

rtc[®]

QUICK CONNECT TECHNOLOGY
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460.06

rtc TYPE



Compatible

Ind. Interchange	1/4
rtc	023
Cejn	310
Parker	B23
Rectus	23
Foster	3003
AMFLO	C208
Hansen	1000

Temperature Range

Nitrile (N)	-20°C + 110°C (- 4°F + 230°F)
FPM (V)	-20°C + 180°C (- 4°F + 356°F)
EPDM (Ethylene Propylene)	-40°C + 150°C (- 40°F + 302°F)

Working Pressure

25 Bar (360 PSI)

Connction / Disconnection Max. Pressure

15 Bar (220 PSI)

Flow size

rtc type 460.06 5.5mm (1/4")

Standard version

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler

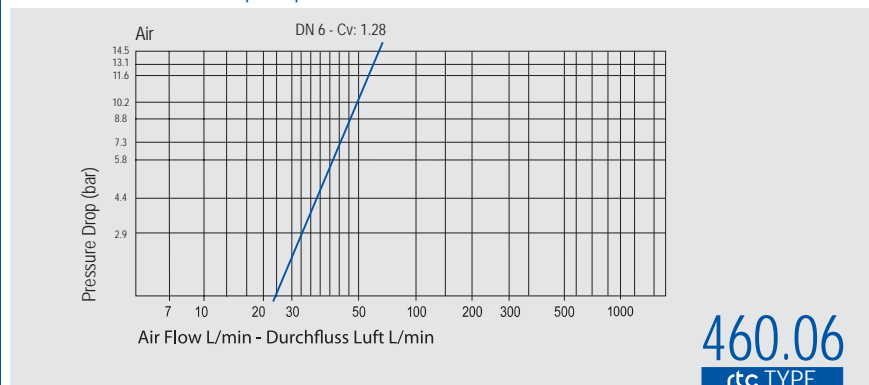
Body / Housing	Steel tenifer threaded
Inner Part / Cylinder	Surface hardened steel Zinc-nickel plated
Innenteil	
Back Part	Steel zinc plated
Sleeve	Zinc diecasted, nickel plated & orange plastic coated
Hülse	
Springs	Stainless steel
Seals	Nitrile (N)
Plug -	Surface hardened steel, galvanized
Nippel	Stahl gehärtet, verzinkt

Advantages

- The system perfectly fits to the **ISO 4414**, **EN 983** safety requirements.
- Plug profile perfectly fits to the **ISO 6150-B-12**, **AFNOR B-12 NF E 49-053**, **US MIL C-4109**
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size



Flow Rate vs Pressure Drop Graph



rtc TYPE 460.06

Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R205 00 314	460.06 SMO 13	BSP 1/4	25	59.5	48.5	19
	6	R205 00 315	460.06 SMO 17	BSP 3/8	25	59.5	48.5	19
	6	R205 00 316	460.06 SMO 21	BSP 1/2	25	61.5	49.5	22
	6	R205 00 317	460.06 STO 13	NPT 1/4	25	60.5	48.5	19
	6	R205 00 318	460.06 STO 17	NPT 3/8	25	62.5	48.5	19
	6	R205 00 319	460.06 STO 21	NPT 1/2	25	68.5	49.5	22

rtc TYPE 460.06

Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R205 00 307	460.06 SFO 13	BSP 1/4	25	56.5	-	19
	6	R205 00 308	460.06 SFO 17	BSP 3/8	25	58.5	-	19
	6	R205 00 309	460.06 SFO 21	BSP 1/2	25	60.5	-	24
	6	R205 00 311	460.06 SNO 13	NPT 1/4	25	57.5	-	19
	6	R205 00 312	460.06 SNO 17	NPT 3/8	25	59.5	-	20
	6	R205 00 313	460.06 SNO 21	NPT 1/2	25	65.5	-	24

rtc TYPE 460.06

Socket with hose barb / Kupplung mit Schlauchanschluss



Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R205 00 320	460.06 SHO 06	Ø6 - 1/4	25	69	-	-
	6	R205 00 321	460.06 SHO 08	Ø8 - 5/16	25	69	-	-
	6	R205 00 322	460.06 SHO 10	Ø10 - 3/8	25	69	-	-

rtc TYPE 460.06

Socket with plastic hose connection / Kupplung mit Kunststoffschlauchanschluss



Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R205 00 324	460.06 SVO 0610	6.5x10	25	70	-	22
	6	R205 00 325	460.06 SVO 0812	8x12	25	70	-	22

Plug with male thread / Nippel mit Aussengewinde

TYPE 460.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 011	460.06 PMF 10	BSP 1/8	-	38	30	14
	6	R255 00 012	460.06 PMF 13	BSP 1/4	-	42	31	14
	6	-	460.06 PMF 17	BSP 3/8	-	43.5	32.5	19
	6	R255 00 013	460.06 PTF 10	NPT 1/8	-	41	32	14
	6	R255 00 014	460.06 PTF 13	NPT 1/4	-	44	32	14
	6	R255 00 069	460.06 PTF 17	NPT 3/8	-	47	35	19

Plug with female thread / Nippel mit Innengewinde

TYPE 460.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 015	460.06 PFF 10	BSP 1/8	-	42	-	14
	6	R255 00 016	460.06 PFF 13	BSP 1/4	-	42.5	-	17
	6	-	460.06 PFF 17	BSP 3/8	-	43.5	-	19
	6	R255 00 017	460.06 PNF 10	NPT 1/8	-	39	-	14
	6	R255 00 018	460.06 PNF 13	NPT 1/4	-	43	-	17
	6	R255 00 274	460.06 PNF 17	NPT 3/8	-	44	-	19

Plug with hose barb / Nippel mit Schlauchanschluss

TYPE 460.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 019	460.06 PHF 06	Ø6 - 1/4	14	51	-	-
	6	R255 00 020	460.06 PHF 08	Ø8 - 5/16	14	51	-	-
	6	R255 00 021	460.06 PHF 10	Ø10 - 3/8	14	51	-	-

Plug with plastic hose connection / Nippel mit Kunststoffschlauchanschluss

TYPE 460.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	-	460.06 PVF 0610	6.5x10	-	54	-	22
	6	R255 00 413	460.06 PVF 0812	8x12	-	54	-	22

rtc TYPE HPC

Coupling head protective cover - Schutzhauben für Schwenkkupplungen



Suitable for series	Alternative Order No	Order No	Ø
462.06 / 460.06 / 461.06 / 465.08 / 466.06 / 467.06	R295 00 385	HPC 0620	20
463.08 / 464.08 / 460.08 / 461.08	R295 00 340	HPC 0825	25
460.11 / 461.11	R295 00 531	HPC 1130	30



Material: Polyamide

rtc TYPE BPC

Coupling body protective cover - Schutzhülsen für Schwenkkupplungen



Suitable for series	Alternative Order No	Order No	Ø
462.06 / 460.06 / 461.06 / 465.08 / 466.06 / 467.06	R295 00 480	BPC 0620	20
463.08 / 464.08 / 460.08 / 461.08	R295 00 481	BPC 0825	25
460.11 / 461.11	R295 00 482	BPC 1130	30



Material: Vinyl

rtc TYPE HGS

Plastic hose protective spiral guard - Knickschutz für Spiralschlauch



Alternative Order No	Order No	Ød
-	HGS 0610	6.5x10
R295 00 337	HGS 0812	8x12
R295 00 401	HGS 1116	11x16



Material: Polyamide