

Temperature Range - Temperaturbereich

|                           |                                |
|---------------------------|--------------------------------|
| Nitrile (N )              | -20°C + 100°C (- 4°F + 212°F)  |
| FPM (V)                   | -20°C + 180°C (- 4°F + 356°F)  |
| EPDM (Ethylene Propylene) | -40°C + 150°C (- 40°F + 302°F) |

Max. Working Pressure - Max. Betriebsdruck

Please Check the table below

Flow size - Nennweite

|            |       |
|------------|-------|
| rtc 202.04 | 4 mm  |
| rtc 202.06 | 6 mm  |
| rtc 202.10 | 10 mm |
| rtc 202.16 | 16 mm |
| rtc 202.20 | 20 mm |
| rtc 202.32 | 32 mm |

Material of Standard Coupler

Material für die Standartversion

|                                       |                                               |
|---------------------------------------|-----------------------------------------------|
| Socket body -<br>Kupplungsgrundkörper | Steel tenifer threaded -<br>Stahl teneferiert |
| Valve -<br>Ventil                     | Steel tenifer threaded -<br>Stahl teneferiert |
| Springs - Federn                      | Stainless Steel - Edelstahl                   |
| Balls - Kugeln                        | Stainless Steel - Edelstahl                   |
| Locking Ring - Sprengring             | Stainless Steel - Edelstahl                   |
| Plug -<br>Nippel                      | Steel tenifer threaded<br>Stahl teneferiert   |

Compatible - Kompatibilität

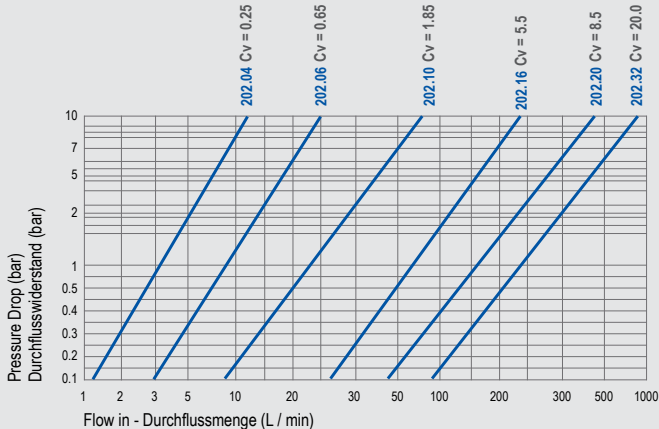
|            |        |
|------------|--------|
| rtc 202.04 | HP-004 |
| rtc 202.06 | HP-006 |
| rtc 202.10 | HP-010 |
| rtc 202.16 | HP-016 |
| rtc 202.20 | HP-020 |
| rtc 202.32 | HP-032 |

| Options / Optionen                            | Add | Example Code        |
|-----------------------------------------------|-----|---------------------|
| Steel<br>Stahl                                | ST  | 202.06 SMB 13-ST    |
| Chemical Nickel Plated<br>Chemisch Vernickelt | KN  | 202.06 SMB 13-ST-KN |



| Nominal Ø<br>Nennweite Ø | Flow Area<br>Fläche | Maximum Working Pressure (Bar) - Maximaler Betriebsdruck (Bar) |                     |                    |
|--------------------------|---------------------|----------------------------------------------------------------|---------------------|--------------------|
|                          |                     | Steel - ST                                                     | 316L Stainless - SS | 420 Stainless - SS |
| 4 mm                     | 13 mm²              | 2.000                                                          | 500                 | 1.000              |
| 6 mm                     | 30 mm²              | 1.000                                                          | 320                 | 650                |
| 10 mm                    | 80 mm²              | 600                                                            | 300                 | 470                |
| 16 mm                    | 200 mm²             | 500                                                            | 250                 | 450                |
| 20 mm                    | 315 mm²             | 400                                                            | 180                 | 350                |
| 32 mm                    | 800 mm²             | 300                                                            | 180                 | 250                |

Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall



# TYPE 202

Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung

Size  
Größe

Order No / Bestellnr.  
With Valve / Mit Ventil

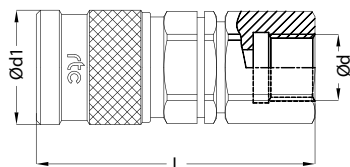
Order No / Bestellnr.  
Without Valve / Ohne Ventil

Ød

Ød1

L

HEX.



04

202.04 SNB 13

202.04 SNF 13

NPT 1/4

30

69

22

06

202.06 SFB 17  
202.06 SNB 17

202.06 SFF 17  
202.06 SNF 17

BSP 3/8  
NPT 3/8

34  
34

75  
82

30  
30

10

202.10 SFB 21  
202.10 SNB 21

202.10 SFF 21  
202.10 SNF 21

BSP 1/2  
NPT 1/2

46  
46

97  
101

41  
41

16

202.16 SFB 26

202.16 SFF 26

BSP 3/4

56

111

46

20

202.20 SFB 33

202.20 SFF 33

BSP 1

62

123

55

# TYPE 202

Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung

Size  
Größe

Order No / Bestellnr.  
With Valve / Mit Ventil

Order No / Bestellnr.  
Without Valve / Ohne Ventil

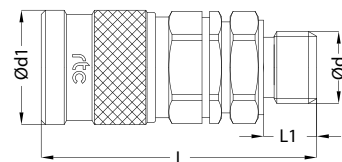
Ød

Ød1

L

L1

HEX.



04

202.04 STB 13-00

202.04 STF 13-00

NPT 1/4

30

72

14

22

06

202.06 SMB 17-00  
202.06 STB 17-00

202.06 SMF 17-00  
202.06 STF 17-00

BSP 3/8  
NPT 3/8

34  
34

76  
76

15  
15

30  
30

10

202.10 SMB 21-00

202.10 SMF 21-00

BSP 1/2

46

98

17

41

16

202.16 SMB 26-00

202.16 SMF 26-00

BSP 3/4

56

116

19

46

20

202.20 SMB 33-00

202.20 SMF 33-00

BSP 1

62

120

21

55

32

202.32 SMB 48-00  
202.32 SMB 60-00

202.32 SMF 48-00  
202.32 SMF 60-00

BSP 1-1/2  
BSP 2

90  
90

145  
150

25  
30

80  
80

# TYPE 202

Male thread socket with 60° sealing cone / Kupplung mit Aussengewinde 60° Dichtkonus



Socket / Kupplung

Size  
Größe

Order No / Bestellnr.  
With Valve / Mit Ventil

Order No / Bestellnr.  
Without Valve / Ohne Ventil

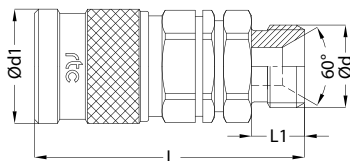
Ød

Ød1

L

L1

HEX.



04

202.04 SMB 13

202.04 SMF 13

BSP 1/4

30

70

12

22

06

202.06 SMB 17  
202.06 STB 17  
202.06 SMB 1415  
202.06 SMB 1615

202.06 SMF 17  
202.06 STF 17  
202.06 SMF 1415  
202.06 SMF 1615

BSP 3/8  
NPT 3/8  
M14x1.5  
M16x1.5

34  
34  
34  
34

78  
81  
76  
77

12  
15  
10  
11

30  
30  
30  
30

10

202.10 SMB 21  
202.10 SMB 1815  
202.10 SMB 2215

202.106 SMF 21  
202.10 SMF 1815  
202.10 SMF 2215

BSP 1/2  
M18x1.5  
M22x1.5

46  
46  
46

96  
92  
93

15  
11  
12

41  
41  
41

16

202.16 SMB 26  
202.16 SMB 2215

202.16 SMF 26  
202.16 SMF 2215

BSP 3/4  
M22x1.5

56  
56

114  
109

17  
12

46  
46

20

202.20 SMB 33  
202.20 SMB 2615  
202.20 SMB 3015

202.20 SMF 33  
202.20 SMF 2615  
202.20 SMF 3015

BSP 1  
M26x1.5  
M30x1.5

62  
62  
62

119  
111  
113

20  
12  
14

55  
55  
55

32

202.32 SMB 3815  
202.32 SMB 4515

202.32 SMF 3815  
202.32 SMF 4515

M38x1.5  
M45x1.5

90  
90

134  
136

14  
16

80  
80



Male thread socket with 24° sealing cone / Kupplung mit Aussengewinde 24° Dichtkonus

TYPE 202

| Socket / Kupplung | Size<br>Größe | Order No / Bestellnr.<br>With Valve / Mit Ventil | Order No / Bestellnr.<br>Without Valve / Ohne Ventil | Ød      | Ød1 | Ød2 | L   | L1 | HEX. |
|-------------------|---------------|--------------------------------------------------|------------------------------------------------------|---------|-----|-----|-----|----|------|
|                   | 06            | 202.06 SMB 1615-08                               | 202.06 SMF 1615-08                                   | M16x1.5 | 34  | 8   | 73  | 12 | 30   |
|                   |               | 202.06 SMB 1815-10                               | 202.06 SMF 1815-10                                   | M18x1.5 | 34  | 10  | 73  | 12 | 30   |
|                   |               | 202.06 SMB 2015-12                               | 202.06 SMF 2015-12                                   | M20x1.5 | 34  | 12  | 73  | 12 | 30   |
|                   | 10            | 202.10 SMB 2015-12                               | 202.10 SMF 2015-12                                   | M20x1.5 | 46  | 12  | 93  | 12 | 41   |
|                   |               | 202.10 SMB 2215-14                               | 202.10 SMF 2215-14                                   | M22x1.5 | 46  | 14  | 95  | 14 | 41   |
|                   |               | 202.10 SMB 2415-16                               | 202.10 SMF 2415-16                                   | M24x1.5 | 46  | 16  | 95  | 14 | 41   |
|                   | 16            | 202.16 SMB 2415-16                               | 202.16 SMF 2415-16                                   | M24x1.5 | 56  | 16  | 111 | 14 | 46   |
|                   |               | 202.16 SMB 3020-20                               | 202.16 SMF 3020-20                                   | M30x2.0 | 56  | 20  | 113 | 16 | 46   |
|                   | 20            | 202.20 SMB 3020-20                               | 202.20 SMF 3020-20                                   | M30x2.0 | 62  | 20  | 115 | 16 | 55   |
|                   |               | 202.20 SMB 3620-25                               | 202.20 SMF 3620-25                                   | M36x2.0 | 62  | 25  | 117 | 18 | 55   |
|                   | 32            | 202.32 SMB 4220-30                               | 202.32 SMF 4220-30                                   | M42x2.0 | 90  | 30  | 140 | 20 | 80   |
|                   |               | 202.32 SMB 5220-38                               | 202.32 SMF 5220-38                                   | M52x2.0 | 90  | 38  | 142 | 22 | 80   |



Male thread socket / Kupplung mit Aussengewinde

TYPE 202

| Socket / Kupplung | Size<br>Größe | Order No / Bestellnr.<br>With Valve / Mit Ventil | Order No / Bestellnr.<br>Without Valve / Ohne Ventil | Ød          | Ød1 | L  | L1 | HEX. |
|-------------------|---------------|--------------------------------------------------|------------------------------------------------------|-------------|-----|----|----|------|
|                   | 04            | 202.04 SUB 1418                                  | 202.04 SUF 1418                                      | UNF 9/16-18 | 30  | 76 | 18 | 22   |



Female thread plug / Nippel mit Innengewinde

TYPE 202

| Plug / Nippel | Size<br>Größe | Order No / Bestellnr.<br>With Valve / Mit Ventil | Ød      | Ød1 | L   | HEX. |
|---------------|---------------|--------------------------------------------------|---------|-----|-----|------|
|               | 04            | 202.04 PNB 13                                    | NPT 1/4 | 30  | 69  | 22   |
|               | 06            | 202.06 PFB 17                                    | BSP 3/8 | 34  | 73  | 30   |
|               |               | 202.06 PNB 17                                    | NPT 3/8 | 34  | 80  | 30   |
|               | 10            | 202.10 PFB 21                                    | BSP 1/2 | 46  | 97  | 41   |
|               |               | 202.10 PNB 21                                    | NPT 1/2 | 46  | 101 | 41   |
|               | 16            | 202.16 PFB 26                                    | BSP 3/4 | 56  | 110 | 46   |
|               | 20            | 202.20 PFB 33                                    | BSP 1   | 62  | 123 | 55   |

# TYPE 202

Male thread plug / Nippel mit Aussengewinde



Plug / Nippel

Size  
Größe

Order No / Bestellnr.  
With Valve / Mit Ventil

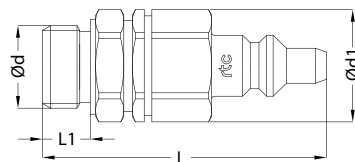
Ød

Ød1

L

L1

HEX.



04

202.04 PTB 13-00

NPT 1/4

30

72

14

22

06

202.06 PMB 17-00

BSP 3/8

34

80

12

30

10

202.10 PMB 21-00

BSP 1/2

46

98

17

41

16

202.16 PMB 26-00

BSP 3/4

56

116

19

46

20

202.20 PMB 33-00

BSP 1

62

120

21

55

32

202.32 PMB 48-00

BSP 1-1/2

90

145

25

80

202.32 PMB 60-00

BSP 2

90

150

30

80

# TYPE 202

Male thread plug with 60° sealing cone / Nippel mit Aussengewinde 60° Dichtkonus



Plug / Nippel

Size  
Größe

Order No / Bestellnr.  
With Valve / Mit Ventil

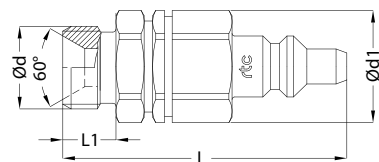
Ød

Ød1

L

L1

HEX.



04

202.04 PMB 13

BSP 1/4

30

70

12

22

06

202.06 PMB 17

BSP 3/8

34

71

12

30

202.06 PTB 17

NPT 3/8

34

74

15

30

202.06 PMB 1415

M14x1.5

34

69

10

30

202.06 PMB 1615

M16x1.5

34

70

11

30

10

202.10 PMB 21

BSP 1/2

46

96

15

41

202.10 PMB 1815

M18x1.5

46

92

11

41

202.10 PMB 2215

M22x1.5

46

93

12

41

16

202.16 PMB 26

BSP 3/4

56

114

17

46

202.16 PMB 2215

M22x1.5

56

109

12

46

20

202.20 PMB 33

BSP 1

62

119

20

55

202.20 PMB 2615

M26x1.5

62

111

12

55

202.20 PMB 3015

M30x1.5

62

113

14

55

32

202.32 PMB 3815

M38x1.5

90

134

14

80

202.32 PMB 4515

M45x1.5

90

136

16

80

# TYPE 202

Male thread plug with 24° sealing cone / Nippel mit Aussengewinde 24° Dichtkonus



Plug / Nippel

Size  
Größe

Order No / Bestellnr.  
With Valve / Mit Ventil

Ød

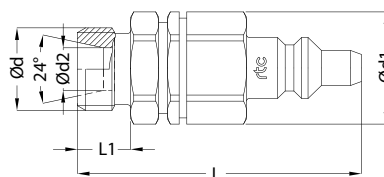
Ød1

Ød2

L

L1

HEX.



06

202.06 PMB 1615-08

M16x1.5

34

8 mm

71

12

30

202.06 PMB 1815-10

M18x1.5

34

10 mm

71

12

30

202.06 PMB 2015-12

M20x1.5

34

12 mm

71

12

30

10

202.10 PMB 2015-12

M20x1.5

46

12 mm

93

12

41

202.10 PMB 2215-14

M22x1.5

46

14 mm

95

14

41

202.10 PMB 2415-16

M24x1.5

46

16 mm

95

14

41

16

202.16 PMB 2415-16

M24x1.5

56

16 mm

111

14

46

202.16 PMB 3020-20

M30x2.0

56

20 mm

113

16

46

20

202.20 PMB 3020-20

M30x2.0

62

20 mm

115

16

55

202.20 PMB 3620-25

M36x2.0

62

25 mm

117

18

55

32

202.32 PMB 4220-30

M42x2.0

90

30 mm

140

20

80

202.32 PMB 5220-38

M52x2.0

90

38 mm

142

22

80



Plug / Nippel

Size  
Größe  
**04**Order No / Bestellnr.  
With Valve / Mit Ventil

202.04 PUB 1418

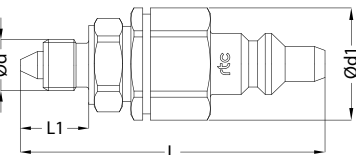
Ød

Ød1

L

L1

HEX.



UNF 9/16-18

30

76

18

22



Plug / Nippel

Size  
Größe  
**06**Order No / Bestellnr.  
Without Valve / Ohne Ventil

202.06 PMF 17-00

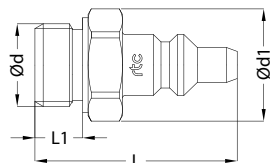
Ød

Ød1

L

L1

HEX.

**06**

202.10 PMF 21-00

BSP 3/8

25

54

15

22

**10**

202.16 PMF 26-00

BSP 1/2

30

63

17

27

**16**

202.20 PMF 33-00

BSP 3/4

40

72

19

36

**20**

202.32 PMF 48-00

BSP 1

45

74

21

41

**32**

202.32 PMF 60-00

BSP 1-1/2

62

91

25

55

BSP 2

86

93

27

75



Plug / Nippel

Size  
Größe  
**04**Order No / Bestellnr.  
Without Valve / Ohne Ventil

202.04 PUF 1418

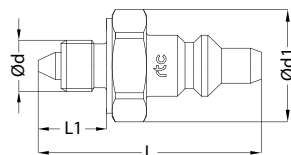
Ød

Ød1

L

L1

HEX.



UNF 9/16-18

19

51

18

17