



rtc[®]

COUPLING TECHNOLOGY



035

rtc TYPE



DN 7.4 mm Pneumatic Breathing Air Coupling

TYPE 035



Compatible - Kompatibilität

Rectus 95KS
Cejn 344

Temperature Range - Temperaturbereich

Nitrile (N) -20°C + 100°C (- 4°F + 212°F)
FPM (V) -20°C + 180°C (- 4°F + 356°F)
EPDM (Ethylene Propylene) -40°C + 150°C (- 40°F + 302°F)

Working Pressure - Betriebsdruck

35 Bar (510 PSI)

Flow size - Nennweite

rtc type 035 7.4 mm

Standard version - Standardversion

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler

Material für die Standardversion

Socket body - Kupplungsgrundkörper	Brass Nickel Plated - Messing vernickelt
Sleeve - Hülse	Brass Nickel Plated - Messing vernickelt
Springs - Federn	Stainless Steel - Edelstahl
Balls - Kugeln	Stainless Steel - Edelstahl

Plug - Nippel	Brass Nickel Plated - Messing vernickelt
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Technical Specifications & Advantages

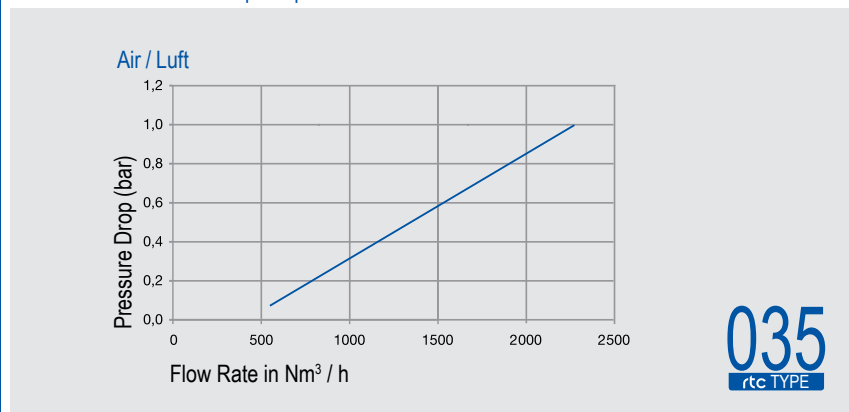
- Sister coupling of **rtc** type 036.
- Safety feature of the coupling is the plug should be pushed more into the coupling in order to disconnect.
- Breathing air coupling
- Advantage of one hand useage.
- High performance valve with increased flow rate and minimised pressure loss.
- Anti-corrosive
- One hand operation

Technische Daten und Vorteile

- Gehört zur Gruppe **rtc** type 036
- Sicherheitsfunktion der Kupplung, Nippel muss in die Kupplung gedrückt werden um gelöst zu werden.
- Geeignet für Atemluftanwendungen
- Vorteil durch Einhandbedienung
- Ventil mit hohem Durchfluss und geringem Druckabfall.
- Korrosionsbeständig



Flow Rate vs Pressure Drop Graph



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Male thread socket / Kupplung mit Aussengewinde



Sockets / Kupplungen

Size / Größe

Order No / Bestellnr.

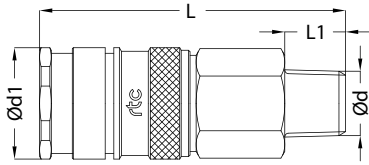
Ød

Ød1

L

L1

HEX.



7.4

035 SMO 13	BSP 1/4	22	57	9	19
035 SMO 17	BSP 3/8	22	57	11	19
035 SMO 21	BSP 1/2	22	52	12	22
035 SRO 10	BSPT 1/8	22	57	9	19
035 SRO 13	BSPT 1/4	22	60	12	19
035 SRO 17	BSPT 3/8	22	59	12	19
035 SRO 21	BSPT 1/2	22	57	17	22
035 STO 13	NPT 1/4	22	60	12	19
035 STO 17	NPT 3/8	22	59	12	19
035 STO 21	NPT 1/2	22	57	17	22

rtc TYPE 035

Female thread socket / Kupplung mit Innengewinde



Sockets / Kupplungen

Size / Größe

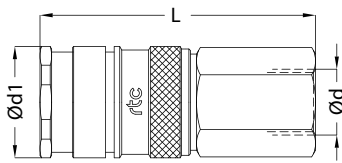
Order No / Bestellnr.

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HEX.



7.4

035 SFO 13	BSP 1/4	22	55	19	19
035 SFO 17	BSP 3/8	22	54	19	19
035 SFO 21	BSP 1/2	22	57	24	24
035 SNO 13	NPT 1/4	22	58	19	19
035 SNO 17	NPT 3/8	22	58	19	19
035 SNO 21	NPT 1/2	22	62	24	24

rtc TYPE 035

Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle



Sockets / Kupplungen

Size / Größe

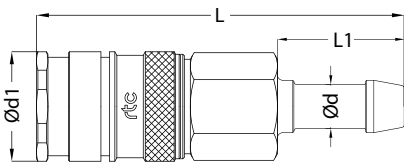
Order No / Bestellnr.

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L

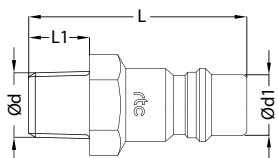
L1



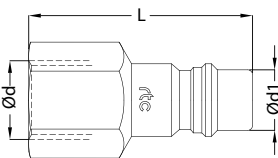
7.4

035 SHO 06	6 mm	22	71	23	23
035 SHO 08	8 mm	22	71	23	23
035 SHO 09	9 mm	22	71	23	23
035 SHO 10	10 mm	22	71	23	23
035 SHO 13	13 mm	22	71	23	23

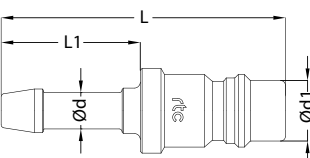
Male thread plug / Nippel mit Aussengewinde TYPE 035 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. →←	Ød	Ød1	L	L1	HEX.
	7.4	035 PMF 13	BSP 1/4	10	36	11	14
		035 PMF 17	BSP 3/8	10	38	11	19
		035 PRF 13	BSPT 1/4	10	39	12	14
		035 PRF 17	BSPT 3/8	10	40	12	17
		035 PRF 21	BSPT 1/2	10	45	17	22
		035 PTF 13	NPT 1/4	10	39	12	14
		035 PTF 17	NPT 3/8	10	40	12	17

Female thread plug / Nippel mit Innengewinde TYPE 035 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. →←	Ød	Ød1	L	HEX.
	7.4	035 PFF 13	BSP 1/4	10	36	17
		035 PFF 17	BSP 3/8	10	36	19

Standard hose tail plug / Nippel mit gerader Standard - Schlauchtülle TYPE 035 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. →←	Ød	Ød1	L	L1
	7.4	035 PHF 06	6 mm	10	48	23
		035 PHF 08	8 mm	10	48	23
		035 PHF 09	9 mm	10	48	23
		035 PHF 10	10 mm	10	48	23
		035 PHF 13	13 mm	10	48	23