



rtc[®]

COUPLING TECHNOLOGY



037

rtc TYPE



DN 11 mm Pneumatic Coupling

TYPE 037



Compatible - Kompatibilität

Industrial interchange 1/2

rtc 460.11
Rectus 37KA
Gromelle 1300
Hansen 5000

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 037 11 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	Steel Nickel Plated - Stahl vernickelt
Springs - Federn	Stainless Steel - Edelstahl
Balls - Kugeln	Stainless Steel - Edelstahl
Plug - Nippel	Steel zinc-nickel plated - Stahl Zink-Nickel beschichtet

Technical Specifications & Advantages

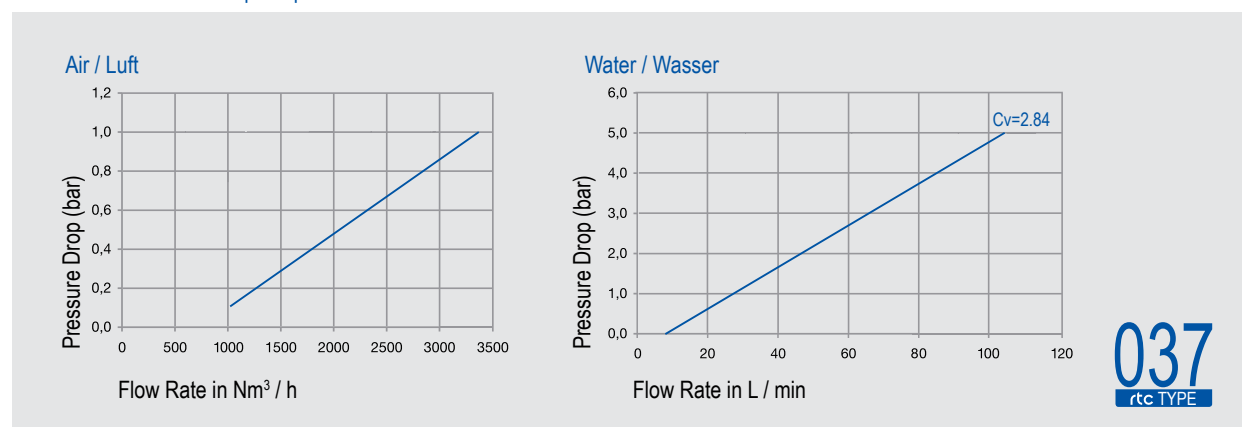
- Advantage of one hand useage.
- High performance valve with increased flow rate and minimised pressure loss.
- Anti-corrosive

Technische Daten und Vorteile

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



Flow Rate vs Pressure Drop Graph



rtc TYPE 037

Male thread socket / Kupplung mit Aussengewinde



Sockets / Kupplungen

Size / Größe

Order No / Bestellnr.

Order No / Bestellnr.

Ød

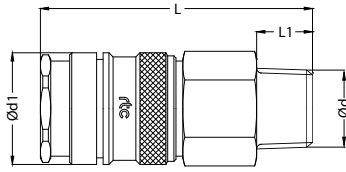
Ød1

L

L1

HEX.

11



037 SRO 13

037 SRF 13

BSPT 1/4

30

68

12

24

037 SRO 17

037 SRF 17

BSPT 3/8

30

68

12

24

037 SRO 21

037 SRF 21

BSPT 1/2

30

71

17

24

037 SRO 26

037 SRF 26

BSPT 3/4

30

68

17

27

rtc TYPE 037

Female thread socket / Kupplung mit Innengewinde



Sockets / Kupplungen

Size / Größe

Order No / Bestellnr.

Order No / Bestellnr.

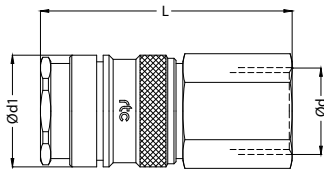
Ød

Ød1

L

HEX.

11



037 SFO 13

037 SFF 13

BSP 1/4

30

74

27

037 SFO 17

037 SFF 17

BSP 3/8

30

75

27

037 SFO 21

037 SFF 21

BSP 1/2

30

77

27

037 SFO 26

037 SFF 26

BSP 3/4

30

81

32

rtc TYPE 037

Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle



Sockets / Kupplungen

Size / Größe

Order No / Bestellnr.

Order No / Bestellnr.

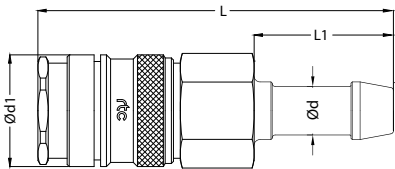
Ød

Ød1

L

L1

11



037 SHO 10

037 SHF 10

10 mm

30

78.5

22.5

037 SHO 13

037 SHF 13

13 mm

30

78.5

22.5

037 SHO 16

037 SHF 16

16 mm

30

78.5

22.5

037 SHO 19

037 SHF 19

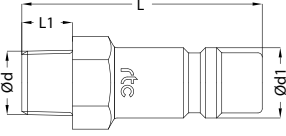
19 mm

30

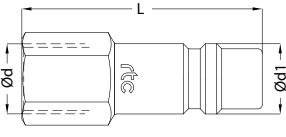
78.5

22.5

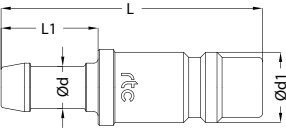
Male thread socket / Kuplung mit Aussengewinde TYPE 037 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	037 PMF 13	BSP 1/4	16.7	56	11	17
		037 PMF 17	BSP 3/8	16.7	56	11	19
		037 PMF 21	BSP 1/2	16.7	59	14	24
		037 PMF 26	BSP 3/4	16.7	60	15	27
		037 PTF 13	NPT 1/4	16.7	57	12	17
		037 PTF 17	NPT 3/8	16.7	57	12	19
		037 PTF 21	NPT 1/2	16.7	62	17	24
		037 PTF 26	NPT 3/4	16.7	64	19	27

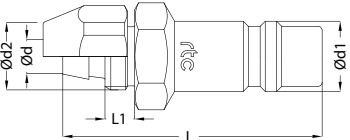
Female thread socket / Kuplung mit Innengewinde TYPE 037 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	11	037 PFF 13	BSP 1/4	16.7	52	17
		037 PFF 17	BSP 3/8	16.7	57	19
		037 PFF 21	BSP 1/2	16.7	61	27
		037 PFF 26	BSP 3/4	16.7	63	32
		037 PNF 13	NPT 1/4	16.7	52	17
		037 PNF 17	NPT 3/8	16.7	59	22
		037 PNF 21	NPT 1/2	16.7	61	27
		037 PNF 26	NPT 3/4	16.7	63	32

Standard hose tail socket / Kuplung mit gerader Standard - Schlauchtülle TYPE 037 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
	11	037 PHF 08	8 mm	16.7	62	23
		037 PHF 10	10 mm	16.7	62	23
		037 PHF 13	13 mm	16.7	62	23
		037 PHF 16	16 mm	16.7	68	26
		037 PHF 19	19 mm	16.7	79	37

Plug with plastic hose connection / Nippel mit Kunststoffschlauch TYPE 037 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr.	Ød	Ød1	Ød2	L	L1	HEX.
	11	037 PVF 0610	6.5x10 mm	M16x1.5	16.7	65	9	22
		037 PVF 0812	8x12 mm	M16x1.5	16.7	65	9	22
		037 PVF 1116	11x16 mm	M24x1.5	16.7	70	9	27