



Temperature Range - Temperaturbereich

-20°C +100°C (-4°F +212°F) Nitril (N)
-10°C +180°C (+14°F +356°F) FPM (V)

Flow size - Nennweiten

rtc 103.06	7 mm
rtc 103.07	8 mm
rtc 103.08	10 mm
rtc 103.11	11 mm
rtc 103.12	12 mm
rtc 103.15	15 mm
rtc 103.19	19 mm
rtc 103.25	25 mm
rtc 103.33	33 mm

Material

Coupler Body- Kupplungsgrundkörper	Stainless steel - Edelstahl
Sleeve - Hülse	Hardened alloysteel - Gehärteter Stahl
Valve - Ventil	Stainless steel - Edelstahl
Springs - Federn	Stainless steel - Edelstahl
Seal - Dichtung	FPM (V)
Balls - Kugeln	Stainless steel - Edelstahl
Plug - Nippel	Hardened stainless steel - Gehärteter Edelstahl

Options - Optionen

N	NBR Seal - NBR Dichtung
R	Red Body - Grundkörper Rot
P	Pressure release valf - Druckentlastungsventil

Using Area

- On hydraulic oil circuits
- Hydraulic test units
- Injection moulding industries / core pullers

Anwendungsbereiche

- Hydraulische Verbindungen
- Hydraulik Prüfstände
- Kunststoffindustrie / Kernzüge

**Safety type coupler
for disconnect protection**

**Sicherheitsfunktion
für das ungewollte
Trennen**



Max. Working pressure / Max. Arbeitsdruck (bar)

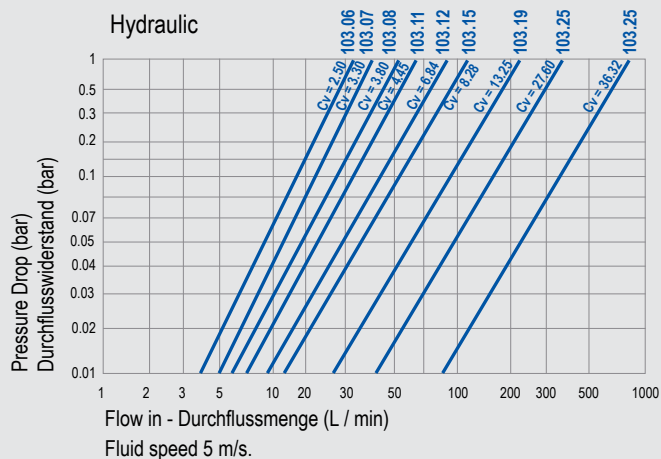
Size / Größe	06	07	08	11	12	15	19	25	33
Connected	800	500	450	450	400	400	400	350	350
Disconnected	180	180	180	180	180	180	180	180	180

Max. Residual pressure for connection under pressure (bar)

Max. Restdruck für die Verbindung unter Druck (bar)

Socket / Kupplung	180	180	180	180	180	180	180	180	180
Plug / Nippel	50	50	50	50	50	50	50	50	50

Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall

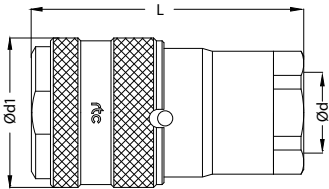


TYPE 103

Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung



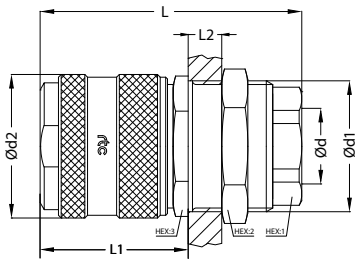
Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
06	103.06 SFB 13	BSP 1/4	27	58	22
07	103.07 SFB 17	BSP 3/8	31.5	59.5	25
08	103.08 SFB 21	BSP 1/2	39	72	30
11	103.11 SFB 21	BSP 1/2	39	72	30
12	103.12 SFB 26	BSP 3/4	50	89	41
15	103.15 SFB 26	BSP 3/4	50	89	41
19	103.19 SFB 33	BSP 1	64.5	120	55
25	103.25 SFB 42	BSP 1-1/4	78	120	65
33	103.33 SFB 48	BSP 1-1/2	87	138	80

TYPE 103

Panel mounted female thread socket / Kupplung mit Innengewinde und Schottverschraubung



Socket / Kupplung

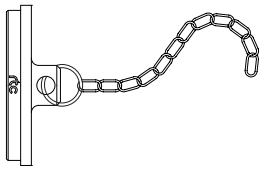


Size Größe	Order No / Bestellnr.	Ød	Ød1	Ød2	L	L1	L2	HEX.1	HEX.2	HEX.3
07	103.07 SFBP 17	BSP 3/8	M30x1	31.5	59.5	39	8	25	34	32
08	103.08 SFBP 21	BSP 1/2	M34x1	39	72	42	13	30	38	36
11	103.11 SFBP 21	BSP 1/2	M34x1	39	72	42	13	30	38	36
12	103.12 SFBP 26	BSP 3/4	M44x1.5	50	89	48	22	41	54	52
15	103.15 SFBP 26	BSP 3/4	M44x1.5	50	89	48	22	41	54	52

TYPE 103

Dust cup for socket / Staubkappe für Kupplung

Dust Cup / Staubkappe

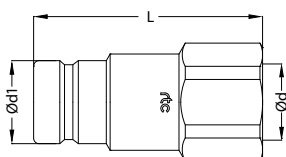


Size Größe	Order No / Bestellnr.
06	103.06 SD 00
07	103.07 SD 00
08	103.08 SD 00
11	103.11 SD 00
12	103.12 SD 00
15	103.15 SD 00
19	103.19 SD 00
25	103.25 SD 00



Female thread plug / Nippel mit Innengewinde

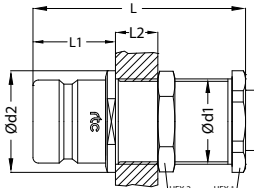
TYPE 103

Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	06	103.06 PFB 13	BSP 1/4	14.2	48.5	19
	07	103.07 PFB 17	BSP 3/8	18	50.3	22
	08	103.08 PFB 21	BSP 1/2	22.8	63	30
	11	103.11 PFB 21	BSP 1/2	22.8	63	30
	12	103.12 PFB 26	BSP 3/4	30.8	74	36
	15	103.15 PFB 26	BSP 3/4	30.8	74	36
	19	103.19 PFB 33	BSP 1	40.1	95	45
	25	103.25 PFB 42	BSP 1-1/4	51	107.5	55
	33	103.33 PFB 48	BSP 1-1/2	64.5	118	70



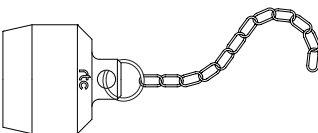
Panel mounted female thread plug / Nippel mit Innengewinde und Schottverschraubung

TYPE 103

Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	Ød2	L	L1	L2	HEX.1	HEX.2
	07	103.07 PFBP 17	BSP 3/8	M22x1	30	50.3	21	15	24	24
	08	103.08 PFBP 21	BSP 1/2	M26x1	36	63	24.5	25.5	30	32
	11	103.11 PFBP 21	BSP 1/2	M26x1	36	63	24.5	25.5	30	32
	12	103.12 PFBP 26	BSP 3/4	M34x1	41	74	30	25	41	38
	15	103.15 PFBP 26	BSP 3/4	M34x1	41	74	30	25	41	38

Dust cup for plug / Staubkappe für Nippel

TYPE 103

Dust Cup / Staubkappe	Size Größe	Order No / Bestellnr.
	06	103.06 PD 00
	07	103.07 PD 00
	08	103.08 PD 00
	11	103.11 PD 00
	12	103.12 PD 00
	15	103.15 PD 00
	19	103.19 PD 00
	25	103.25 PD 00