

Dripless Hydraulic Multi Coupling For
Residual Pressure Connection

rtc[®]
COUPLING TECHNOLOGY



M103

rtc TYPE

rtc Multicoupling systems
rtc Multikupplungssysteme type M103



rtc Multicoupling systems / rtc Multikupplungssysteme type M103



Type	Max.Working Pressure Max. Betriebsdruck	Max.Connection Pressure Max. Betriebsdruck	Flow size Nennweite	Connections Anschlüsse	Circuits Kreislauf
rtc M103.10	200 bar	20 bar	10	2 - 4 - 6 - 8	1 ↔ 1 2 ↔ 2 3 ↔ 3 4 ↔ 4
Temperature Range - Temperaturbereich -10°C +150°C (+14° +302°F) FPM (V)					



Specification

Connecting and disconnecting the circuits in one operation for quick mold change
 Size Ø10
 Compact design
 Non spill
 Code syst

Eigenschaften

Verbinden und Trennen von mehreren Kreisläufen in einem Arbeitsgang für das schnelle Rüsten
 Nennweite Ø10
 Robuster Verriegelungsmechanismus
 Flat Face
 Kodierbar

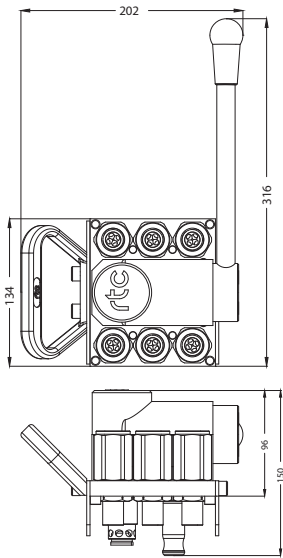

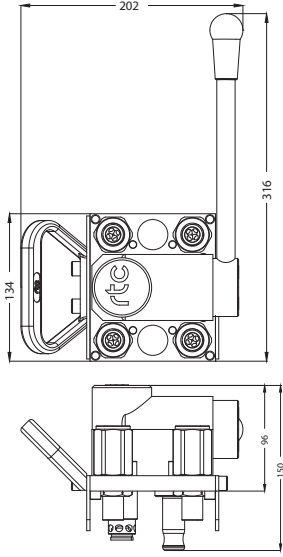

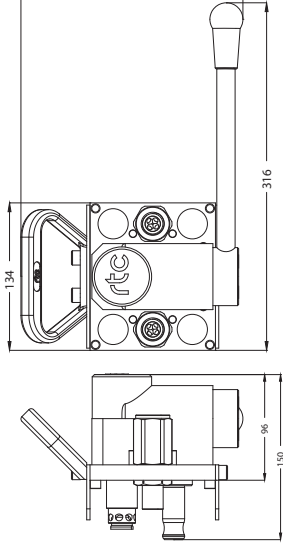

Applications

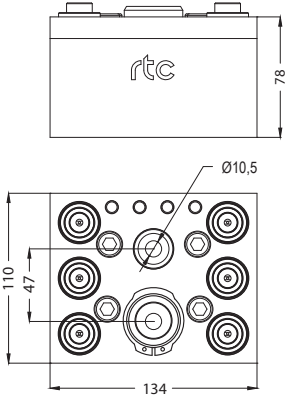
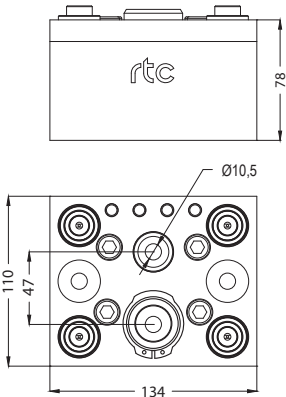
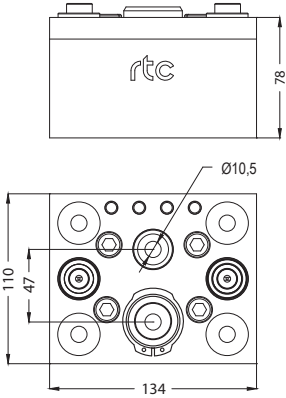
Aluminium die casting
 Test units
 Plastics industry / cooling heating
 Core pullers

Anwendungen

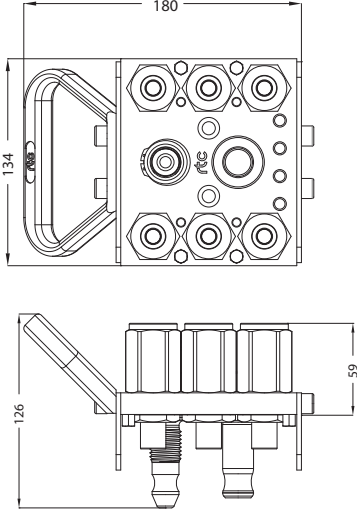

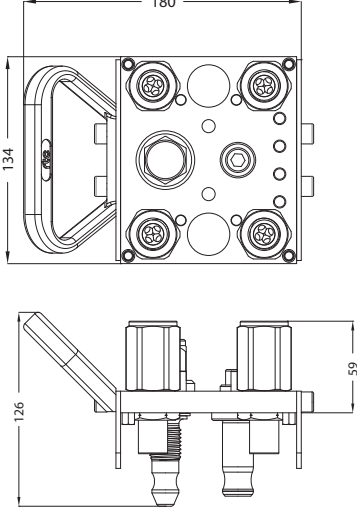

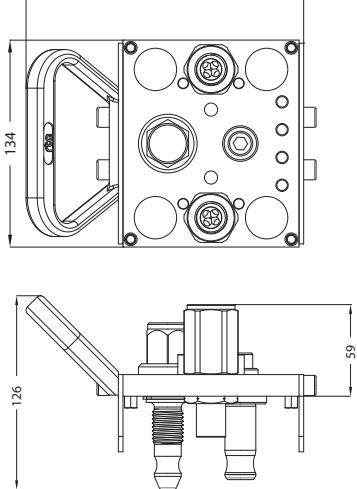

Aluminiumdruckguß
 Prüfstände
 Kunststoffindustrie / Mehrkreistemperierung / Kühlen Temperieren
 Kernzüge

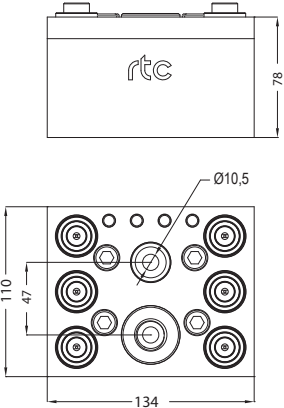
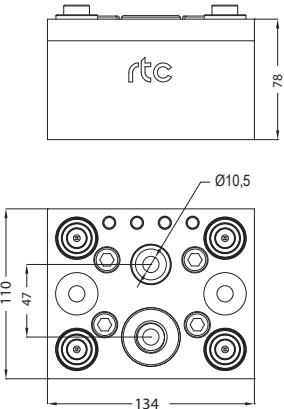
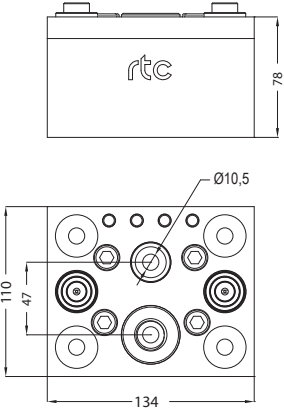
rtc TYPE M 103

TYPE M 103.10	Mobile side with locking mechanism system / Versorgerseite mit Verriegelungsmechanismus		Item code / Artikelnummer
<p>3 ↔ 3</p>		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p> <p>M 103.10-06 PFB 17 M 103.10-06 PFB 21 M 103.10-06 PUB 1418 M 103.10-06 PUB 1916 M 103.10-06 PNB 17 M 103.10-06 PNB 21</p> 
<p>2 ↔ 2</p>		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p> <p>M 103.10-04 PFB 17 M 103.10-04 PFB 21 M 103.10-04 PUB 1418 M 103.10-04 PUB 1916 M 103.10-04 PNB 17 M 103.10-04 PNB 21</p> 
<p>1 ↔ 1</p>		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p> <p>M 103.10-02 PFB 17 M 103.10-02 PFB 21 M 103.10-02 PUB 1418 M 103.10-02 PUB 1916 M 103.10-02 PNB 17 M 103.10-02 PNB 21</p> 

TYPE K 103.10	Mould side / Abnehmerseite			Item code / Artikelnummer
<p>3 ↔ 3</p>		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p>	<p>K 103.10-06 SAB 17 K 103.10-06 SAB 21 K 103.10-06 SAB 1418 U K 103.10-06 SAB 1916 U K 103.10-06 SAB 17 N K 103.10-06 SAB 21 N</p>
<p>2 ↔ 2</p>		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p>	<p>K 103.10-04 SAB 17 K 103.10-04 SAB 21 K 103.10-04 SAB 1418 U K 103.10-04 SAB 1916 U K 103.10-04 SAB 17 N K 103.10-04 SAB 21 N</p>
<p>1 ↔ 1</p>		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p>	<p>K 103.10-02 SAB 17 K 103.10-02 SAB 21 K 103.10-02 SAB 1418 U K 103.10-02 SAB 1916 U K 103.10-02 SAB 17 N K 103.10-02 SAB 21 N</p>

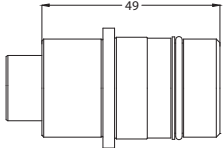

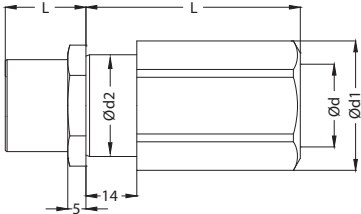
rtc TYPE M 103

TYPE M 103.10	Mobile side with locking screw / Versorgerseite mit Spindelverschraubung		Item code / Artikelnummer
<p>3 ↔ 3</p>		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p> <p>M 103.10-06 PFB 17 LP M 103.10-06 PFB 21 LP M 103.10-06 PUB 1418 LP M 103.10-06 PUB 1916 LP M 103.10-06 PNB 17 LP M 103.10-06 PNB 21 LP</p> 
<p>2 ↔ 2</p>		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p> <p>M 103.10-04 PFB 17 LP M 103.10-04 PFB 21 LP M 103.10-04 PUB 1418 LP M 103.10-04 PUB 1916 LP M 103.10-04 PNB 17 LP M 103.10-04 PNB 21 LP</p> 
<p>1 ↔ 1</p>		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p> <p>M 103.10-02 PFB 17 LP M 103.10-02 PFB 21 LP M 103.10-02 PUB 1418 LP M 103.10-02 PUB 1916 LP M 103.10-02 PNB 17 LP M 103.10-02 PNB 21 LP</p> 

TYPE K 103.10	Mould side with locking nut / Abnehmerseite mit Schraubbuchse		Item code / Artikelnummer	
<p>3 ↔ 3</p> 		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p>	<p>K 103.10-06 SAB 17 LN K 103.10-06 SAB 21 LN K 103.10-06 SAB 1418 U LN K 103.10-06 SAB 1916 U LN K 103.10-06 SAB 17 N LN K 103.10-06 SAB 21 N LN</p>
<p>2 ↔ 2</p> 		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p>	<p>K 103.10-04 SAB 17 LN K 103.10-04 SAB 21 LN K 103.10-04 SAB 1418 U LN K 103.10-04 SAB 1916 U LN K 103.10-04 SAB 17 N LN K 103.10-04 SAB 21 N LN</p>
<p>1 ↔ 1</p> 		<p>Female thread Innengewinde</p>	<p>BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2</p>	<p>K 103.10-02 SAB 17 LN K 103.10-02 SAB 21 LN K 103.10-02 SAB 1418 U LN K 103.10-02 SAB 1916 U LN K 103.10-02 SAB 17 N LN K 103.10-02 SAB 21 N LN</p>

rtc TYPE M 103

TYPE M 103	Parking plate / Parkplatte	Item code / Artikelnummer
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TYPE M 103	Parking plate / Parkplatte	

TYPE M 103.10	Sockets / Kupplungen			Item code / Artikelnummer
		Assembling socket Kupplung für den Einbau	Ø10 mm	103.10 SAB 00 MP
				
TYPE M 103.10	Plugs / Nippel			
		Female thread Innengewinde	BSP 3/8 BSP 1/2 UNF 9/16-18 UNF 3/4-16 NPT 3/8 NPT 1/2	103.10 PFB 17 MP 103.10 PFB 21 MP 103.10 PUB 1418 MP 103.10 PUB 1916 MP 103.10 PNB 17 MP 103.10 PNB 21 MP
		