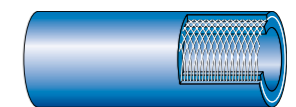
Material ..... Plated brass

FIXED ADAPTERS	ID x OD	Part No.	Connection
	11 x 16 mm	199581615	R 1/2"
	13 x 18 mm	199581815	R 1/2"

# Straight Hose – Braided

### TECHNICAL DATA

Hose material ..... Ester-based polyurethane reinforced with polyester fiber



	ID x OD	Total length	Part No.	Max working pressure	Burst pressure
STRAIGHT BRAIDED	11 x 16 mm	100 m	199581600	12 bar (170 PSI)	48 bar (696 PSI)
		50 m	199581638	12 bar (170 PSI)	48 bar (696 PSI)
	13 x 18 mm	50 m	199581801	10 bar (150 PSI)	40 bar (580 PSI)

Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.



## Complete Your eSafe coupling with Other Safety Products from CEJN

*A first and foremost concern must be safety in our workplace. Establishing a safe place to work is particularly important in environments in which compressed air systems are used. Because these systems are extremely forceful, implementing safety awareness programs and taking all necessary measures to prevent accidents are critical.*



### CEJN Hose & Cable Reels

**Hose reels for compressed air:** Available in several casing sizes and hose dimensions. Features high-quality, oil-resistant polyurethane hose and enclosed casing for longer service life.

**Hose reels for water:** Also ideal for compressed air applications in damp and wet environment. Features high-quality, oil-resistant polyurethane hose and enclosed casing for longer service life.

**Cable reels for electricity:** Available in two casing sizes. Features a thermal overload protection circuit. The cable is high made of high quality rubber. Available with schuko or CH plugs. CEJN cable reels are CE marked.



### CEJN Air & Fluid Guns

CEJN's Series 208 Blowgun and 210 MultiFLOW has a valve package that enables it to handle both air and non-explosive fluids. The blowgun is offered in several styles, including standard full-flow, noise-reducing Star-Tip and a pressure-regulated safety version. Various tubes and nozzles are available to meet specific application requirements.



### Hoses and Hose Kits

CEJN Hoses and Hose Kits have extremely smooth internal surfaces, which contribute to a high flow rate. A polyurethane, thin-wall design increases the flow rate even more.



*The Quick Connect*  
**Solution Provider**