

rtc[®]

COUPLING TECHNOLOGY



055

rtc TYPE



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)

Max. Working Pressure - Max. Betriebsdruck

rtc 055.05 25 bar (362 PSI)
 rtc 055.07 25 bar (362 PSI)
 rtc 055.10 25 bar (362 PSI)

Flow size - Nennweite

rtc type 055.05 5.2 mm
 rtc type 055.07 7 mm
 rtc type 055.10 10.5 mm

Material of Standard Coupler

Material für die Standardversion

Socket body - Steel nickel plated -
 Kupplungsgrundkörper Stahl vernickelt
 Valve - Ventill Brass nickel plated -
 Ventil Messing vernickelt
 Springs - Federn Stainless Steel - Edelstahl
 Locking Pin - Sicherungsstift Stainless Steel - Edelstahl
 Locking Ring - Sprengring Stainless Steel - Edelstahl

Plug - Nippel Steel nickel plated -
 Nippel Stahl vernickelt

Options / Optionen	Add	Example Code
Brass Messing	MS	055.05 SFO 13- MS
Steel Stahl	ST	055.05 SFO 13- ST
Stainless Steel AISI 303 Edelstahl AISI 303	S3	055.05 SFO 13- S3
Stainless Steel AISI 316L Edelstahl AISI 316L	S6	055.05 SFO 13- S6

Material of Brass Coupler - MS Version

Material für die Messingversion - MS Version

Socket body - Brass -
 Kupplungsgrundkörper Messing
 Valve - Ventill Brass - Messing
 Springs - Federn Stainless Steel - Edelstahl
 Balls - Kugeln Stainless Steel - Edelstahl
 Locking Ring - Sprengring Stainless Steel - Edelstahl

Plug - Nippel Brass - Messing

Material of Stainless-Steel Coupler - SS Version

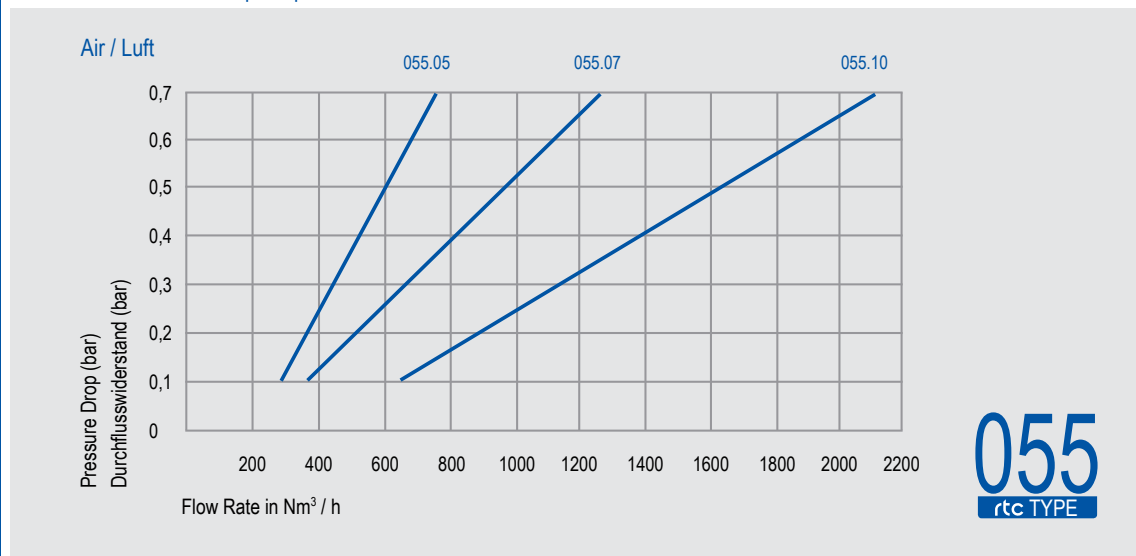
Material für die Edelstahlversion - SS Version

Socket body - Stainless Steel -
 Kupplungsgrundkörper Edelstahl
 Valve - Ventill Stainless Steel - Edelstahl
 Springs - Federn Stainless Steel - Edelstahl
 Balls - Kugeln Stainless Steel - Edelstahl
 Locking Ring - Sprengring Stainless Steel - Edelstahl

Plug - Nippel Stainless Steel - Edelstahl



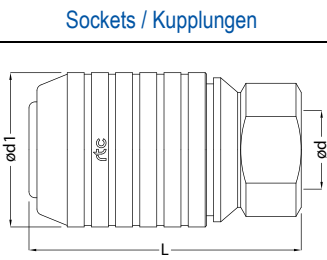
Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall



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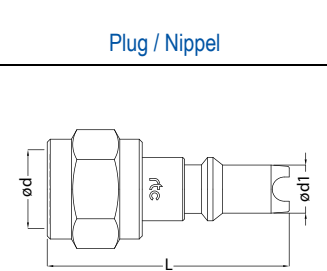
Female thread socket / Kupplung mit Innengewinde



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
05	055.05 SFO 13	BSP 1/4	25.5	45	19
05	055.05 SFO 17	BSP 3/8	25.5	45	19
07	055.07 SFO 17	BSP 3/8	28.5	54	23
10	055.10 SFO 21	BSP 1/2	33.5	61	27

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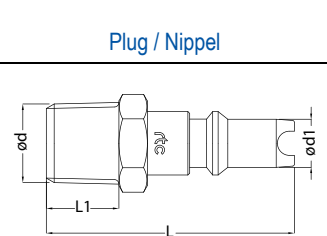
Female thread plug / Nippel mit Innengewinde



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
05	055.05 PFF 13	BSP 1/4	8	40	17
05	055.05 PFF 17	BSP 3/8	8	42	20
07	055.07 PFF 17	BSP 3/8	10.5	49	22
10	055.10 PFF 21	BSP 1/2	14.5	58	27

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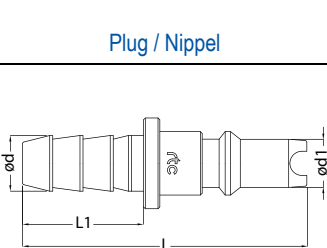
Male thread plug / Nippel mit Aussengewinde



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
05	055.05 PRF 13	BSPT 1/4	8	40	14
05	055.05 PRF 17	BSPT 3/8	8	42	17
07	055.07 PRF 17	BSPT 3/8	10.5	47	17
10	055.10 PRF 21	BSPT 1/2	14.5	55	22

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Standard hose tail plug / Nippel mit gerader Standard - Schlauchtülle



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
05	055.05 PHF 08	8 mm	8	47	20
05	055.05 PHF 10	10 mm	8	52	25
07	055.07 PHF 10	10 mm	10.5	56	25
10	055.10 PHF 10	10 mm	14.5	60	25
10	055.10 PHF 12	12 mm	14.5	65	30
10	055.10 PHF 14	14 mm	14.5	65	30