

# Male and Female Quick Release Coupling

## ERDV Series

### Usage Information

**Main applications:** equipments and networks that have passing steam

**Main fluids of passage:** compressed air and steam

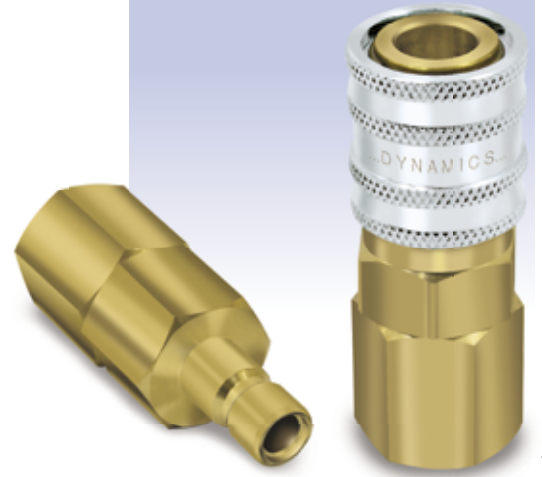
**Model:** fluid retention in male and female parts (when disconnected)

**Connection:** pulling back the sleeve

**Disconnection:** pulling back the sleeve (holding the male part)

**Connection under pressure:** allowed

**Disconnection under pressure:** allowed (male part ejected)



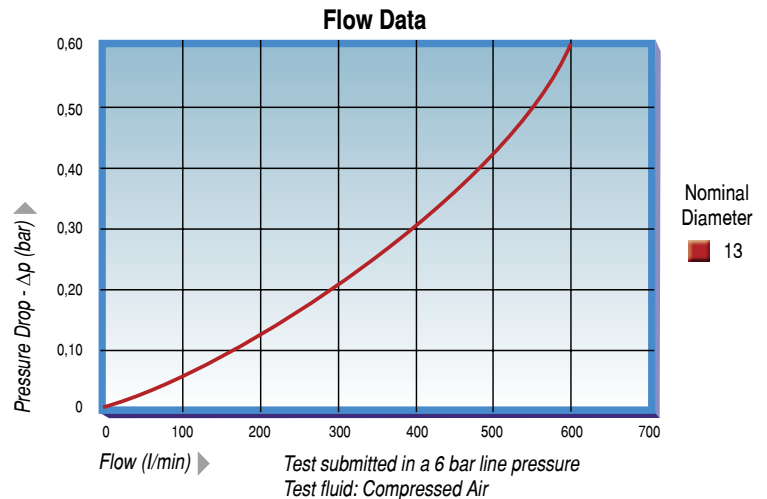
### Technical Information

Nominal Diameter (mm)	Rated Flow Pressure drop of 0,5 bar (l/min)	Maximum Work Pressure (bar)	Minimum Burst Pressure (bar)	Oil spillage 1 bar (cm³)
13	550	16	140	8.0

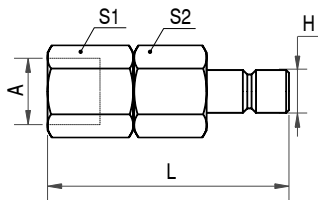
Obs.: Burst test done with hydraulic oil.

### Materials

- ⇒ Male and female in brass with chromed sleeve
- ⇒ Stainless steel balls
- ⇒ Stainless steel springs
- ⇒ Oilproof seals in Viton (Fluorocarbon)  
Working temperature from -4°F to +320°F
- ⇒ Others seals, springs and threads on request

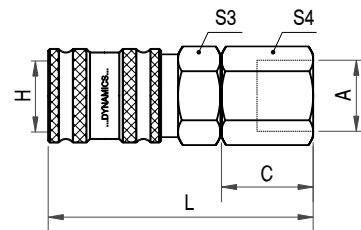


### Internal Thread



Male

Code	H Nominal Diameter (mm)	A Internal Thread	L mm	S1	S2
115.027034.T	13	3/8" NPT	73	1"	1"
115.027036.T	13	1/2" NPT	75	1"	1"



Female

Code	H Nominal Diameter (mm)	A Internal Thread	C mm	L mm	S3	S4
113.027034.T	13	3/8" NPT	25	73	1"	1"
113.027036.T	13	1/2" NPT	27	75	1"	1"

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