



# rtc<sup>®</sup>

COUPLING TECHNOLOGY



# 203

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

Please Check the table below

Flow size - Nennweite

rtc 203.09	9 mm
rtc 203.12	12 mm
rtc 203.19	19 mm
rtc 203.32	32 mm
rtc 203.50	50 mm

Material of Steel Coupler - SS Version

Material für die Stahlversion - SS Version

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

Plug - Nippel	Stainless Steel - Edelstahl
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Compatible - Kompatibilität

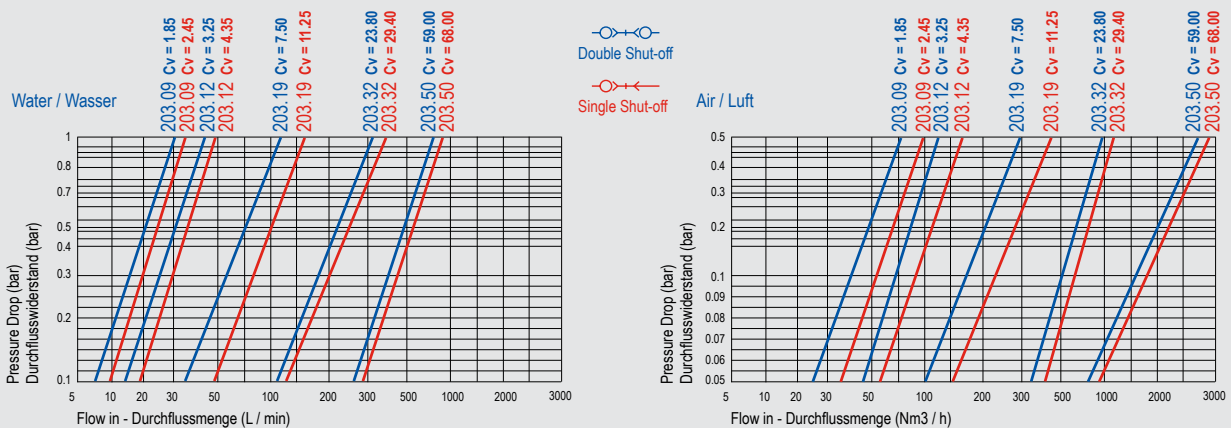
rtc 203.09	TE-009
rtc 203.12	TE-012
rtc 203.19	TE-019
rtc 203.32	TE-032
rtc 203.50	TE-050

Options / Optionen	Add	Example Code
Stainless Steel AISI 303 Edelstahl AISI 303	S3	203.09 SMB 13-S3
Stainless Steel AISI 316L Edelstahl AISI 316L	S6	203.09 SMB 13-S6
Safety Sicherheit	S	203.09 SMB 13-ST-S
Ring Handling Grip Ring Handhabung Grip	VT	203.50 SFF 60-VT



Nominal Ø Nennweite Ø	Flow Area Fläche	Maximum Working Pressure (Bar) - Maximaler Betriebsdruck (Bar)		
		Stainless - SS	Brass - MS	Steel - ST
9 mm	64 mm²	50	50	100
12 mm	120 mm²	20	20	50
19 mm	300 mm²	15	15	50
32 mm	800 mm²	15	15	40
50 mm	2010 mm²	10	10	30

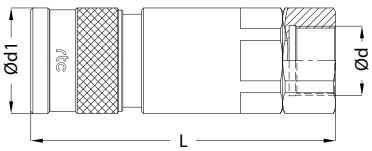
Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall



**rtc** TYPE 203

Female thread socket / Kupplung mit Innengewinde

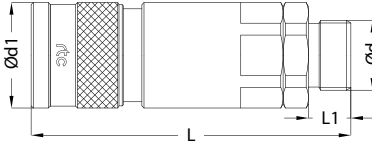


Socket / Kupplung	Size Größe	Order No / Bestellnr. With Valve / Mit Ventil	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	HEX.
	09	203.09 SFB 17	203.09 SFF 17	BSP 3/8	32	89	28
	12	203.12 SFB 21	203.12 SFF 21	BSP 1/2	39	109	36
	19	203.19 SFB 33	203.19 SFF 33	BSP 1	50	146	46
	32	203.32 SFB 48-VT	203.32 SFF 48-VT	BSP 1-1/2	85	178	80
	50	203.50 SFB 60-VT	203.50 SFF 60-VT	BSP 2	110	214	100

**rtc** TYPE 203

Male thread socket / Kupplung mit Aussengewinde

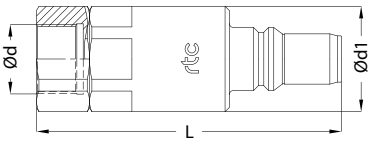


Socket / Kupplung	Size Größe	Order No / Bestellnr. With Valve / Mit Ventil	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	L1	HEX.
	09	203.09 SMB 17-00	203.09 SMF 17-00	BSP 3/8	32	89	12	27
	12	203.12 SMB 21-00	203.12 SMF 21-00	BSP 1/2	39	107	15	55
	19	203.19 SMB 33-00	203.19 SMF 33-00	BSP 1	50	151	20	55
	32	203.32 SMB 48-00-VT	203.32 SMF 48-00-VT	BSP 1-1/2	85	185	22	55
	50	203.50 SMB 60-00-VT	203.50 SMF 60-00-VT	BSP 2	110	227	26	55

**rtc** TYPE 203

Female thread plug / Nippel mit Innengewinde

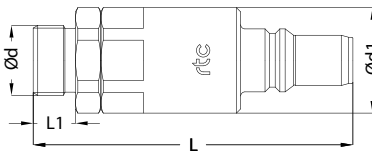


Plug / Nippel	Size Größe	Order No / Bestellnr. With Valve / Mit Ventil	Ød	Ød1	L	HEX.
	09	203.09 PFB 17	BSP 3/8	32	57	19
	12	203.12 PFB 21	BSP 1/2	39	55	19
	19	203.19 PFB 33	BSP 1	50	55	19
	32	203.32 PFB 48	BSP 1-1/2	85	55	19
	50	203.50 PFB 60	BSP 2	110	55	19

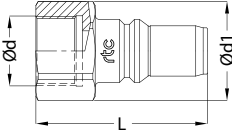
**rtc** TYPE 203

Male thread plug / Nippel mit Aussengewinde

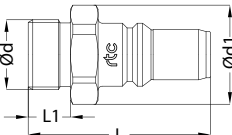


Plug / Nippel	Size Größe	Order No / Bestellnr. With Valve / Mit Ventil	Ød	Ød1	L	L1	HEX.
	09	203.09 PMB 17-00	BSP 3/8	32	64	12	27
	12	203.13 PMB 21-00	BSP 1/2	39	84	14	32
	19	203.19 PMB 33-00	BSP 1	50	84	14	32
	32	203.32 PMB 48-00	BSP 1-1/2	85	84	14	32
	50	203.50 PMB 60-00	BSP 2	110	84	14	32

Female thread plug without valve / Nippel mit Innengewinde ohne Ventil TYPE 203 **rtc**

Plug / Nippel	Size Größe	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	HEX.
	09	203.09 PFF 17	BSP 3/8	30	56	27
	12	203.12 PFF 21	BSP 1/2	39	60	36
	19	203.19 PFF 33	BSP 1	45	81	41
	32	203.32 PFF 48	BSP 1-1/2	65	102	60
	50	203.50 PFF 60	BSP 2	82	125	75

Male thread plug without valve / Nippel mit Aussengewinde ohne Ventil TYPE 203 **rtc**

Plug / Nippel	Size Größe	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	L1	HEX.
	09	203.09 PMF 17-00	BSP 3/8	21	57	12	19
	12	203.12 PMF 21-00	BSP 1/2	33	58	15	30
	19	203.19 PMF 33-00	BSP 1	45	86	20	41
	32	203.32 PMF 48-00	BSP 1-1/2	65	108	22	60
	50	203.50 PMF 60-00	BSP 2	82	135	26	75