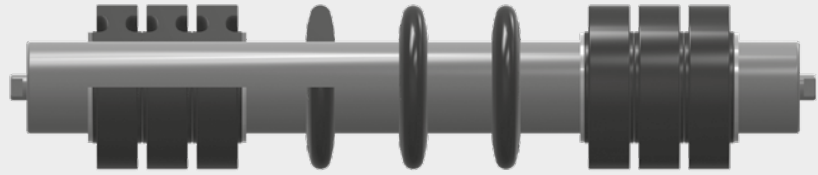


2 Rollers

series with rings



The two sets of flat rings are held in position by steel rings welded to the tube

Øe 108 NL

Base roller:

PSV/1-FHD

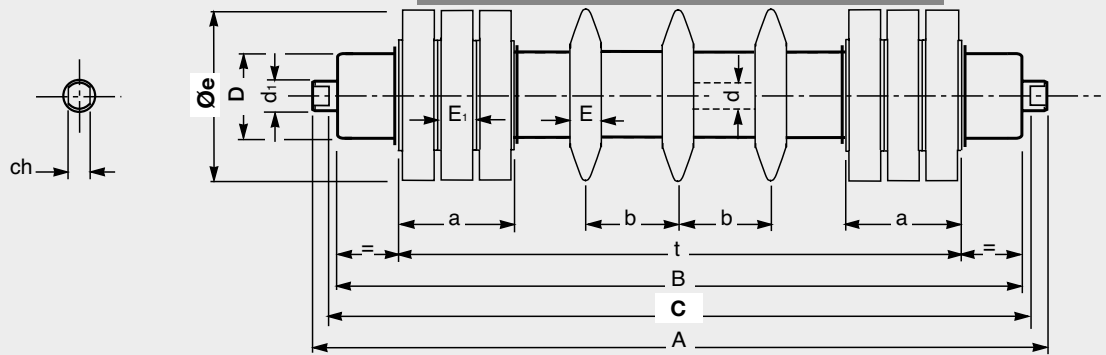
D = 63;
spindle 20; d₁ = 20
bearing 6204
ch = 14

| belt width mm | roller dimensions mm | | | weight Kg | rings n° |
|---------------------|----------------------------|------|------|--------------|-------------|
| | B | C | A | | |
| 300 | 380 | 388 | 406 | 4.6 | 5 |
| 400 | 500 | 508 | 526 | 5.6 | 6 |
| 500 | 600 | 608 | 626 | 6.4 | 7 |
| 650 | 750 | 758 | 776 | 7.6 | 8 |
| 800 | 950 | 958 | 976 | 9.6 | 10 |
| 1000 | 1150 | 1158 | 1176 | 11.3 | 12 |
| 1200 | 1400 | 1408 | 1426 | 13.2 | 13 |
| 1400 | 1600 | 1608 | 1626 | 15.3 | 15 |

| belt width mm | roller length mm | rings | | | | | side n° | central | side |
|---------------------|------------------------|---------|-----|------|----|----------------|------------|---------|------|
| | | a mm | b | t | E | E ₁ | | | |
| 300 | 388 | 90 | 86 | 342 | 25 | 45 | 2 | 1 | 2 |
| 400 | 508 | 90 | 90 | 442 | 25 | 45 | 2 | 2 | 2 |
| 500 | 608 | 90 | 93 | 542 | 25 | 45 | 2 | 3 | 2 |
| 650 | 758 | 90 | 104 | 690 | 25 | 45 | 2 | 4 | 2 |
| 800 | 958 | 135 | 117 | 840 | 25 | 45 | 3 | 4 | 3 |
| 1000 | 1158 | 135 | 112 | 1039 | 25 | 45 | 3 | 6 | 3 |
| 1200 | 1408 | 133 | 123 | 1239 | 25 | 45 | 3 | 7 | 3 |
| 1400 | 1608 | 135 | 118 | 1435 | 25 | 45 | 3 | 9 | 3 |

Example of ordering
standard design
PSV/1-FHD,20F,108NL,1158

for special designs
see pages 80-81



Øe 133 NL

Base roller:

PSV/1-FHD

D = 89;
spindle 20; d₁ = 20
bearing 6204
ch = 14

PSV/2-FHD

D = 89;
spindle 25; d₁ = 25
bearing 6205
ch = 18

PSV/4-FHD

D = 89;
spindle 30; d₁ = 30
bearing 6206
ch = 22

Example of ordering

standard design
PSV/2-FHD, 25F,133NL,1608

for special designs
see pages 80-81

| belt | roller | | | weight | | | rings n° |
|-------------|-------------|------------------|------|-----------|-----------|-----------|-------------|
| | width mm | dimensions mm | | Kg | | | |
| arrangement | B | C | A | PSV/1-FHD | PSV/2-FHD | PSV/4-FHD | total |
| | 500 | 600 | 608 | * | 8.4 | | 9 |
| | 650 | 750 | 758 | * | 10.0 | 11.6 | 10 |
| | 800 | 950 | 958 | * | 12.2 | 14.1 | 12 |
| | 1000 | 1150 | 1158 | * | 14.6 | 16.8 | 14 |
| | 1200 | 1400 | 1408 | * | 17.3 | 19.6 | 15 |
| | 1400 | 1600 | 1608 | * | 19.3 | 22.0 | 16 |
| | 1600 | 1800 | 1808 | * | 21.4 | 24.4 | 17 |
| | 1800 | 2000 | 2008 | * | | 26.8 | 18 |
| | 2000 | 2200 | 2208 | * | | 33.5 | 19 |

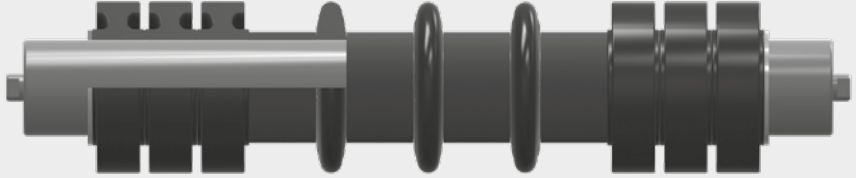
* in relation to the choice of base roller

| belt | roller | rings | | | side | | | | |
|------|--------|-------------|--------------|---------|------|----|---|----------------|----|
| | | width mm | length mm | a mm | b | t | E | E ₁ | n° |
| 500 | 608 | 105 | 84 | 531 | 30 | 35 | 3 | 3 | 3 |
| 650 | 758 | 105 | 98 | 685 | 30 | 35 | 3 | 4 | 3 |
| 800 | 958 | 140 | 115 | 835 | 30 | 35 | 4 | 4 | 4 |
| 1000 | 1158 | 140 | 110 | 1030 | 30 | 35 | 4 | 6 | 4 |
| 1200 | 1408 | 140 | 121 | 1228 | 30 | 35 | 4 | 7 | 4 |
| 1400 | 1608 | 140 | 130 | 1430 | 30 | 35 | 4 | 8 | 4 |
| 1600 | 1808 | 140 | 137 | 1630 | 30 | 35 | 4 | 9 | 4 |
| 1800 | 2008 | 140 | 143 | 1833 | 30 | 35 | 4 | 10 | 4 |
| 2000 | 2208 | 140 | 148 | 2036 | 30 | 35 | 4 | 11 | 4 |

2 Rollers

series with rings

NOTE: A different product configuration is available (see catalogue: "Return rollers with rubber rings VARIANT" available on rulmeca.com). Please get in touch with your Rulmeca contact person to check the availability of the product configuration in your country.



The pointed rings are held in position by PVC distance collars; the flat rings are held in position by external steel rings welded to the tube.

Øe 159 NL

Base roller:

PSV/1-FHD

D = 89;
spindle 20; d₁ = 20
bearing 6204
ch = 14

PSV/2-FHD

D = 89;
spindle 25; d₁ = 25
bearing 6205
ch = 18

PSV/4-FHD

D = 89;
spindle 30; d₁ = 30
bearing 6206
ch = 22

Example of ordering

standard design
PSV/4-FHD,30F,159NL,1808

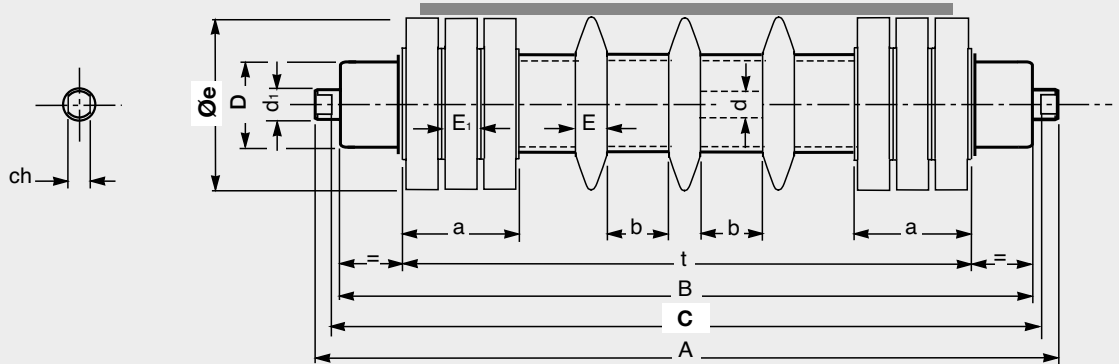
for special designs
see pages 80-81

| belt width mm | roller dimensions mm | | | weight Kg | | | rings n° |
|---------------------|----------------------------|------|---|--------------|-----------|-----------|-------------|
| | B | C | A | PSV/1-FHD | PSV/2-FHD | PSV/4-FHD | |
| 500 | 600 | 608 | * | 9.7 | | | 7 |
| 650 | 750 | 758 | * | 11.4 | 12.9 | | 8 |
| 800 | 950 | 958 | * | 14.4 | 16.2 | 18.4 | 10 |
| 1000 | 1150 | 1158 | * | 16.9 | 19.0 | 21.5 | 12 |
| 1200 | 1400 | 1408 | * | 19.4 | 21.9 | 24.9 | 13 |
| 1400 | 1600 | 1608 | * | 21.6 | 24.3 | 27.6 | 14 |
| 1600 | 1800 | 1808 | * | 23.7 | 26.7 | 30.4 | 15 |
| 1800 | 2000 | 2008 | * | | 29.2 | 33.2 | 16 |
| 2000 | 2200 | 2208 | * | | | 35.9 | 17 |

* in relation to the choice of base roller

| belt width mm | roller length mm | rings | | | | | side n° | central | side |
|---------------------|------------------------|---------|-----|------|----|----------------|------------|---------|------|
| | | a mm | b | t | E | E ₁ | | | |
| 500 | 608 | 100 | 67 | 546 | 30 | 50 | 2 | 3 | 2 |
| 650 | 758 | 100 | 78 | 696 | 30 | 50 | 2 | 4 | 2 |
| 800 | 958 | 150 | 88 | 843 | 30 | 50 | 3 | 4 | 3 |
| 1000 | 1158 | 150 | 84 | 1047 | 30 | 50 | 3 | 6 | 3 |
| 1200 | 1408 | 150 | 96 | 1255 | 30 | 50 | 3 | 7 | 3 |
| 1400 | 1608 | 150 | 104 | 1451 | 30 | 50 | 3 | 8 | 3 |
| 1600 | 1808 | 150 | 110 | 1653 | 30 | 50 | 3 | 9 | 3 |
| 1800 | 2008 | 150 | 121 | 1847 | 30 | 50 | 3 | 10 | 3 |
| 2000 | 2208 | 150 | 116 | 2051 | 30 | 50 | 3 | 11 | 3 |

NOTE: A different product configuration is available (see catalogue: "Return rollers with rubber rings VARIANT" available on rulmeca.com). Please get in touch with your Rulmeca contact person to check the availability of the product configuration in your country.



Øe 180 NL

Base roller:

PSV/1-FHD

D = 108;
spindle 20; d₁ = 20
bearing 6204
ch = 14

PSV/4-FHD

D = 108;
spindle 30; d₁ = 30
bearing 6206
ch = 22

PSV/2-FHD

D = 108;
spindle 25; d₁ = 25
bearing 6205
ch = 18

PSV/7-FHD

D = 108;
spindle 40; d₁ = 40
bearing 6308
ch = 32

| belt width mm | roller dimensions mm | | | weight Kg | | | | rings n° |
|---------------------|----------------------------|------|---|--------------|-----------|-----------|-----------|-------------|
| | B | C | A | PSV/1-FHD | PSV/2-FHD | PSV/4-FHD | PSV/7-FHD | |
| 800 | 950 | 958 | * | 19.9 | 21.8 | 24.1 | 29.6 | 12 |
| 1000 | 1150 | 1158 | * | 23.5 | 25.6 | 28.3 | 34.5 | 14 |
| 1200 | 1400 | 1408 | * | 27.0 | 29.5 | 32.5 | 39.7 | 15 |
| 1400 | 1600 | 1608 | * | 29.9 | 32.7 | 36.1 | 44.0 | 16 |
| 1600 | 1800 | 1808 | * | 32.8 | 35.9 | 39.6 | 48.3 | 17 |
| 1800 | 2000 | 2008 | * | | 39.1 | 43.2 | 52.7 | 18 |
| 2000 | 2200 | 2208 | * | | | 46.7 | 57.0 | 19 |
| 2200 | 2500 | 2508 | * | | | 52.0 | 63.1 | 20 |

* in relation to the choice of base roller

| belt width mm | roller length mm | roller | | | | | rings | | |
|---------------------|------------------------|--------|-----|------|----|----------------|------------|---------|------|
| | | a | b | t | E | E ₁ | side n° | central | side |
| 800 | 958 | 160 | 76 | 838 | 40 | 40 | 4 | 4 | 4 |
| 1000 | 1158 | 160 | 73 | 1041 | 40 | 40 | 4 | 6 | 4 |
| 1200 | 1408 | 160 | 84 | 1238 | 40 | 40 | 4 | 7 | 4 |
| 1400 | 1608 | 160 | 93 | 1439 | 40 | 40 | 4 | 8 | 4 |
| 1600 | 1808 | 160 | 100 | 1638 | 40 | 40 | 4 | 9 | 4 |
| 1800 | 2008 | 160 | 106 | 1840 | 40 | 40 | 4 | 10 | 4 |
| 2000 | 2208 | 160 | 111 | 2042 | 40 | 40 | 4 | 11 | 4 |
| 2200 | 2508 | 160 | 115 | 2241 | 40 | 40 | 4 | 12 | 4 |

Example of ordering

standard design
PSV/4-FHD,30F,180NL,1808

for special designs
see pages 80-81