



# rtc<sup>®</sup>

COUPLING TECHNOLOGY



# 033

rtc TYPE



DN 8 mm Pneumatic Coupling

TYPE 033



**Compatible - Kompatibilität**

rtc 468.08  
Rectus 33KA  
Atlas Copco QIC 10

**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 033 8 mm

**Standard version - Standardversion**

Seals - Dichtung : Nitrile (N)

**Material of Standard Coupler**

**Material für die Standardversion**

|                                       |   |
|---------------------------------------|---|
| Socket body -<br>Kupplungsgrundkörper | Steel zinc-nickel plated -<br>Stahl Zink-Nickel beschichtet |
| Sleeve -<br>Hülse                     | Steel zinc-nickel plated -<br>Stahl Zink-Nickel beschichtet |
| Springs - Federn                      | Stainless Steel - Edelstahl                                 |
| Balls - Kugeln                        | Stainless Steel - Edelstahl                                 |
| Seals - Dichtung                      | Nitrile (N)   |
| Plug -<br>Nippel                      | Steel zinc-nickel plated -<br>Stahl Zink-Nickel beschichtet |

**Technical Specifications & Advantages**

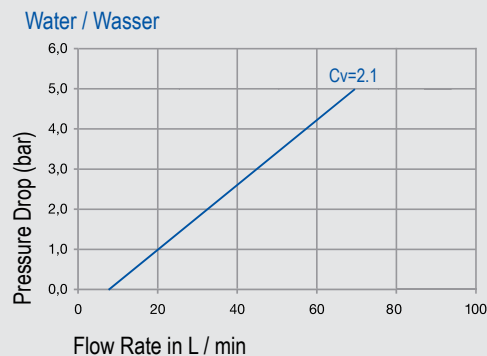
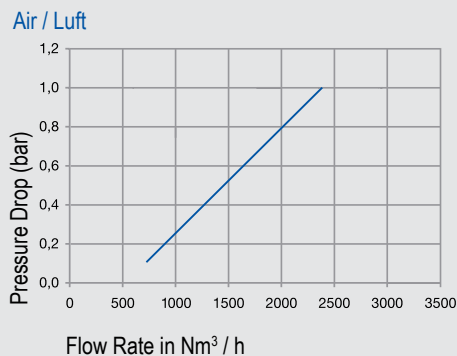
- Advantage of one hand operation.
- High performance valve with increased flow rate and minimised pressure loss.
- Corrosion resistant.

**Technische Daten und Vorteile**

- Vorteil durch Einhandbedienung.
- Ventil mit hohem Durchfluss und geringem Druckverlust.
- Korrosionsbeständig



**Flow Rate vs Pressure Drop Graph**



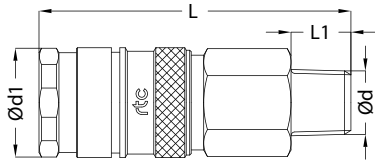
033  
rtc TYPE

**rtc** TYPE 033

Male thread socket / Kupplung mit Aussengewinde



Sockets / Kupplungen



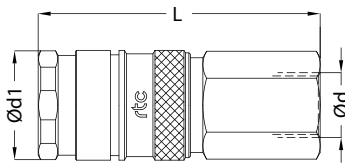
| Size / Größe | Order No / Bestellnr.<br> | Order No / Bestellnr.<br> | Ød       | Ød1 | L  | L1 | HEX. |
|--------------|---------------------------|---------------------------|----------|-----|----|----|------|
| 08           | 033 SRO 13                | 033 SRF 13                | BSPT 1/4 | 22  | 60 | 12 | 19   |
|              | 033 SRO 17                | 033 SRF 17                | BSPT 3/8 | 22  | 59 | 12 | 19   |
|              | 033 SRO 21                | 033 SRF 21                | BSPT 1/2 | 22  | 57 | 17 | 22   |

**rtc** TYPE 033

Female thread socket / Kupplung mit Innengewinde



Sockets / Kupplungen



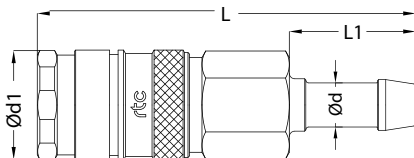
| Size / Größe | Order No / Bestellnr.<br> | Order No / Bestellnr.<br> | Ød      | Ød1 | L  | HEX. |
|--------------|---------------------------|---------------------------|---------|-----|----|------|
| 08           | 033 SFO 13                | 033 SFF 13                | BSP 1/4 | 22  | 55 | 19   |
|              | 033 SFO 17                | 033 SFF 17                | BSP 3/8 | 22  | 54 | 19   |
|              | 033 SFO 21                | 033 SFF 21                | BSP 1/2 | 22  | 57 | 24   |

**rtc** TYPE 033

Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle

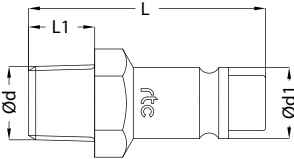


Sockets / Kupplungen

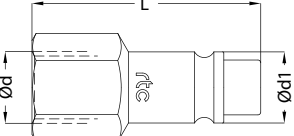


| Size / Größe | Order No / Bestellnr.<br> | Order No / Bestellnr.<br> | Ød    | Ød1 | L  | L1 |
|--------------|---------------------------|---------------------------|-------|-----|----|----|
| 08           | 033 SHO 06                | 033 SHF 06                | 6 mm  | 22  | 71 | 23 |
|              | 033 SHO 08                | 033 SHF 08                | 8 mm  | 22  | 71 | 23 |
|              | 033 SHO 09                | 033 SHF 09                | 9 mm  | 22  | 71 | 23 |
|              | 033 SHO 10                | 033 SHF 10                | 10 mm | 22  | 71 | 23 |
|              | 033 SHO 13                | 033 SHF 13                | 13 mm | 22  | 71 | 23 |

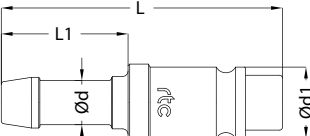
Male thread plug / Nippel mit Aussengewinde TYPE 033 **rtc**

| Plugs / Nippel  | Size / Größe | Order No / Bestellnr.<br>→← | Ød       | Ød1 | L  | L1 | HEX. |
|---|--------------|-----------------------------|----------|-----|----|----|------|
|  | 08           | 033 PRF 10                  | BSPT 1/8 | 14  | 38 | 9  | 14   |
|   |              | 033 PRF 13                  | BSPT 1/4 | 14  | 42 | 12 | 14   |
|   |              | 033 PRF 17                  | BSPT 3/8 | 14  | 43 | 12 | 19   |
|   |              | 033 PRF 21                  | BSPT 1/2 | 14  | 51 | 17 | 22   |

Female thread plug / Nippel mit Innengewinde TYPE 033 **rtc**

| Plugs / Nippel  | Size / Größe | Order No / Bestellnr.<br>→← | Ød      | Ød1 | L  | HEX. |
|---|--------------|-----------------------------|---------|-----|----|------|
|  | 08           | 033 PFF 10                  | BSP 1/8 | 14  | 37 | 14   |
|   |              | 033 PFF 13                  | BSP 1/4 | 14  | 42 | 17   |
|   |              | 033 PFF 17                  | BSP 3/8 | 14  | 43 | 17   |
|   |              | 033 PFF 21                  | BSP 1/2 | 14  | 47 | 24   |

Standard hose tail plug / Nippel mit gerader Standard - Schlauchtülle TYPE 033 **rtc**

| Plugs / Nippel  | Size / Größe | Order No / Bestellnr.<br>→← | Ød    | Ød1 | L  | L1 |
|---|--------------|-----------------------------|-------|-----|----|----|
|  | 08           | 033 PHF 06                  | 6 mm  | 14  | 48 | 20 |
|   |              | 033 PHF 08                  | 8 mm  | 14  | 51 | 23 |
|   |              | 033 PHF 09                  | 9 mm  | 14  | 51 | 23 |
|   |              | 033 PHF 10                  | 10 mm | 14  | 51 | 23 |
|   |              | 033 PHF 13                  | 13 mm | 14  | 51 | 23 |