



rtc[®]

COUPLING TECHNOLOGY



115

rtc TYPE



Temperature Range

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

Max. Working Pressure

rtc 115.03 450 bar (6525 PSI)
rtc 115.05 300 bar (4350 PSI)
rtc 115.08 250 bar (3625 PSI)
rtc 115.12 160 bar (2320 PSI)
rtc 115.20 160 bar (2320 PSI)

Flow size

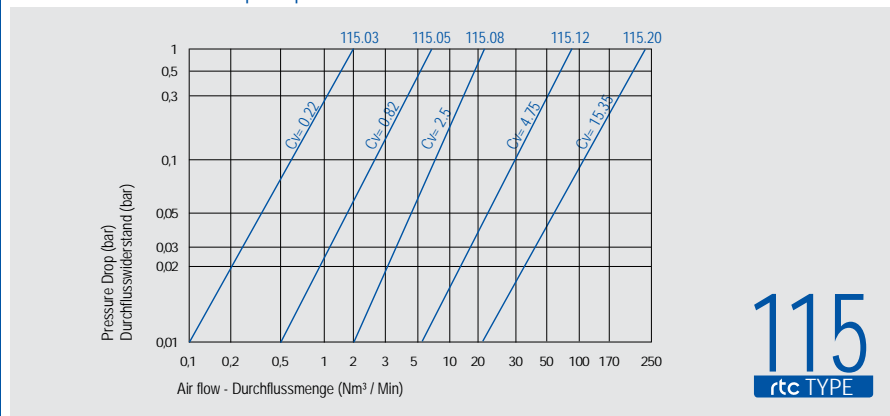
rtc 115.03 3 mm
rtc 115.05 5 mm
rtc 115.08 9 mm
rtc 115.12 12 mm
rtc 115.20 20 mm

Material

Socket Body AISI 303 stainless steel
Back part AISI 303 stainless steel
Valve Stainless steel
Springs Stainless steel
Seal FPM (V)
Plug AISI 420 hardened stainless steel
Back part-Hinterteil AISI 303 stainless steel



Flow Rate vs Pressure Drop Graph

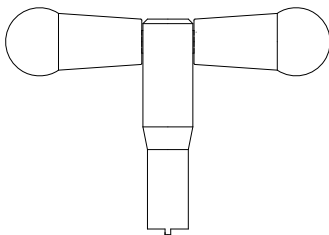


115
rtc TYPE

TYPE 115		115.03	115.05	115.08	115.12	115.20
Nominal	Ø (mm)	3	5	8	12	20
Cross section	(mm)	7	19.6	50	113	314
Max. working pressure	(bar)	450	300	250	160	160
Weight of socket	(g)	17.5	48.5	81	197.5	515
Weight of plug in house	(g)	17.5	32	62	147	365
Weight of threaded plug	(g)	12	21.5	39	87	290
Air Introducing at Connection	(cm)	7	0.024	0.054	0.063	0.092
Water spillage at disconnection	(cm3)	0.0019	0.014	0.025	0.039	0.051
Connection force	(N)	46	59	90	160	286



Assembling tool



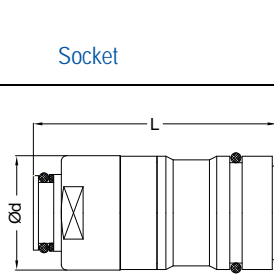
Assembling tool for Threaded Plug

115.03 PAT 08
115.05 PAT 14
115.08 PAT 18
115.12 PAT 24
115.20 PAT 38



Socket for assembling - Einbaukupplung

TYPE 115

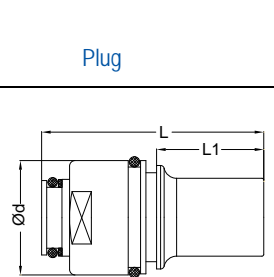


Size Ø (mm)	Assembling Ring	Order No	L	Ød
03	Ring DIN-472	115.03 SAB 00	32.5	12.5
05	Ring DIN-472	115.05 SAB 00	42	18.5
08	Ring DIN-472	115.08 SAB 00	46	23.5
12	Ring DIN-472	115.12 SAB 00	67.5	31.5
20	Ring DIN-472	115.20 SAB 00	82	48



Plug for assembling - Einbaunippel

TYPE 115

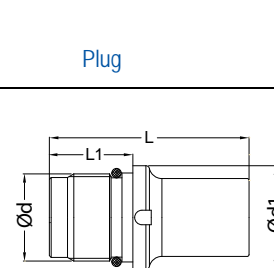


Size Ø (mm)	Assembling Ring	Order No	L	L1	Ød
03	Ring DIN-472	115.03 PAB 00	33	12	12.5
05	Ring DIN-472	115.05 PAB 00	43.5	17.5	18.5
08	Ring DIN-472	115.08 PAB 00	49.5	20.5	23.5
12	Ring DIN-472	115.12 PAB 00	64	28	31.5
20	Ring DIN-472	115.20 PAB 00	82	40	48



Cylindrical male thread plug / Nippel mit Aussengewinde zylindrisch

TYPE 115



Size Ø (mm)	Connection	Order No	L	L1	Ød1
03	M8x1.0	115.03 PMB 0810	28	11.5	12
05	M14x1.5	115.05 PMB 1415	37.5	16	17.5
08	M18x1.5	115.08 PMB 1815	43	18.5	22
12	M24x1.5	115.12 PMB 2415	55	23	28.5
20	M38x1.5	115.20 PMB 3815	75.2	30.7	46