



rtc[®]

COUPLING TECHNOLOGY
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-  Water
-  Pneumatic
-  Hydraulic
-  Electrical
-  Accessories

152

rtc TYPE



Temperature Range - Temperaturbereich
 -20°C +100°C (-4°F +212°F) Nitril (N)
 -10°C +200°C (+14°F +392°F) FPM (V)

Max. Working Pressure - Max. Betriebsdruck

rtc 152.10	60 bar (870 PSI)
rtc 152.12	60 bar (870 PSI)
rtc 152.16	60 bar (870 PSI)
rtc 152.20	60 bar (870 PSI)
rtc 152.25	40 bar (580 PSI)
rtc 152.32	25 bar (362 PSI)

Flow size - Nennweiten

rtc 152.10	10 mm
rtc 152.12	12 mm
rtc 152.16	16 mm
rtc 152.20	20 mm
rtc 152.25	25 mm
rtc 152.32	32 mm

Material

Socket Body- Kupplungsgrundkörper	Brass - Messing
Sleeve - Hülse	Stainless Steel - Edelstahl
Valve - Ventil	Brass - Messing
Locking Ring - Sprengring	Stainless Steel - Edelstahl
Balls - Kugeln	Stainless Steel - Edelstahl
Seals - Dichtungen	FKM (V)
Plug - Nippel	Stainless Steel - Edelstahl
Back part Nippel - Nippel Hinterteil	Brass - Messing

Standard version
 FPM (V)
 Leakage free design
 Special designed valve for high flow rate.

Standardversion
 - FPM (V)
 - Leckagefrei
 - Spezielle Ventiltechnik ermöglicht hohen Durchfluss

Options - Optionen

E	EPDM Seal - EPDM Dichtung
W	FFKM Seal - FFKM Dichtung

Using Area

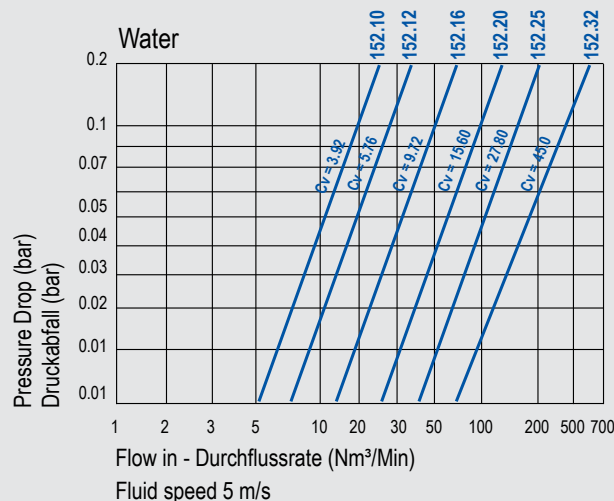
- On temperature regulation applications with hot or cold water, oil etc.
- Blow moulding industry
- Injection moulding industries.
- On steam line.

Anwendungsbereiche

- Zuleitung für die Temperierung / Druckluft
- Blasformmaschinen Industrie
- Kühlung mit Öl oder Wasser
- Kunststoffindustrie



Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall



152
rtc TYPE

rtc TYPE 152

Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	10	152.10 SFB 17	BSP 3/8	30	54	25
		152.10 SNB 17	NPT 3/8	30	54	25
	12	152.12 SFB 21	BSP 1/2	35	56	30
		152.12 SNB 21	NPT 1/2	35	56	30
	16	152.16 SFB 26	BSP 3/4	42	81	35
		152.16 SNB 26	NPT 3/4	42	83	35
	20	152.20 SFB 33	BSP 1	56	117	50
		152.20 SNB 33	NPT 1	56	117	50
	25	152.25 SFB 33	BSP 1	64	119	50
		152.25 SNB 33	NPT 1	64	119	50
152.25 SFB 42		BSP 1-1/4	64	119	50	
152.25 SNB 42		NPT 1-1/4	64	119	50	
32	152.32 SFB 48	BSP 1-1/2	81	149	65	
	152.32 SNB 48	NPT 1-1/2	81	149	65	

rtc TYPE 152

Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	10	152.10 SMB 17	BSP 3/8	29	52	11	25
		152.10 SMB 21	BSP 1/2	29	53	12	25
	12	152.12 SMB 17	BSP 3/8	35	54	11	30
		152.12 SMB 21	BSP 1/2	35	55	12	30
	16	152.16 SMB 21	BSP 1/2	42	80	12	35
		152.16 SMB 26	BSP 3/4	42	83	16	35
	20	152.20 SMB 26	BSP 3/4	56	114	16	50
		152.20 SMB 33	BSP 1	56	117	19	50
	25	152.20 SMB 33	BSP 1	64	128	19	55
		152.20 SMB 42	BSP 1-1/4	64	128	19	55
32	152.32 SMB 42	BSP 1-1/4	56	168	19	60	
	152.32 SMB 48	BSP 1-1/2	56	168	19	60	

rtc TYPE 152

Standard hose tail socket / Kupplung mit Standard Schlauchtülle



Socket / Kupplung	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
	10	152.10 SHB 10	10 mm	30	65	23
		152.10 SHB 12	12 mm	30	70	28
	12	152.12 SHB 12	12 mm	35	69	28
		152.12 SHB 16	16 mm	35	69	28
	16	152.16 SHB 16	16 mm	42	91	28
		152.16 SHB 19	19 mm	42	97	33

rtc TYPE 152

Push to connect hose tail socket / Kupplung mit Schnellsteck Schlauchtülle

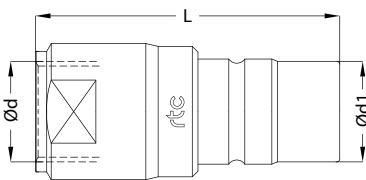


Socket / Kupplung	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
	10	152.10 SPB 10	10 mm	30	66	23
		152.10 SPB 13	13 mm	30	71	28
	12	152.12 SPB 13	13 mm	35	69	28
		152.12 SPB 16	16 mm	35	69	28
	16	152.16 SPB 16	16 mm	42	92	28
		152.16 SPB 19	19 mm	42	102	38



Cylindrical female thread plug / Nippel mit Innengewinde zylindrisch

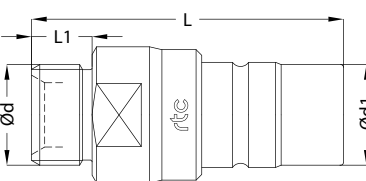
TYPE 152 **rtc**

Plug / Nippel	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	10	152.10 PFB 17	BSP 3/8	17.5	64	25
		152.10 PNB 17	NPT 3/8	17.5	64	25
	12	152.12 PFB 21	BSP 1/2	20.5	68	30
		152.12 PNB 21	NPT 1/2	20.5	68	30
	16	152.16 PFB 26	BSP 3/4	27	73	35
		152.16 PNB 26	NPT 3/4	27	75	35
	20	152.20 PFB 33	BSP 1	34	98	41
		152.20 PNB 33	NPT 1	34	99	41
	25	152.25 PFB 33	BSP 1	41.5	97	50
		152.25 PNB 33	NPT 1	41.5	98	50
152.25 PFB 42		BSP 1-1/4	41.5	97	50	
152.25 PNB 42		NPT 1-1/4	41.5	98	50	
32	152.32 PFB 48	BSP 1-1/2	53	123	60	
	152.32 PNB 48	NPT 1-1/2	53	123	60	



Cylindrical Male thread plug / Nippel mit Aussengewinde zylindrisch

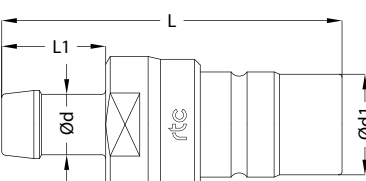
TYPE 152 **rtc**

Plug / Nippel	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	10	152.10 PMB 17	BSP 3/8	17.5	61	11	25
		152.10 PMB 21	BSP 1/2	17.5	62	12	25
	12	152.12 PMB 17	BSP 3/8	20.5	66	11	30
		152.12 PMB 21	BSP 1/2	20.5	67	12	30
	16	152.16 PMB 21	BSP 1/2	27	69	12	35
		152.16 PMB 26	BSP 3/4	27	73	16	35
	20	152.20 PMB 26	BSP 3/4	34	92	16	41
		152.20 PMB 33	BSP 1	34	95	19	41
	25	152.20 PMB 33	BSP 1	41.5	102	19	50
		152.20 PMB 42	BSP 1-1/4	41.5	102	19	50
32	152.32 PMB 42	BSP 1-1/4	53	142	19	60	
	152.32 PMB 48	BSP 1-1/2	53	142	19	60	



Standard hose tail plug / Nippel mit Standard Schlauchtülle

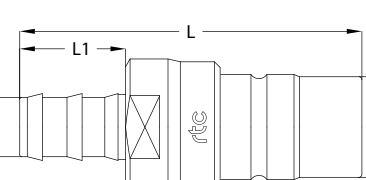
TYPE 152 **rtc**

Plug / Nippel	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
	10	152.10 PHB 10	10 mm	17.5	75	23
		152.10 PHB 12	12 mm	17.5	80	28
	12	152.12 PHB 12	12 mm	20.5	81	28
		152.12 PHB 16	16 mm	20.5	81	28
	16	152.16 PHB 16	16 mm	27	84	28
		152.16 PHB 19	19 mm	27	89	33



Push to connect hose tail plug / Nippel mit Schnellsteck Schlauchtülle

TYPE 152 **rtc**

Plug / Nippel	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
	10	152.10 PPB 10	10 mm	17.5	75	23
		152.10 PPB 13	13 mm	17.5	80	28
	12	152.12 PPB 13	13 mm	20.5	81	28
		152.12 PPB 16	16 mm	20.5	81	28
	16	152.16 PPB 16	16 mm	27	85	28
		152.16 PPB 19	19 mm	27	95	38