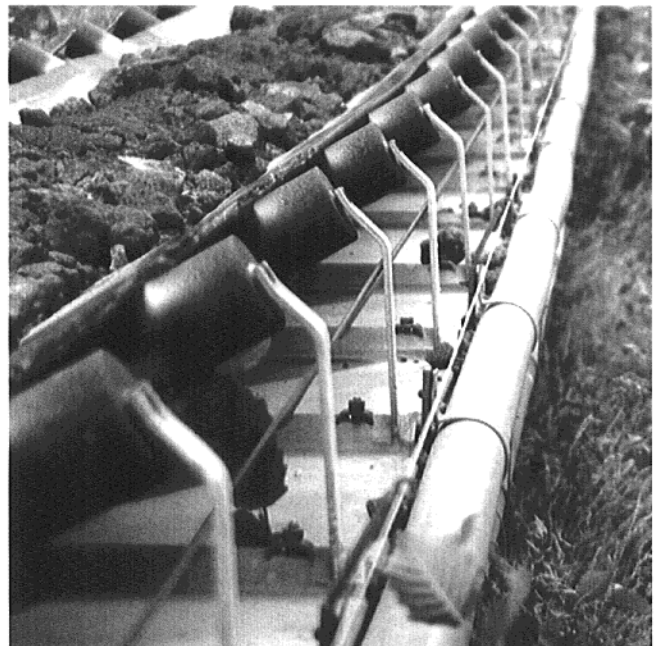


**Gurtbreite 800 mm
Belt width 800 mm**

Stationen
Rollen
Girlanden
Trommeln

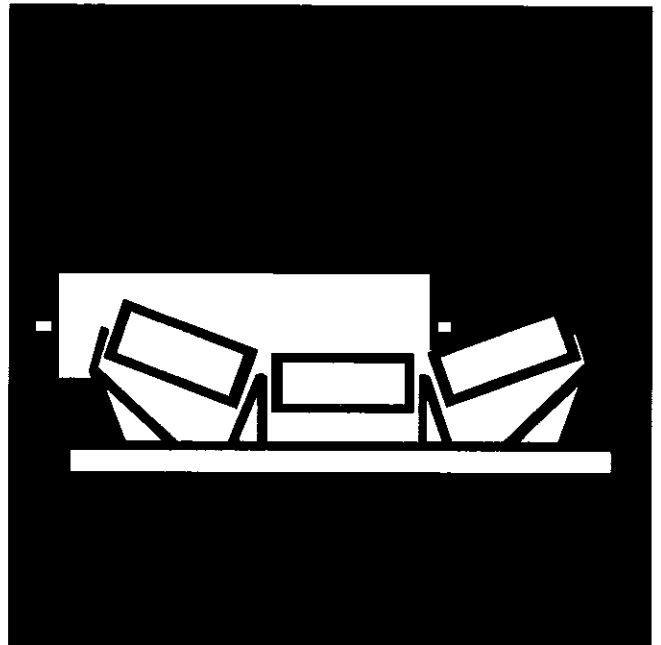
Frames
Rollers
Garlands
Pulleys



Gurtbreite 800 mm
Belt width 800 mm































Stationen
Rollen

Frames
Rollers



Inhalt Gurtbreite 800 mm

Contents Belt width 800 mm

| | | | | Blatt / Sheet | | | |
|---------------|-----------|---|-------------------|----------------|----------------|---|------------------------|
| Station | Obergurt |  | 1-teilig flach | 2.04.01 | Frame |  | single roll flat idler |
| Rolle | Obergurt |  | | 2.04.02 | Carry roller |  | |
| Station | Obergurt |  | 2-teilig gemuldet | 2.04.03 | Frame |  | 2 roll trough idler |
| Rolle | Obergurt |  | | 2.04.04 | Carry roller |  | |
| Station | Obergurt |  | 3-teilig gemuldet | 2.04.05 | Frame |  | 3 roll trough idler |
| Rolle | Obergurt |  | | 2.04.06 | Carry roller |  | |
| Polsterrollen | Obergurt |  | | 2.04.07 | Impact rollers |  | |
| Station | Untergurt |  | 1-teilig flach | 2.04.08 | Frame |  | single roll flat idler |
| Rolle | Untergurt |  | | 2.04.09 | Return roller |  | |
| Stützringe | Untergurt |  | | 2.04.10 | Rubber disc's |  | |
| Station | Untergurt |  | 2-teilig gemuldet | 2.04.11 | Frame |  | 2 roll flat idler |
| Rolle | Untergurt |  | | 2.04.12 | Return roller |  | |
| Stützringe | Untergurt |  | | 2.04.13 | Rubber disc's |  | |
| Dachstation | Untergurt |  | 2-teilig gemuldet | 2.04.14 | Roof frame |  | 2 roll trough idler |
| Rollen | Untergurt |  | | 2.04.12 | Return rollers |  | |

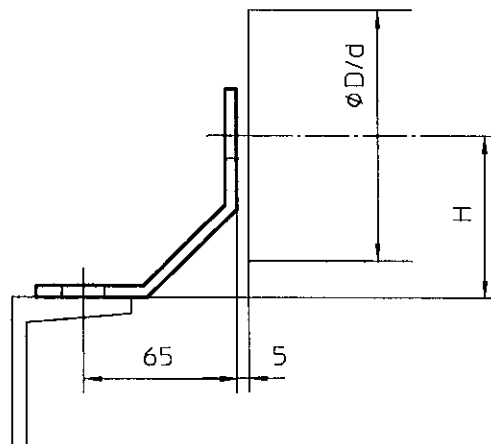
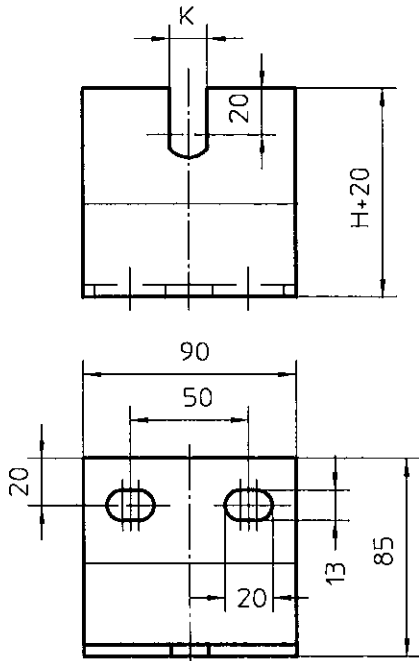
**FLACHGURT-STATIONEN
FRAMES FOR FLAT BELT**



**OBERGURT
CARRYING BELT**

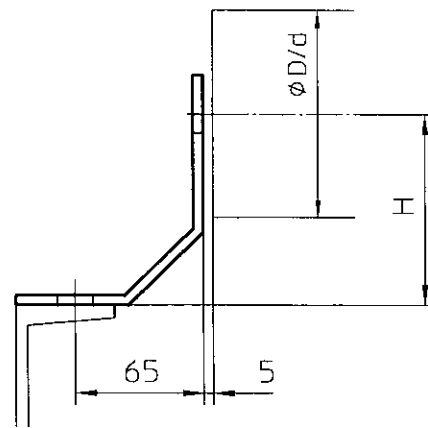
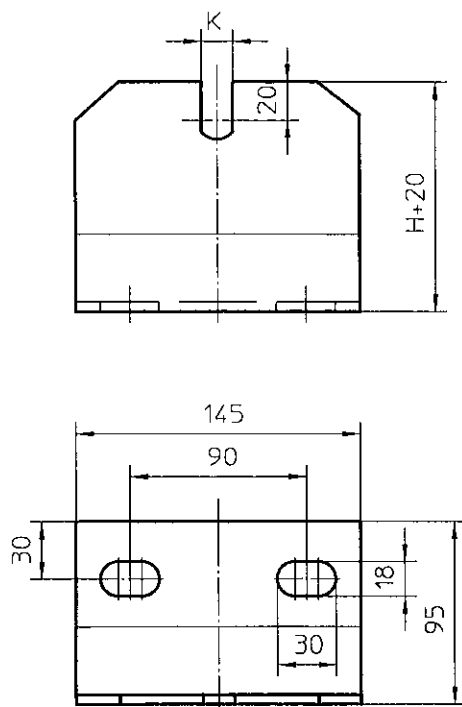
800

Ausführung 1 / Design 1



| D | H | K | Achs ø d1 Shaft ø d1 | SW** | Masse/kg pro Stück Mass/kg per piece | |
|------|-----|-----|-------------------------------|------|---|-----|
| | | | | | 1 | 2 |
| 63,5 | 70 | 15 | 20 | 14 | 0,5 | 0,8 |
| 89 | | 16 | 20 | 15 | | |
| 108 | | 31* | 20 | 30 | | |
| 133 | 100 | 15 | 20 | 14 | 0,7 | 1,0 |
| 159 | | 16 | 20 | 15 | | |
| | | 19 | 25 | 18 | | |
| | | 31* | 20 | 30 | | |

* Aufsteckkappen / Adaptor caps
** SW = Schlüsselweite / width across flat



Ausführung 2 / Design 2

**Bestellangaben:
Order details:**

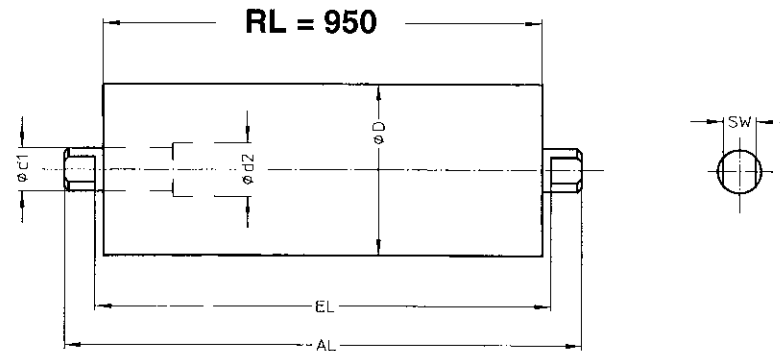
Flachgurt-Stationen. Ausführung 1 H = 100, K = 16
Frames for flat belt. Design 1 H = 100, K = 16

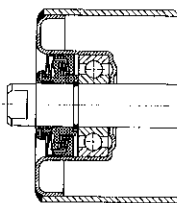
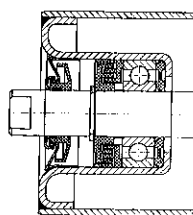
Rollen siehe Blatt Nr. 2.04.02
Rollers refer to Sheet No. 2.04.02

**ROLLEN
ROLLERS**

**OBERGURT
CARRYING BELT**

800



| Rollentyp Roller type | D | Achsdurchmesser d1 / Shaft diameter Kugellager / Ball bearings | | | | | | | | | | | |
|--|------|---|---------------------------------|---------------|---------------------------------|--------------|---------------------------------|--------------|---------------------------------|------------|--|------------|--|
| | | 20 6204 | | 25/20 6204 | | 25 6205 | | 25 6305 | | 30 6206 | | 30 6306 | |
| | | Masse in kg / Mass in kg | | | | | | | | | | | |
| | | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | | | | |
| SE  | 63,5 | 5,5 | 3,0 | 6,7 | 3,0 | | | | | | | | |
| | 89 | 8,6 | 6,0 | 9,7 | 6,0 | | | | | | | | |
| | 108 | 9,9 | 7,4 | 11,0 | 7,4 | | | | | | | | |
| | 133 | 14,7 | 11,8 | 15,5 | 11,8 | | | | | | | | |
| ML  | 63,5 | 7,3 | 4,5 | 8,7 | 4,5 | 8,8 | 4,9 | | | | | | |
| | 89 | 9,0 | 6,2 | 10,0 | 6,2 | 10,3 | 6,3 | 10,6 | 7,2 | | | | |
| | 108 | 11,9 | 8,9 | 12,9 | 8,9 | 12,9 | 8,9 | 14,4 | 10,0 | | | | |
| | 133 | 16,5 | 13,4 | 17,5 | 13,4 | 17,6 | 13,6 | 18,1 | 15,3 | | | | |

Anschlußmaße / Connecting dimensions

| | Achsenden A2 nach DIN 15207 von 1960 Shaft ends A2 to DIN 15207 dtd. 1960 | | | Achsenden A2 nach DIN 15207 von 1988 Shaft ends A2 to DIN 15207 dtd. 1988 | | |
|----|--|-----|-----|--|-----|-----|
| | d1 | SW | EL | AL | SW | EL |
| 20 | 15* | 956 | 982 | 14 | 958 | 982 |
| 25 | | | | 18 | 958 | 982 |

* Bei Rollen mit Achsdurchmesser 20 mm empfehlen wir die vom Markt bevorzugte Ausführung mit SW 15. / For rollers with the shaft diameter 20 mm we recommend the design with presently enjoys market preference.

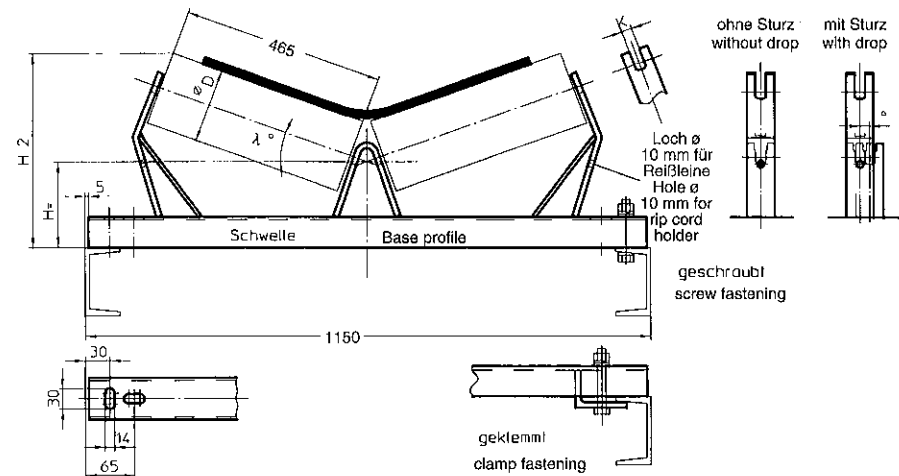
Bestellangaben: Rollen Typ; D; d2/d1; RL; Kugellager; SW, z. B.: Rolle ML, 108, 20; 950 – 6204/15. Die Angabe d2 ist nur erforderlich, wenn d2 > als d1 sein muß.
Order details: Roller type; D; d2/d1; RL; ball bearing; SW, e.g.: Roller ML, 108, 20; 950 – 6204/15. Detail d2 is only necessary when d2 must be > than d1.

**ROLLENSTATIONEN
ROLLER FRAMES**



**OBERGURT
CARRYING BELT**

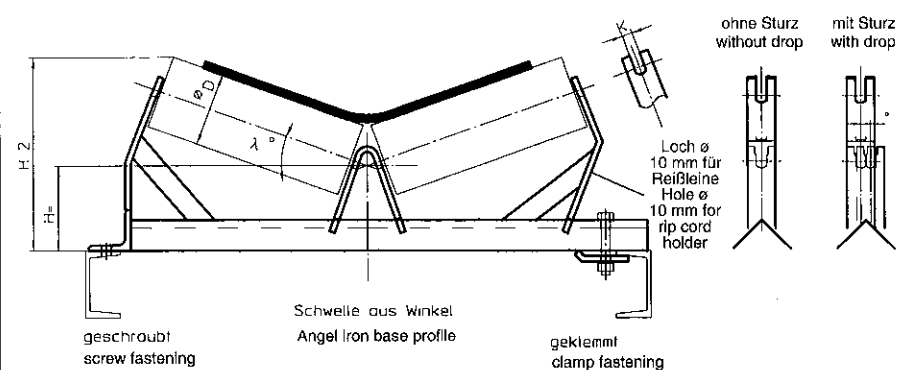
800



| Klinkung K Slot K | SW** | Achs ø Shaft ø |
|----------------------|------|-------------------|
| 15 | 14 | 20 |
| 16 | 15 | 20 |
| 19 | 18 | 25 |
| 31* | 30 | 20 |

* Aufsteckkappen / Adaptor caps
** Schlüsselweite / width across flat

| Schwelle Base profile | D | H | H 2 bei 20° H 2 at 20° | Masse in kg o. Rollen bei Mass in kg without rollers at | | | |
|--|------|-----|---------------------------------|--|-------|-------|-------|
| | | | | λ 15° | λ 20° | λ 25° | λ 30° |
| U 70 x 50 x 4 kaltgewalzt U 70 x 50 x 4 cold-rolled | 63,5 | 125 | 320 | 7,3 | 7,5 | 7,7 | 8,0 |
| | 89 | | 333 | | | | |
| | 108 | | 340 | | | | |
| | 133 | 150 | 380 | 7,7 | 7,9 | 8,1 | 8,4 |




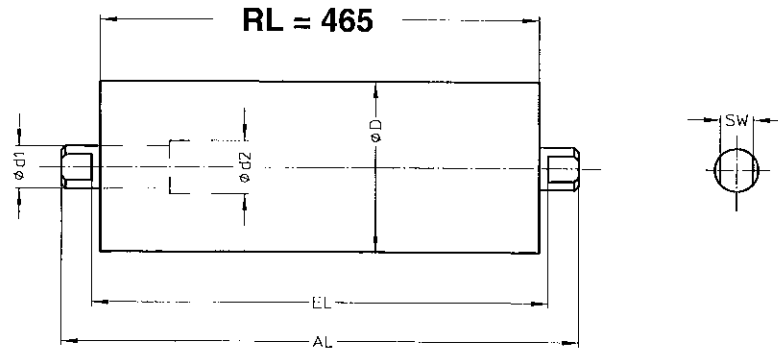
| Klinkung K Slot K | SW** | Achs ø Shaft ø |
|----------------------|------|-------------------|
| 15 | 14 | 20 |
| 16 | 15 | 20 |
| 19 | 18 | 25 |
| 31* | 30 | 20 |

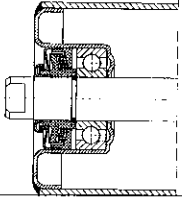
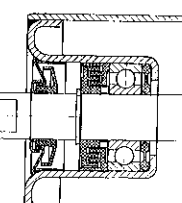
* Aufsteckkappen / Adaptor caps
** Schlüsselweite / width across flat

| Schwelle Base profile | D | H | H 2 bei 20° H 2 at 20° | Masse in kg o. Rollen bei Mass in kg without rollers at | | | |
|--------------------------|------|-----|---------------------------------|--|-------|-------|-------|
| | | | | λ 15° | λ 20° | λ 25° | λ 30° |
| ∠ 70 x 70 x 7 | 63,5 | 125 | 320 | 11,2 | 11,6 | 12,0 | 12,5 |
| | 89 | | 333 | | | | |
| | 108 | | 340 | | | | |
| | 133 | 150 | 380 | 11,6 | 12,0 | 12,4 | 12,9 |

Bestellangaben: 2-tlg. OB-Station. GB-800, λ 20°, K = 16 für Ro. ø 89 mm, ohne Sturz. Schwelle U 70
Rollen siehe Blatt Nr. 2.04.04 / Befestigungsmaterial siehe Kapitel Zubehör
Order details: 2-part CB-Station, BW-800, λ 20°, K = 16, for Ro. Dia. 89 mm, without drop, base profile U 70
Rollers refer to Sheet No. 2.04.04 / Fastening material, refer to chapter Accessories

| | | | |
|---------------------------|---|-----------------------------------|------------|
| ROLLEN ROLLERS |  | OBERGURT CARRYING BELT | 800 |
|---------------------------|---|-----------------------------------|------------|




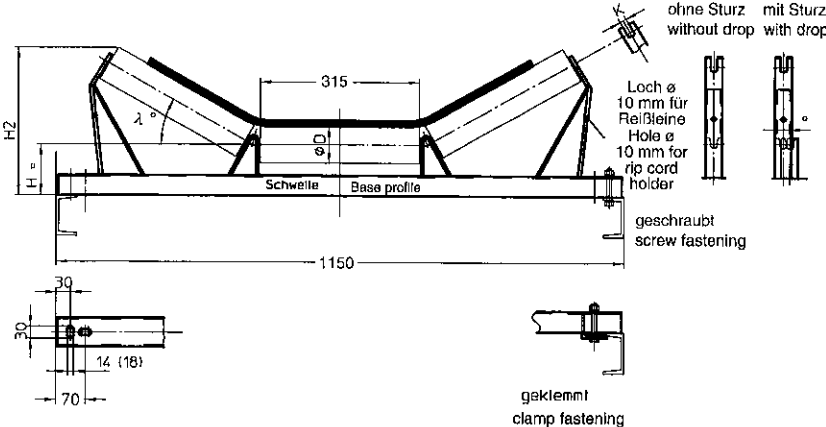
| Rollentyp Roller type | D | Achsdurchmesser d1 / Shaft diameter Kugellager / Ball bearings | | | | | | | | | |
|--|------|---|---------------------------------|--------------|---------------------------------|--------------|---------------------------------|------------|--|------------|--|
| | | 20 6204 | | 25 6205 | | 25 6305 | | 30 6206 | | 30 6306 | |
| | | Masse in kg / Mass in kg | | | | | | | | | |
| | | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | | | | |
| SE  | 63,5 | 3,0 | 1,7 | | | | | | | | |
| | 89 | 4,6 | 3,2 | | | | | | | | |
| | 108 | 5,3 | 3,9 | | | | | | | | |
| | 133 | 7,8 | 6,3 | | | | | | | | |
| ML  | 63,5 | 3,9 | 2,5 | 4,9 | 2,8 | | | | | | |
| | 89 | 4,9 | 3,6 | 5,6 | 3,6 | 5,9 | 3,8 | | | | |
| | 108 | 6,6 | 5,2 | 6,9 | 4,9 | 7,2 | 5,2 | | | | |
| | 133 | 9,1 | 7,7 | 9,4 | 7,4 | 9,9 | 7,8 | | | | |

| Anschlußmaße / Connecting dimensions | | | | | | |
|--|-----|-----|--|----|-----|-----|
| Achsenden A2 nach DIN 15207 von 1960 Shaft ends A2 to DIN 15207 dtd. 1960 | | | Achsenden A2 nach DIN 15207 von 1988 Shaft ends A2 to DIN 15207 dtd. 1988 | | | |
| d1 | SW | EL | AL | SW | EL | AL |
| 20 | 15* | 471 | 491 | 14 | 473 | 491 |
| 25 | | | | 18 | 473 | 497 |

* Bei Rollen mit Achsdurchmesser 20 mm empfehlen wir die vom Markt bevorzugte Ausführung mit SW 15. / For rollers with the shaft diameter 20 mm we recommend the design with presently enjoys market preference.

Bestellangaben: Rolle Typ; D; d2/d1; RL; Kugellager; SW, z. B.: Rolle SE 89; 20; 465 – 6204/15. Die Angabe d2 ist nur erforderlich, wenn d2 > als d1 sein muß.
Order details: Roller type; D; d2/d1; RL; ball bearing; SW, e.g.: Roller SE 89; 20; 465 – 6204/15. Detail d2 is only necessary when d2 must be > than d1.

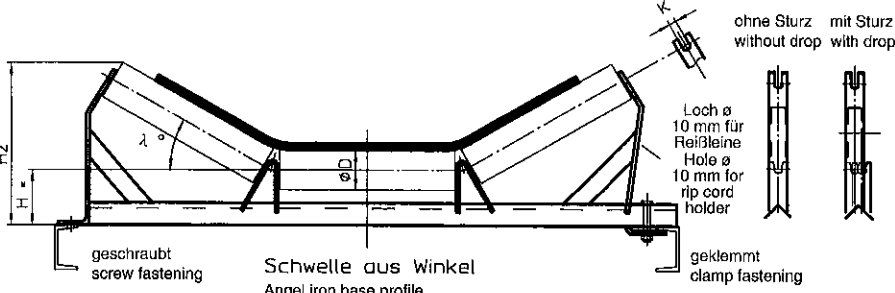
| | | | |
|-----------------------------|---|-----------------------------------|------------|
| STATIONEN FRAMES |  | OBERGURT CARRYING BELT | 800 |
|-----------------------------|---|-----------------------------------|------------|



| Klinkung K Slot K | SW** | Achs ø Shaft ø |
|----------------------|------|-------------------|
| 15 | 14 | 20 |
| 16 | 15 | 20 |
| 19 | 18 | 25 |
| 31* | 30 | 20 |

* Aufsteckkappen / Adaptor caps
** Schlüsselweite / width across flat

| Schwelle Base profile | D | H | H 2 bei 30° H 2 at 30° | Masse in kg o. Rollen bei Mass in kg without rollers at | | | |
|--|-------------------|------------|---------------------------------|--|--------------|--------------|--------------|
| | | | | λ 15° | λ 20° | λ 30° | λ 35° |
| U 70 x 50 x 4 kaltgewalzt U 70 x 50 x 4 cold-rolled | 63,5 89 108 | 125 | 321 332 340 | 7,5 | 7,7 | 8,0 | 8,2 |
| U 100 x 50 x 5 kaltgewalzt U 100 x 50 x 5 cold-rolled | 89 108 133 | 125 150 | 332 340 375 | 10,2 10,5 | 10,5 10,8 | 11,0 11,3 | 11,3 11,7 |
| U 100 warmgewalzt U 100 hot-rolled | 89 108 133 | 125 150 | 332 340 375 | 15,0 15,4 | 15,3 15,7 | 15,8 16,2 | 16,2 16,6 |




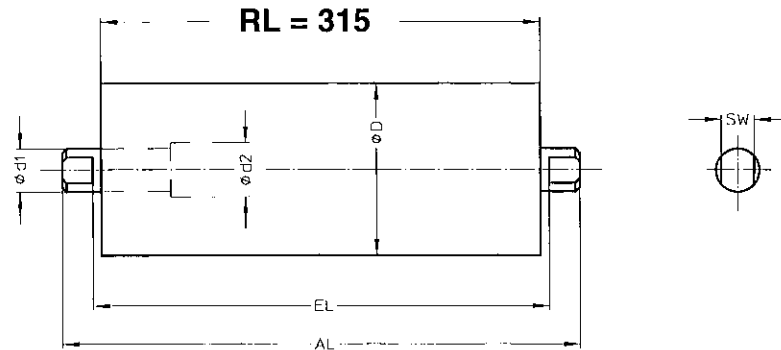
| Klinkung K Slot K | SW** | Achs ø Shaft ø |
|----------------------|------|-------------------|
| 15 | 14 | 20 |
| 16 | 15 | 20 |
| 19 | 18 | 25 |
| 31* | 30 | 20 |

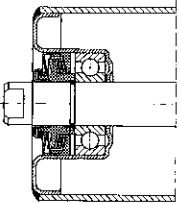
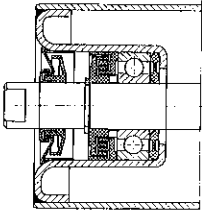
* Aufsteckkappen / Adaptor caps
** Schlüsselweite / width across flat

| Schwelle Base profile | D | H | H 2 bei 30° H 2 at 30° | Masse in kg o. Rollen bei Mass in kg without rollers at | | | |
|--------------------------|-------------------|------------|---------------------------------|--|--------------|--------------|--------------|
| | | | | λ 15° | λ 20° | λ 25° | λ 30° |
| ∠ 60 x 60 x 6 | 63,5 89 108 | 125 | 321 332 340 | 8,9 | 9,2 | 9,7 | 10,0 |
| ∠ 70 x 70 x 7 | 89 108 133 | 125 150 | 332 340 375 | 12,1 12,5 | 12,4 12,8 | 12,9 13,3 | 13,3 13,7 |

Bestellangaben: 3-tlg. OB-Station, GB-800, λ 30°, K = 16 für Ro. ø 89 mm, ohne Sturz. Schwelle U 70
Order details: 3-part CB-Frame, BW-800, λ 30°, K = 16, for Ro. Dia. 89 mm, without drop, base profile U 70
 Rollen siehe Blatt Nr. 2.04.06 / Befestigungsmaterial siehe Kapitel Zubehör
 Rollers refer to Sheet No. 2.04.06 / Fastening material, refer to chapter Accessories

| | | | |
|---------------------------------|---|---|------------|
| ROLLEN ROLLERS |  | OBERGURT CARRYING BELT | 800 |
|---------------------------------|---|---|------------|



| Rollentyp Roller type | D | Achsdurchmesser d1 / Shaft diameter Kugellager / Ball bearings | | | | | | | | | |
|--|------|---|---------------------------------|--------------|---------------------------------|--------------|---------------------------------|------------|--|------------|--|
| | | 20 6204 | | 25 6205 | | 25 6305 | | 30 6206 | | 30 6306 | |
| | | Masse in kg / Mass in kg | | | | | | | | | |
| | | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | | | | |
| SE  | 63,5 | 2,2 | 1,3 | | | | | | | | |
| | 89 | 3,3 | 2,4 | | | | | | | | |
| | 108 | 3,8 | 2,9 | | | | | | | | |
| | 133 | 5,7 | 4,6 | | | | | | | | |
| ML  | 63,5 | 1,9 | 1,8 | 3,6 | 2,2 | | | | | | |
| | 89 | 3,7 | 2,7 | 4,2 | 2,7 | 4,5 | 2,9 | | | | |
| | 108 | 4,9 | 3,9 | 5,2 | 3,7 | 5,4 | 3,9 | | | | |
| | 133 | 6,8 | 5,7 | 6,9 | 5,5 | 7,4 | 5,9 | | | | |

| Anschlußmaße / Connecting dimensions | | | | | | |
|--------------------------------------|--|-----|-----|--|-----|-----|
| | Achsenden A2 nach DIN 15207 von 1960 Shaft ends A2 to DIN 15207 dtd. 1960 | | | Achsenden A2 nach DIN 15207 von 1988 Shaft ends A2 to DIN 15207 dtd. 1988 | | |
| | d1 | SW | EL | AL | SW | EL |
| 20 | 15* | 321 | 341 | 14 | 323 | 341 |
| 25 | | | | 18 | 323 | 347 |

* Bei Rollen mit Achsdurchmesser 20 mm empfehlen wir die vom Markt bevorzugte Ausführung mit SW 15. / For rollers with the shaft diameter 20 mm we recoment the design with presently enjoys market preference.

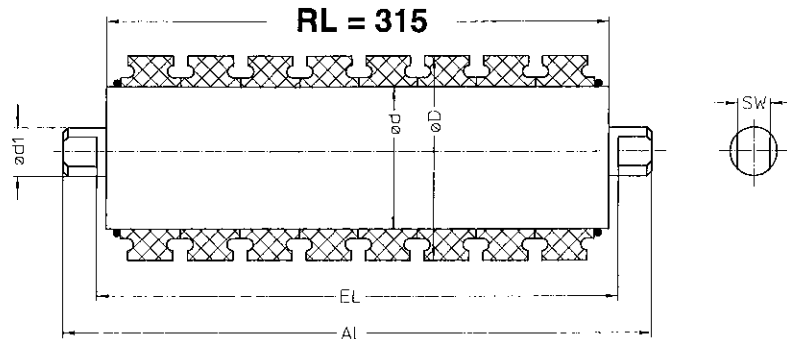
Bestellangaben: Rolle Typ; D; d2/d1; RL; Kugellager; SW, z. B.: Rolle ML 89; 20; 315 – 6204/15. Die Angabe d2 ist nur erforderlich, wenn d2 > als d1 sein muß.
Order details: Roller type; D; d2/d1; RL; ball bearing; SW, e.g.: Roller ML 89; 20; 315 – 6204/15. Detail d2 is only necessary when d2 must be > than d1.

**POLSTERROLLEN
IMPACT ROLLERS**



**OBERGURT
CARRYING BELT**

800



**Rollentyp
Roller type**

d

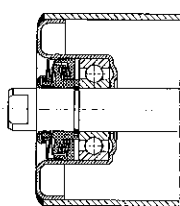
D

**Achsdurchmesser d1 / Shaft diameter
Kugellager / Ball bearings**

| | | | | |
|------|------|------|------|------|
| 20 | 25 | 25 | 30 | 30 |
| 6204 | 6205 | 6305 | 6206 | 6306 |

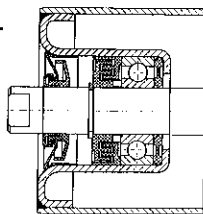
Masse in kg / Mass in kg

SE



| | | | | | | | | | | | | | |
|------|-----|-----|-----|--|--|--|--|--|--|--|--|--|--|
| 63,5 | 89 | 3,4 | 2,5 | | | | | | | | | | |
| 63,5 | 108 | 3,9 | 3,0 | | | | | | | | | | |
| 89 | 133 | 5,5 | 4,6 | | | | | | | | | | |
| 89 | 159 | 6,5 | 5,6 | | | | | | | | | | |
| 108 | 159 | 7,0 | 6,1 | | | | | | | | | | |

ML



| | | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|
| 63,5 | 89 | 3,9 | 3,0 | 4,9 | 3,4 | | | | | | | | |
| 63,5 | 108 | 4,4 | 3,5 | 5,4 | 3,9 | | | | | | | | |
| 89 | 133 | 5,9 | 4,9 | 6,4 | 4,9 | 6,7 | 5,1 | | | | | | |
| 89 | 159 | 6,9 | 5,9 | 7,4 | 5,9 | 7,7 | 6,1 | | | | | | |
| 108 | 159 | 8,1 | 7,1 | 8,4 | 6,9 | 8,6 | 7,1 | | | | | | |

Anschlußmaße / Connecting dimensions


**Achsenden A2 nach DIN 15207 von 1960
Shaft ends A2 to DIN 15207 dtd. 1960**

**Achsenden A2 nach DIN 15207 von 1988
Shaft ends A2 to DIN 15207 dtd. 1988**

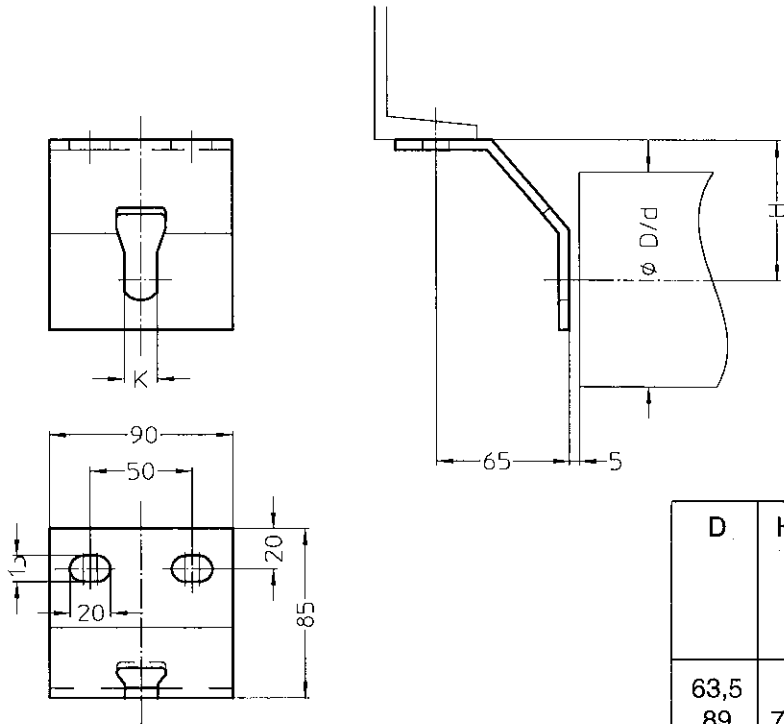
| | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| d1 | SW | EL | AL | SW | EL | AL |
| 20 | 15* | 321 | 341 | 14 | 323 | 341 |
| 25 | | | | 18 | 323 | 347 |

* Bei Rollen mit Achsdurchmesser 20 mm empfehlen wir die vom Markt bevorzugte Ausführung mit SW 15. / For rollers with the shaft diameter 20 mm we recommend the design with presently enjoys market preference.

Bestellangaben: Rolle Typ; D/d; d2/d1; RL; Kugellager; SW, z. B.: Polsterrolle ML 108/63,5; 20; 315 – 6204/15. Die Angabe d2 ist nur erforderlich, wenn d2 > als d1 sein muß.
Order details: Roller type; D/d; d2/d1; RL; ball bearing; SW, e.g.: impact roller ML 108/63,5; 20; 315 – 6204/15. Detail d2 is only necessary when d2 must be > than d1.

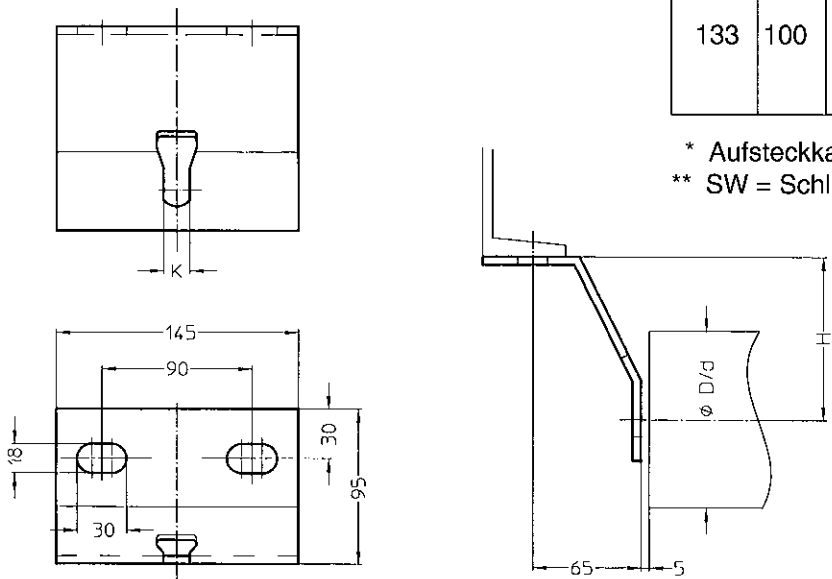
| | | | |
|---|---|----------------------------------|--------------|
| UNTERGURT-STATIONEN FRAMES FOR RETURN BELT |  | UNTERGURT RETURN BELT | <h1>800</h1> |
|---|---|----------------------------------|--------------|

Ausführung 1 / Design 1




| D | H | K | Achs ø d1 Shaft ø d1 | SW** | Masse/kg pro Stück Mass/kg per piece | |
|------|-----|-----|-------------------------------|------|---|-----|
| | | | | | 1 | 2 |
| 63,5 | 70 | 15 | 20 | 14 | 0,5 | 0,8 |
| 89 | | 16 | 20 | 15 | | |
| 108 | | 31* | 20 | 30 | | |
| 133 | 100 | 15 | 20 | 14 | 0,7 | 1,0 |
| | | 16 | 20 | 15 | | |
| | | 19 | 25 | 18 | | |
| | | 31* | 20 | 30 | | |

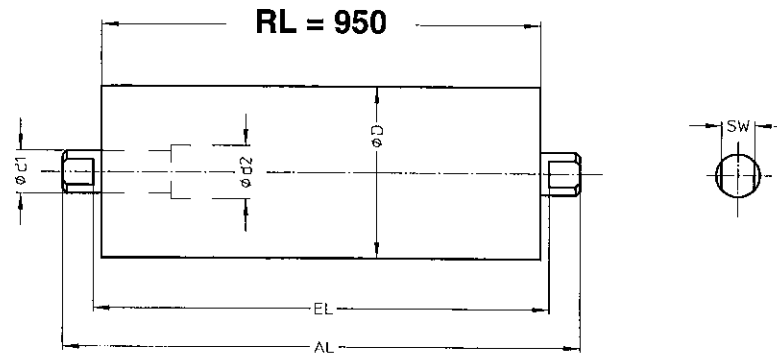
* Aufsteckkappen / Adaptor caps
 ** SW = Schlüsselweite / width across flat

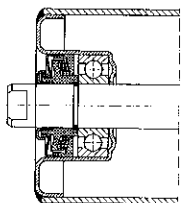
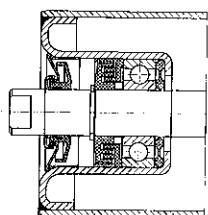


Ausführung 2 / Design 2

| | | |
|---|--|--|
| Bestellangaben: Order details: | Untergurt-Stationen. Ausführung 1 H = 100, K = 16 Frame for return belt. Design 1 H = 100, K = 16 | Rollen siehe Blatt Nr. 2.04.02 Rollers refer to Sheet No. 2.04.02 |
|---|--|--|

| | | | |
|---------------------------|---|----------------------------------|------------|
| ROLLEN ROLLERS |  | UNTERGURT RETURN BELT | 800 |
|---------------------------|---|----------------------------------|------------|



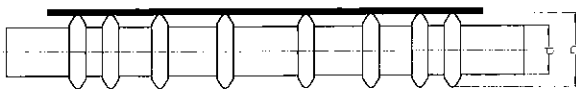
| | | | | | | | | | | | | | |
|---|------|---|------------------------|---------------|------------------------|--------------|------------------------|--------------|------------------------|------------|--|------------|--|
| Rollentyp Roller type | D | Achsdurchmesser d1 / Shaft diameter Kugellager / Ball bearings | | | | | | | | | | | |
| | | 20 6204 | | 25/20 6204 | | 25 6205 | | 25 6305 | | 30 6206 | | 30 6306 | |
| | | Masse in kg / Mass in kg | | | | | | | | | | | |
| | | kpl. cpl. | dreh. rot. parts | kpl. cpl. | dreh. rot. parts | kpl. cpl. | dreh. rot. parts | kpl. cpl. | dreh. rot. parts | | | | |
| SE  | 63,5 | 5,5 | 3,0 | 6,7 | 3,0 | | | | | | | | |
| | 89 | 8,6 | 6,0 | 9,7 | 6,0 | | | | | | | | |
| | 108 | 9,9 | 7,4 | 11,0 | 7,4 | | | | | | | | |
| | 133 | 14,7 | 11,8 | 15,5 | 11,8 | | | | | | | | |
| ML  | 63,5 | 7,3 | 4,5 | 8,7 | 4,5 | 8,8 | 4,9 | | | | | | |
| | 89 | 9,0 | 6,2 | 10,0 | 6,2 | 10,3 | 6,3 | 10,6 | 7,2 | | | | |
| | 108 | 11,9 | 8,9 | 12,9 | 8,9 | 12,9 | 8,9 | 14,4 | 10,0 | | | | |
| | 133 | 16,5 | 13,4 | 17,5 | 13,4 | 17,6 | 13,6 | 18,1 | 15,3 | | | | |

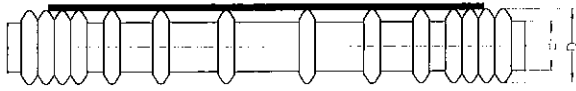
| | | | | | | |
|----|--|-----|-----|--|-----|-----|
| | Anschlußmaße / Connecting dimensions | | | | | |
| | Achsenden A2 nach DIN 15207 von 1960 Shaft ends A2 to DIN 15207 dtd. 1960 | | | Achsenden A2 nach DIN 15207 von 1988 Shaft ends A2 to DIN 15207 dtd. 1988 | | |
| d1 | SW | EL | AL | SW | EL | AL |
| 20 | 15* | 956 | 982 | 14 | 958 | 982 |
| 25 | | | | 18 | 958 | 982 |

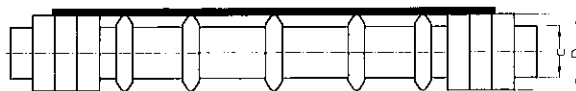
* Bei Rollen mit Achsdurchmesser 20 mm empfehlen wir die vom Markt bevorzugte Ausführung mit SW 15. / For rollers with the shaft diameter 20 mm we recoment the design with presently enjoys market preference.

Bestellangaben: Rolle Typ; D; d2/d1; RL; Kugellager; SW, z. B.: Rolle Typ ML 108; 20; 950 – 6204/15. Die Angabe d2 ist nur erforderlich, wenn d2 > als d1 sein muß.
Order details: Roller type; D; d2/d1; RL; ball bearing; SW, e.g.: Roller type ML 108; 20; 950 – 6204/15. Detail d2 is only necessary when d2 must be > than d1.

| | | | |
|---|--|----------------------------------|------------|
| STÜTZRINGANORDNUNG RUBBER DISC ARRANGEMENT | | UNTERGURT RETURN BELT | 800 |
|---|--|----------------------------------|------------|

| | | | | | | |
|--|--|--------|----------------------------|------------|---|---|
|  <p> <input type="checkbox"/> ohne Zwischenhülsen <input type="checkbox"/> without spacer sleeves <input type="checkbox"/> mit Zwischenhülsen und Sicherungsringen <input type="checkbox"/> with spacer sleeves and locking rings </p> <p>Bitte bei der Anfrage/Bestellung angeben. Please declare for request/order.</p> | Anordnung Form I Arrangement form I | | | | | |
| | d | D | | | ohne Hülsen without sleeves | mit Hülsen with sleeves |
| | | | Ringanzahl No. of rings | | Bestück.- masse kg Equip.- mass kg | Bestück.- masse kg Equip.- mass kg |
| 63,5 89 | 108 133 | 8 8 | | 0,9 2,2 | 1,2 3,0 | |

| | | | | | | |
|---|--|--------|----------------------------|------------|---|---|
|  <p> <input type="checkbox"/> ohne Zwischenhülsen <input type="checkbox"/> without spacer sleeves <input type="checkbox"/> mit Zwischenhülsen und Sicherungsringen <input type="checkbox"/> with spacer sleeves and locking rings </p> <p>Bitte bei der Anfrage/Bestellung angeben. Please declare for request/order.</p> | Anordnung Form II Arrangement form II | | | | | |
| | d | D | | | ohne Hülsen without sleeves | mit Hülsen with sleeves |
| | | | Ringanzahl No. of rings | | Bestück.- masse kg Equip.- mass kg | Bestück.- masse kg Equip.- mass kg |
| 63,5 89 | 108 133 | 4 4 | 14 14 | 1,5 3,9 | 1,9 4,7 | |

| | | | | | | |
|--|--|--------|----------------------------|------------|---|---|
|  <p> <input type="checkbox"/> ohne Zwischenhülsen <input type="checkbox"/> without spacer sleeves <input type="checkbox"/> mit Zwischenhülsen und Sicherungsringen <input type="checkbox"/> with spacer sleeves and locking rings </p> <p>Bitte bei der Anfrage/Bestellung angeben. Please declare for request/order.</p> | Anordnung Form III Arrangement form III | | | | | |
| | d | D | | | ohne Hülsen without sleeves | mit Hülsen with sleeves |
| | | | Ringanzahl No. of rings | | Bestück.- masse kg Equip.- mass kg | Bestück.- masse kg Equip.- mass kg |
| 63,5 89 | 108 133 | 6 6 | 5 5 | 2,3 3,5 | 2,6 4,3 | |

Andere Anordnungen auf Anfrage / Other arrangements on request
Grundrolle siehe Blatt Nr. 2.06.09 / Basic roller refer to Sheet No. 2.06.09

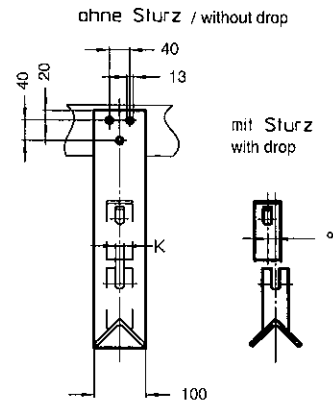
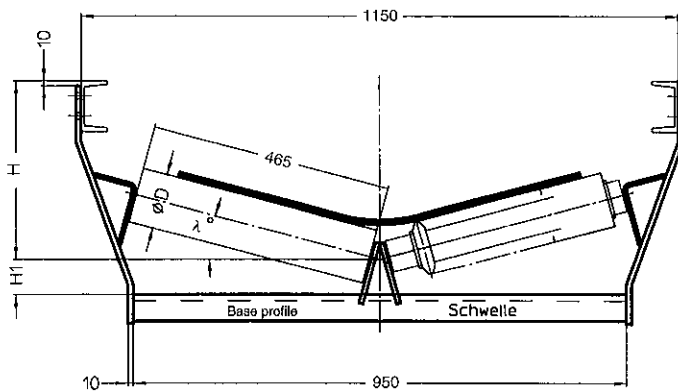
Bestellangaben: Stützringanordnung, Gurtbreite, Form, D, Grundrolle mit/ohne Hülsen, z. B.: Stützringanordnung, 800, I, 108, SE 63,5 x 950, o. Hülsen
Order details: Rubber disc arrangement, Belt width, form D, basic roller, with/without spacer sleeves, e.g.: rubber disc arrangement 800, I, 108 SE 63,5 x 950, without sleeves

STATIONEN FRAMES



UNTERGURT RETURN BELT

800




| Klinkung K Slot K | SW** | Achs ø Shaft dia. |
|----------------------|------|----------------------|
| 15 | 14 | 20 |
| 16 | 15 | 20 |
| 19 | 18 | 25 |
| 31* | 30 | 20 |

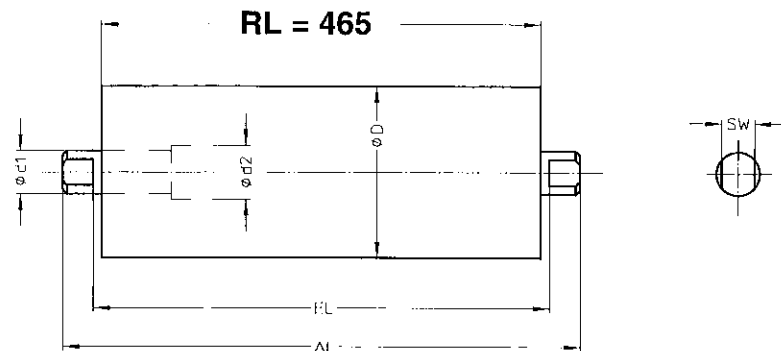
* Aufsteckkappen / Adaptor caps
** Schlüsselweite / width across flat

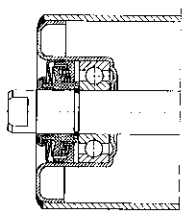
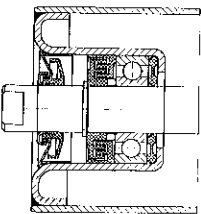
| Schwelle Base profile | D | H 10° | H 15° | H1 | Masse in kg o. Rollen Mass in kg without rollers | |
|--------------------------|----------|----------|----------|----|---|-------|
| | | | | | λ 10° | λ 15° |
| ↘ 70 x 70 x 7 | 89 | 290 | 340 | 60 | 15,2 | 15,8 |
| | 108 | 300 | 350 | 70 | 15,8 | 16,4 |
| | 133 | 315 | 365 | 80 | 16,4 | 17,0 |
| ↘ 70 x 70 x 7 | 108/63,5 | 300 | 350 | 70 | 15,8 | 16,4 |
| | 133/89 | 315 | 365 | 80 | 16,4 | 17,0 |

Bestellangaben: 2-tlg. UB-Station. GB-800, λ 10°, K = 16 für Ro. ø 89 mm, Schwelle ↘ 70 x 7, Rollen siehe Blatt Nr. 2.04.12
Befestigungsmaterial siehe Kapitel Zubehör

Order details: 2-part UB-frame, BW-800, λ 10°, K = 16, for Ro. Dia. 89 mm, base profile ↘ 70 x 7, Rollers refer to Sheet No. 2.04.12
Fastening material, refer to chapter Accessories

| | | | |
|---------------------------|---|----------------------------------|------------|
| ROLLEN ROLLERS |  | UNTERGURT RETURN BELT | 800 |
|---------------------------|---|----------------------------------|------------|




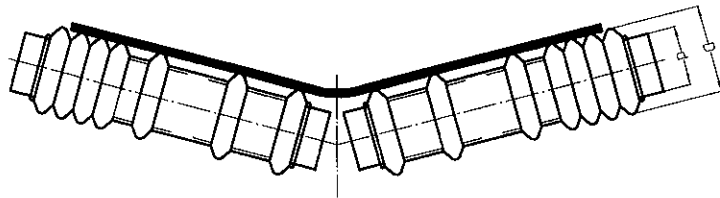
| Rollentyp Roller type | D | Achsdurchmesser d1 / Shaft diameter Kugellager / Ball bearings | | | | | | | | | |
|--|------|---|---------------------------------|--------------|---------------------------------|--------------|---------------------------------|------------|--|------------|--|
| | | 20 6204 | | 20 6205 | | 25 6305 | | 30 6206 | | 30 6306 | |
| | | Masse in kg / Mass in kg | | | | | | | | | |
| | | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | | | | |
| SE  | 63,5 | 3,0 | 1,7 | | | | | | | | |
| | 89 | 4,6 | 3,2 | | | | | | | | |
| | 108 | 5,3 | 3,9 | | | | | | | | |
| | 133 | 7,8 | 6,3 | | | | | | | | |
| ML  | 63,5 | 3,9 | 2,5 | 4,9 | 2,8 | | | | | | |
| | 89 | 4,9 | 3,6 | 5,6 | 3,6 | 5,9 | 3,8 | | | | |
| | 108 | 6,6 | 5,2 | 6,9 | 4,9 | 7,2 | 5,2 | | | | |
| | 133 | 9,1 | 7,7 | 9,4 | 7,4 | 9,9 | 7,8 | | | | |

| Anschlußmaße / Connecting dimensions | | | | | | |
|--|-----|-----|--|----|-----|-----|
| Achsenden A2 nach DIN 15207 von 1960 Shaft ends A2 to DIN 15207 dtd. 1960 | | | Achsenden A2 nach DIN 15207 von 1988 Shaft ends A2 to DIN 15207 dtd. 1988 | | | |
| d1 | SW | EL | AL | SW | EL | AL |
| 20 | 15* | 471 | 491 | 14 | 473 | 497 |
| 25 | | | | 18 | 473 | 497 |

* Bei Rollen mit Achsdurchmesser 20 mm empfehlen wir die vom Markt bevorzugte Ausführung mit SW 15. / For rollers with the shaft diameter 20 mm we recommend the design with presently enjoys market preference.

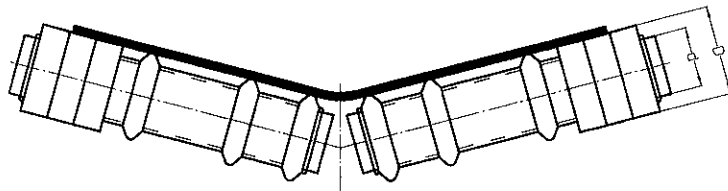
Bestellangaben: Rolle Typ; D; d2/d1; RL; Kugellager; SW, z. B.: Rolle ML 89; 20; 465 – 6204/15. Die Angabe d2 ist nur erforderlich, wenn d2 > als d1 sein muß.
Order details: Roller type; D; d2/d1; RL; ball bearing; SW, e.g.: Roller ML 89; 20; 465 – 6204/15. Detail d2 is only necessary when d2 must be > than d1.

| | | | |
|---|---|--|--------------|
| STÜTZRINGANORDNUNG RUBBER DISC ARRANGEMENT |  | UNTERGURT RETURN BELT | <h1>800</h1> |
|---|---|--|--------------|



mit Zwischenhülsen und Sicherungsringen
 with spacer sleeves and locking rings

| | | Anordnung Form IV Arrangement form IV | | |
|------|-----|--|--------------------|---|
| d | D | Ringanzahl No. of rings | | Bestück.- masse kg Equip.- mass kg |
| | | Paket Packet | Gesamt Complete | |
| 63,5 | 108 | 4 | 7 | 1,0 |
| 89 | 133 | 4 | 7 | 2,3 |



mit Zwischenhülsen und Sicherungsringen
 with spacer sleeves and locking rings

| | | Anordnung Form V Arrangement form V | | |
|------|-----|--|---|---|
| d | D | Ringanzahl No. of rings | | Bestück.- masse kg Equip.- mass kg |
| | | B | A | |
| 63,5 | 108 | 3 | 3 | 1,4 |
| 89 | 133 | 3 | 3 | 2,3 |

Andere Anordnungen auf Anfrage / Other arrangements on request
 Grundrolle siehe Blatt Nr. 2.04.12 / Basic roller refer to Sheet No. 2.04.12

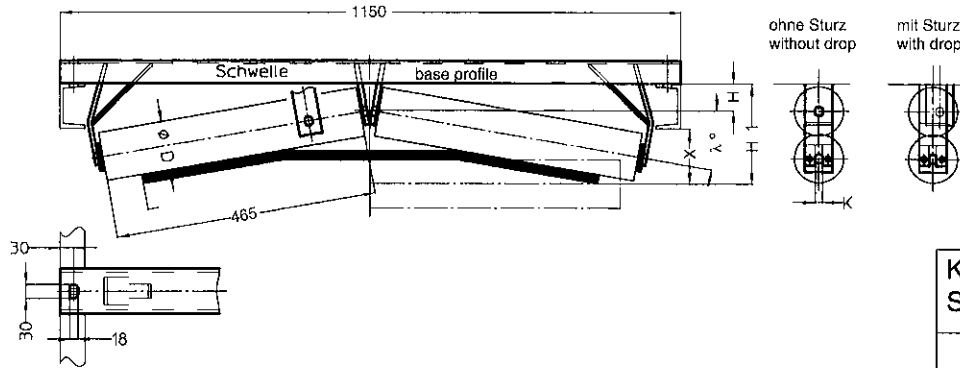
Bestellangaben: Stützringanordnung, Gurtbreite, Form, D, Grundrolle, z. B.: Stützringanordnung, 800, V, 133, SE 89 x 465
Order details: Rubber disc arrangement, Belt width, form, D, basic roller, e.g.: rubber disc arrangement 800, V, 133 SE 89 x 465

DACHSTATIONEN ROOF FRAMES



UNTERGURT RETURN BELT

800



| Klinkung K Slot K | SW* | Achs ø Shaft ø |
|----------------------|-----|-------------------|
| 15 | 14 | 20 |
| 16 | 15 | 20 |
| 19 | 18 | 25 |

* Schlüsselweite /
width across flat

| Schwelle Base profile | D | H | X | H1 | Masse in kg o. Rollen bei Mass in kg without rollers at | |
|---------------------------------------|------|----|-----|-----|--|-------|
| | | | | | λ 10° | λ 15° |
| U 80 Warmgewalzt U 80 hot-rolled | 63,5 | 40 | | | 12,0 | 12,3 |
| | 89 | 50 | 70 | 170 | 12,2 | 12,5 |
| | 108 | 60 | | | 12,5 | 12,7 |
| | 133 | 60 | 100 | 200 | 12,5 | 12,7 |
| U 100 Warmgewalzt U 100 hot-rolled | 63,5 | 40 | | | 15,2 | 15,7 |
| | 89 | 50 | 70 | 170 | 15,5 | 16,0 |
| | 108 | 60 | | | 15,8 | 16,3 |
| | 133 | 60 | 100 | 200 | 15,8 | 16,3 |

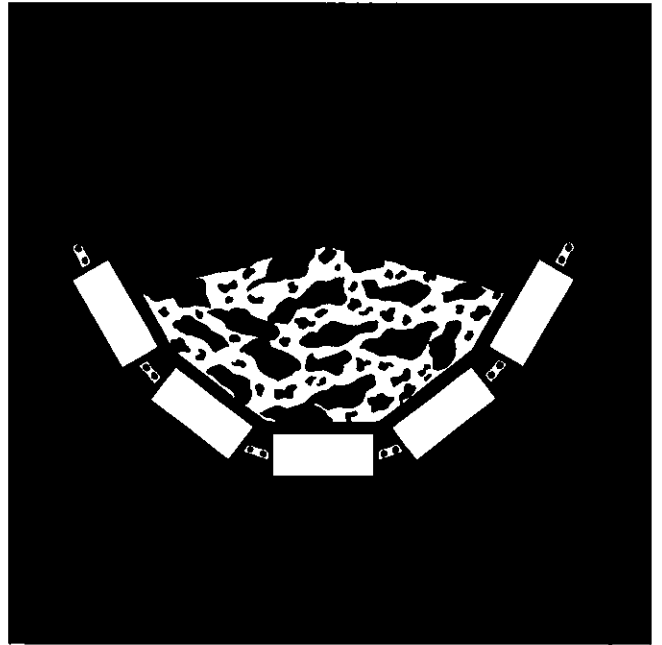
Bestellangaben: 2-tlg. Dachstation. GB-800, λ 10°, K = 16 für Ro. ø 89 mm, Schwelle U 80, Rollen siehe Blatt Nr. 2.04.12
Befestigungsmaterial siehe Kapitel Zubehör

Order details: 2-part roof frame, BW-800, λ 10°, K = 16, for Ro. Dia. 89 mm, base profile U 80, Rollers refer to Sheet No. 2.04.12
Fastening material, refer to chapter Accessories

Gurtbreite 800 mm
Belt width 800 mm

Girlanden

Garlands



Inhalt Girlanden Gurtbreite 800 mm

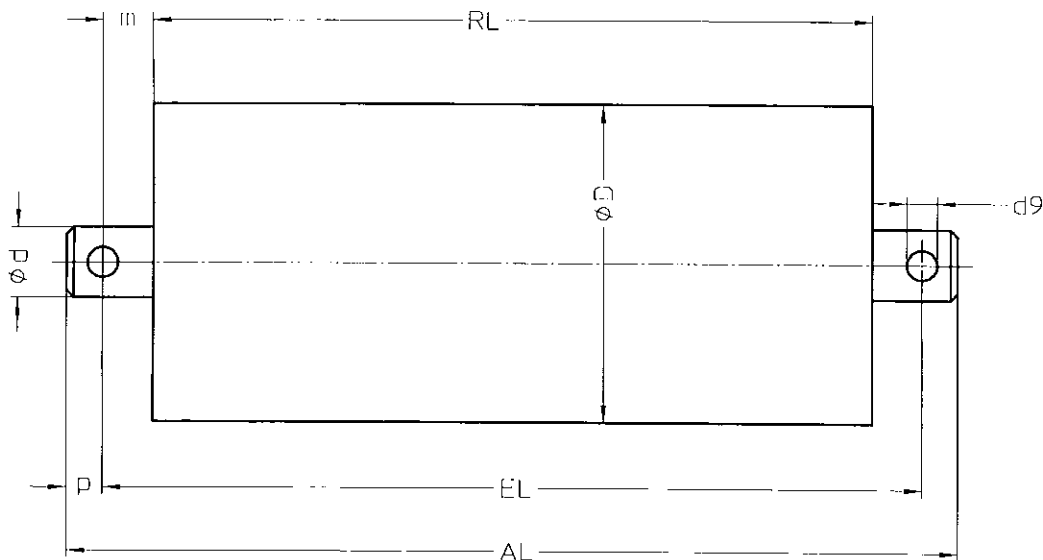
Content garlands belt width 800 mm

Blatt / Sheet

| | | | | |
|------------------------------------|--------------------|----------------|-------------------------------------|----------------------|
| Auswahltabelle für Girlanden | | 2.04. 0 | Selectiontable for Garlands | |
| Girlandenrollen | 3-teilig Obergurt | 2.04.15 | Garland rollers | 3-part carrying belt |
| Girlandenpolsterrollen | 3-teilig Obergurt | 2.04.16 | Impact garland rollers | 3-part carrying belt |
| Girlandenrollen | 2-teilig Untergurt | 2.04.22 | Garland roller | 2-part return belt |
| Girlanden- Stützringanordnungen | 2-teilig Untergurt | 2.04.23 | Garland rubber disc arrangements | 2 part return belt |

Maßgrundlagen für Girlandenrollen

Dimension basics for garland rollers

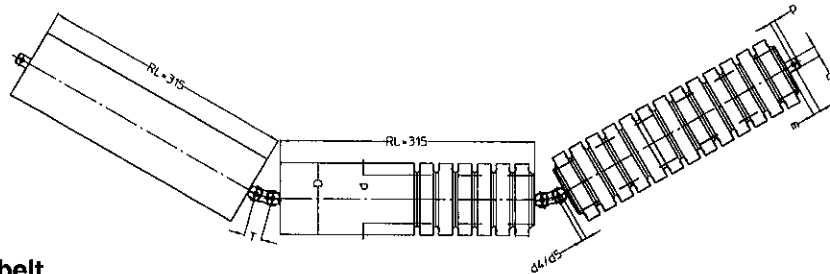


| Kugellager Ball bearing | Achs $\varnothing d$ [mm] Shaft $\varnothing d$ [mm] | Verbindungsglied* connection element | $d9$ | m | p |
|----------------------------|---|---|------|-----|-----|
| 6204 | 20 | VG 8-25 VG 8-32 | 8.5 | 14 | 10 |
| 6205/6305 | 25 | VG 10-32 VG 10-38 | 10.5 | 16 | 12 |
| 6206/6306 | 30 | VG 12-38 VG 12-44 | 12.5 | 20 | 15 |

* Verbindungsglieder siehe Kapitel 3, Blatt Nr. 3.00.18 / Connection element refer to chapter 3, Sheet No 3.00.18

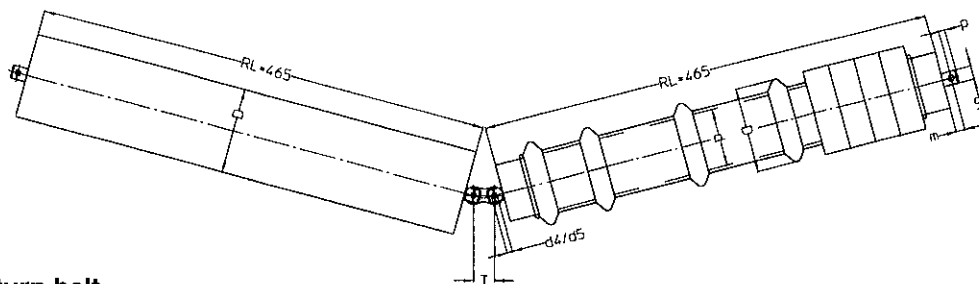
Auswahltabelle für Girlanden
Gurtbreite 800 mm

Selectiontable for garlands
Belt width 800 mm




Obergurt / Carrying belt

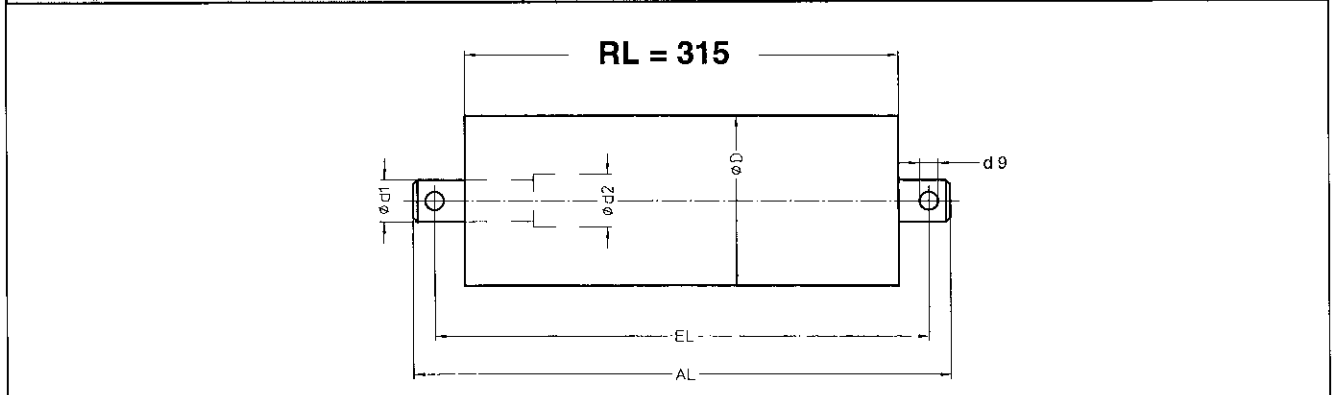
| Rollientyp | Rollen ø | Polsterrollen | Achs ø | Tellung | Bolzen ø | Schrauben ø | Abstand | Muldung bis Troughing up to | Verbindungs-glied Intercon. element VG | Aufhängung Form Suspension design |
|-------------|-------------------|--|---------|----------|----------|-------------|----------|-----------------------------|--|-----------------------------------|
| Roller type | Roller ø | Rubber ring ø | Shaft ø | Division | Bolts ø | Screws ø | Distance | | | |
| | D | d/D | d1 | T | d5 | d4 | m/p | | | |
| SE/ML | 63,5/89/108/(133) | 63,5/89 + 63,5/108 + 89/133 + 89/159 + 108/159 | 20 | 25,40 | 8,27 | M 8 | 14/10 | 45° (35°) | VG 8-25 | 1 + 2 + 3 + 5 + 9 |
| SE/ML | 63,5/89/108/133 | 63,5/89 + 63,5/108 + 89/133 + 89/159 + 108/159 | 20 | 31,75 | 8,27 | M 8 | 14/10 | 45° | VG 8-32 | 1 bis 5+9 |
| ML | 63,5/89/108/133 | 63,5/89 + 63,5/108 + 89/133 + 89/159 + 108/159 | 25 | 31,75 | 10,17 | M 10 | 16/12 | 45° | VG 10-32 | 1 + 2 + 3 + 5 |
| ML | 63,5/89/108/133 | 63,5/89 + 63,5/108 + 89/133 + 89/159 + 108/159 | 25 | 38,10 | 10,17 | M 10 | 16/12 | 45° | VG 10-38 | 1 bis 5 |

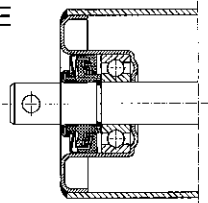
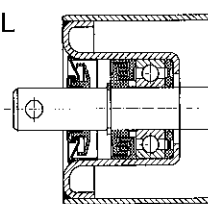


Untergurt / Return belt

| Rollientyp | Rollen ø | Stützringrollen ø | Achs ø | Tellung | Bolzen ø | Schrauben ø | Abstand | Muldung bis Troughing up to | Verbindungs-glied Intercon. element VG | Aufhängung Form Suspension design |
|-------------|-----------------|-----------------------------|---------|----------|----------|-------------|----------|-----------------------------|--|-----------------------------------|
| Roller type | Roller ø | Impact ring ø | Shaft ø | Division | Bolts ø | Screws ø | Distance | | | |
| | D | d/D | d1 | T | d5 | d4 | m/p | | | |
| SE/ML | 63,5/89/108/133 | 63,5/108 + 89/133 + 108/159 | 20 | 25,40 | 8,27 | M 8 | 14/10 | 15° | VG 8-25 | 1 + 2 + 3 + 5 + 9 |
| SE/ML | 63,5/89/108/133 | 63,5/108 + 89/133 + 108/159 | 20 | 31,75 | 8,27 | M 8 | 14/10 | 15° | VG 8-32 | 1 bis 5+9 |
| ML | 63,5/89/108/133 | 63,5/108 + 89/133 + 108/159 | 25 | 31,75 | 10,17 | M 10 | 16/12 | 15° | VG 10-32 | 1 + 2 + 3 + 5 |
| ML | 63,5/89/108/133 | 63,5/108 + 89/133 + 108/159 | 25 | 38,10 | 10,17 | M 10 | 16/12 | 15° | VG 10-38 | 1 bis 5 |

| | | | |
|--|---|-----------------------------------|------------|
| GIRLANDENROLLEN GARLAND ROLLERS |  | OBERGURT CARRYING BELT | 800 |
|--|---|-----------------------------------|------------|




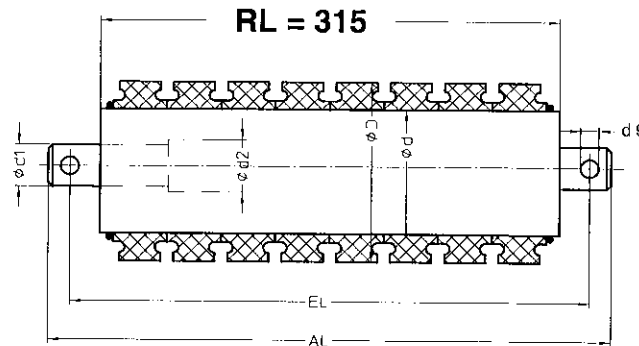
| Rollentyp Roller type | D | Achsdurchmesser d1 / Shaft diameter Kugellager / Ball bearings | | | | | | | | | |
|--|------|---|---------------------------------|--------------|---------------------------------|--------------|---------------------------------|------------|--|------------|--|
| | | 20 6204 | | 25 6205 | | 25 6305 | | 30 6206 | | 30 6306 | |
| | | Masse in kg / Mass in kg | | | | | | | | | |
| | | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | | | | |
| SE  | 63,5 | 2,2 | 1,3 | | | | | | | | |
| | 89 | 3,3 | 2,4 | | | | | | | | |
| | 108 | 3,8 | 2,9 | | | | | | | | |
| | 133 | 5,7 | 4,6 | | | | | | | | |
| ML  | 63,5 | 1,9 | 1,8 | 3,6 | 2,2 | | | | | | |
| | 89 | 3,7 | 2,7 | 4,2 | 2,7 | 4,5 | 2,9 | | | | |
| | 108 | 4,9 | 3,9 | 5,2 | 3,7 | 5,4 | 3,9 | | | | |
| | 133 | 6,8 | 5,7 | 6,9 | 5,5 | 7,4 | 5,9 | | | | |

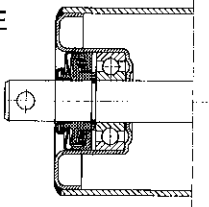
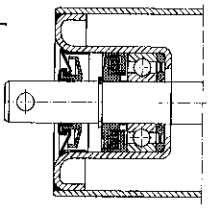
| Anschlußmaße / Connecting dimensions | | | |
|--|------|-----|-----|
| Achsenden nach DIN 15207 von 1988 Shaft ends to DIN 15207 dtd. 1988 | | | |
| d1 | d9 | EL | AL |
| 20 | 8,5 | 343 | 363 |
| 25 | 10,5 | 347 | 371 |

Girlandenzubehör siehe Kapitel 3 / Garland accessories refer to chapter 3

Bestellangaben: Girlandenrolle Typ; D; d2/d1; RL; Kugellager; Achsende d9, z. B.: Girlandenrolle ML 133; 20; 315 – 6204, – 8,5. Die Angabe d2 ist nur erforderlich, wenn d2 > als d1 sein muß.
Order details: Garland roller type; D; d2/d1; RL; ball bearing; shaft end d9, e.g.: Garland roller ML 133; 20; 315 – 6204, – 8,5. Detail d2 is only necessary when d2 must be > than d1.

| | | | |
|--|---|---|------------|
| GIRLANDENPOLSTERROLLEN IMPACT GARLAND ROLLERS |  | OBERGURT CARRYING BELT | 800 |
|--|---|---|------------|



| Rollentyp Roller type | d | D | Achsdurchmesser d1 / Shaft diameter Kugellager / Ball bearings | | | | | | | | | |
|--|--------------|---------------------------------|---|---------------------------------|--------------|---------------------------------|------------|-----|------------|--|------------|--|
| | | | 20 6204 | | 25 6205 | | 25 6305 | | 30 6206 | | 30 6306 | |
| | | | Masse in kg / Mass in kg | | | | | | | | | |
| | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | | | | | | |
| SE  | 63,5 | 89 | 3,4 | 2,5 | | | | | | | | |
| | 63,5 | 108 | 3,9 | 3,0 | | | | | | | | |
| | 89 | 133 | 5,5 | 4,6 | | | | | | | | |
| | 89 | 159 | 6,5 | 5,6 | | | | | | | | |
| | 108 | 159 | 7,0 | 6,1 | | | | | | | | |
| ML  | 63,5 | 89 | 3,9 | 3,0 | 4,9 | 3,4 | | | | | | |
| | 63,5 | 108 | 4,4 | 3,5 | 5,4 | 3,9 | | | | | | |
| | 89 | 133 | 5,9 | 4,9 | 6,4 | 4,9 | 6,7 | 5,1 | | | | |
| | 89 | 159 | 6,9 | 5,9 | 7,4 | 5,9 | 7,7 | 6,1 | | | | |
| | 108 | 159 | 8,1 | 7,1 | 8,4 | 6,9 | 8,6 | 7,1 | | | | |

Anschlußmaße / Connecting dimensions

Achsende nach DIN 15207 von 1988

Shaft end to DIN 15207 dtd. 1988

| d1 | d9 | EL | AL |
|----|------|-----|-----|
| 20 | 8,5 | 343 | 363 |
| 25 | 10,5 | 347 | 371 |

Girlandenzubehör siehe Kapitel 3 / Garland accessories refer to chapter 3

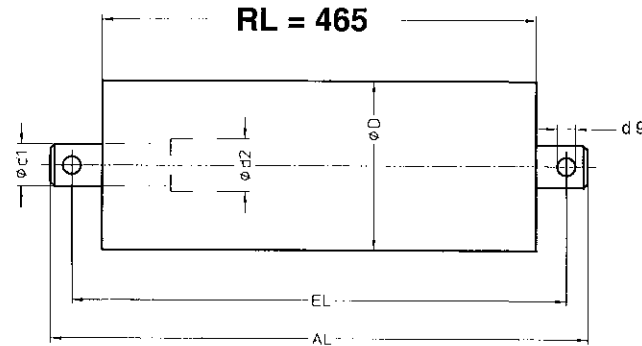
Bestellangaben: Girlanden-Polsterrolle Typ; D/d; d2/d1; RL; Kugellager; Achsende d9, z. B.: Girlanden-Polsterrolle ML 133/89; 20; 315 – 6204, – 8,5. Die Angabe d2 ist nur erforderlich, wenn d2 > als d1 sein muß.
Order details: Impact garland roller type; D/d; d2/d1; RL; ball bearing; shaft end d9, e.g.: Impact garland roller ML 133/89; 20; 315 – 6204, – 8,5. Detail d2 is only necessary when d2 must be > than d1.

**GIRLANDENROLLEN
GARLAND ROLLERS**



**UNTERGURT
RETURN BELT**

800



Rollentyp
Roller type

D

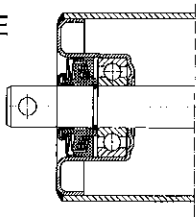
Achsdurchmesser d1 / Shaft diameter
Kugellager / Ball bearings

| | | | | |
|------|------|------|------|------|
| 20 | 20 | 25 | 30 | 30 |
| 6204 | 6205 | 6305 | 6206 | 6306 |

Masse in kg / Mass in kg

| kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | kpl. cpl. | dreh. Teile rot. parts | | | | |
|--------------|---------------------------------|--------------|---------------------------------|--------------|---------------------------------|--|--|--|--|
|--------------|---------------------------------|--------------|---------------------------------|--------------|---------------------------------|--|--|--|--|

SE



63,5

3,0

1,7

89

4,6

3,2

108

5,3

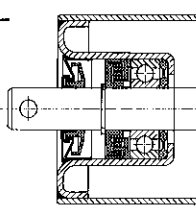
3,9

133

7,8

6,3

ML



63,5

3,9

2,5

4,9

2,8

89

4,9

3,6

5,6

3,6

5,9

3,8

108

6,6

5,2

6,9

4,9

7,2

5,2

133

9,1

7,7

9,4

7,4

9,9

7,8

Anschlußmaße / Connecting dimensions

Achsende nach DIN 15207 von 1988

Shaft end to DIN 15207 dtd. 1988

| d1 | d9 | EL | AL |
|----|------|-----|-----|
| 20 | 8,5 | 493 | 513 |
| 25 | 10,5 | 497 | 521 |

Girlandenzubehör siehe Kapitel 3 / Garland accessories refer to chapter 3

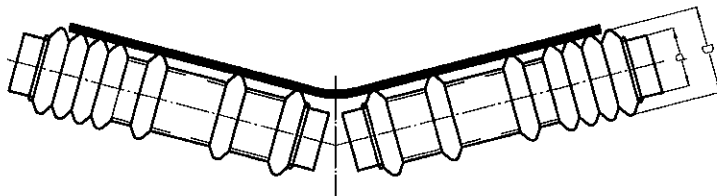
Bestellangaben: Girlandenrolle Typ; D; d2/d1; RL; Kugellager; Achsende d9, z. B.: Girlandenrolle ML 133; 20; 465 – 6204 – 8,5. Die Angabe d2 ist nur erforderlich, wenn d2 > als d1 sein muß.
Order details: Garland roller type; D; d2/d1; RL; ball bearing; shaft end d9, e.g.: Garland roller ML 133; 20; 465 – 6204 – 8,5. Detail d2 is only necessary when d2 must be > than d1.

**STÜTZRINGANORDNUNG
RUBBER DISC ARRANGEMENT**



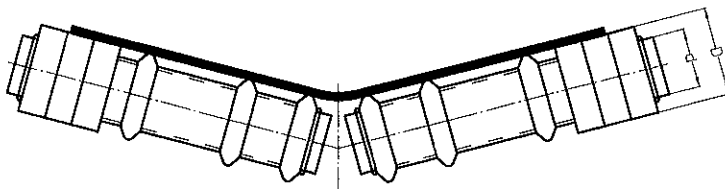
**UNTERGURT
RETURN BELT**

800



mit Zwischenhülsen und Sicherungsringen
with spacer sleeves and locking rings

| | | Anordnung Form IV Arrangement form IV | | |
|------|-----|--|--------------------|---|
| d | D | Ringanzahl No. of rings | | Bestück.- masse kg Equip.- mass kg |
| | | Paket Packet | Gesamt Complete | |
| 63,5 | 108 | 4 | 7 | 1,0 |
| 89 | 133 | 4 | 7 | 2,3 |



mit Zwischenhülsen und Sicherungsringen
with spacer sleeves and locking rings

| | | Anordnung Form V Arrangement form V | | |
|------|-----|--|---|---|
| d | D | Ringanzahl No. of rings | | Bestück.- masse kg Equip.- mass kg |
| | | B | A | |
| 63,5 | 108 | 3 | 3 | 1,4 |
| 89 | 133 | 3 | 3 | 2,3 |

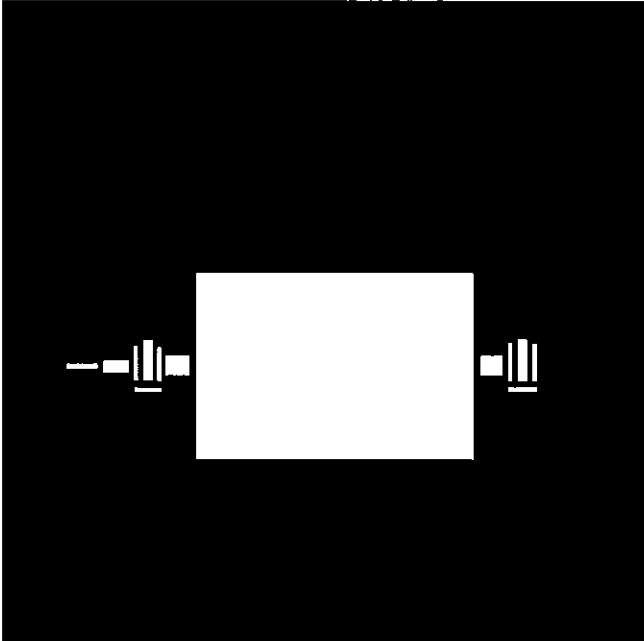
Andere Anordnungen auf Anfrage / Other arrangements on request
Grundrolle siehe Blatt Nr. 2.04.22 / Basic roller refer to Sheet No. 2.04.22

Bestellangaben: Stützringanordnung, Gurtbreite, Form, D, Grundrolle, z. B.: Stützringanordnung, 800, V, 133, SE 89 x 465
Order details: Rubber disc arrangement, Belt width, form, D, basic roller, e.g.: rubber disc arrangement 800, V, 133 SE 89 x 465

Gurtbreite 800 mm
Belt width 800 mm

Trommeln

Pulleys



Inhalt Trommeln Gurtbreite 800 mm

Contents pulleys belt width 800 mm

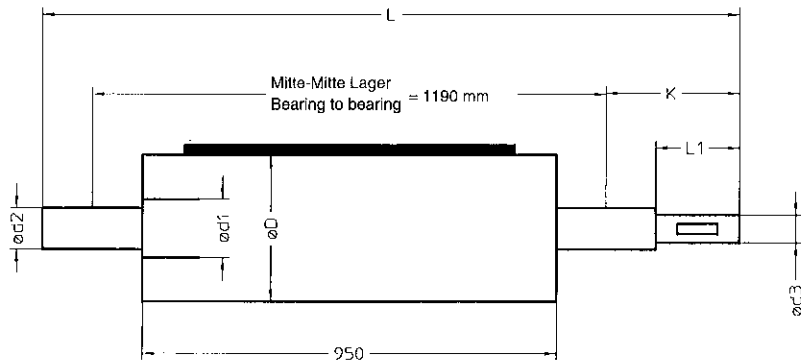
Blatt / Sheet

| | | |
|---|----------------|---|
| Angetriebene Trommeln – außengelagert | | Driving pulleys – external bearings |
| Ausführung geschweißte Trommeln | 2.04.24 | Execution welded pulleys |
| Nichtangetriebene Trommeln – außengelagert | | Non-driving pulleys – external bearings |
| Ausführung geschweißte Trommeln | 2.04.25 | Execution welded pulleys |
| Angetriebene Trommeln – außengelagert | | Driving pulleys – external bearings |
| Ausführung mit Spannsätzen | 2.04.26 | Execution with locking devices |
| Nichtangetriebene Trommeln – außengelagert | | Non-driving pulleys – external bearings |
| Ausführung mit Spannsätzen | 2.04.27 | Execution with locking devices |
| Nicht angetriebene Trommeln – innengelagert | 2.04.28 | Non-driving pulleys – internal bearings |

**ANGETRIEBENE TROMMELN
AUSSENGELAGERT
DRIVING PULLEYS
EXTERNAL BEARINGS**



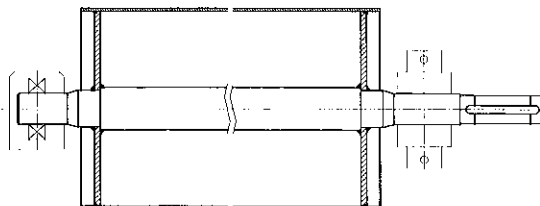
800



- Trommelmantel ballig
Pulley casing crowned
 - Trommelmantel zylindrisch
Pulley casing cylindrical
- Bei Anfragen/Bestellungen bitte angeben
Please declare for requests/orders**

| Trommel \varnothing Pulley \varnothing D | Wellen \varnothing / Shaft \varnothing | | | L | K | L 1 | Masse in kg o. Belag Mass in kg without cover | Stehlager Typ SNL Pillow block Type SNL | Lagerreihe Bearing series |
|--|--|-------------------------|-------------------------|------|-----|-----|--|--|------------------------------|
| | Nabe Hub d 1 | Lager Bearing d 2 | Antrieb Drive d 3 | | | | | | |
| 217 270 321 403 | 60 | 45 | 40 | 1341 | 125 | 70 | 69 76 81 109 | 510 | 22210/H3 |
| 217 270 321 403 | 75 | 50 | 45 | 1356 | 138 | 80 | 87 102 115 174 | 511 | 22211/H3 |
| 217 270 321 403 | 90 | 65 | 60 | 1392 | 168 | 100 | 109 142 179 219 | 515 | 22215/H3 |
| 270 321 403 | 100 | 80 | 75 | 1423 | 193 | 120 | 131 161 197 | 518 | 22218/H3 |

1- geschweißte Ausführung / 1 - Welded design



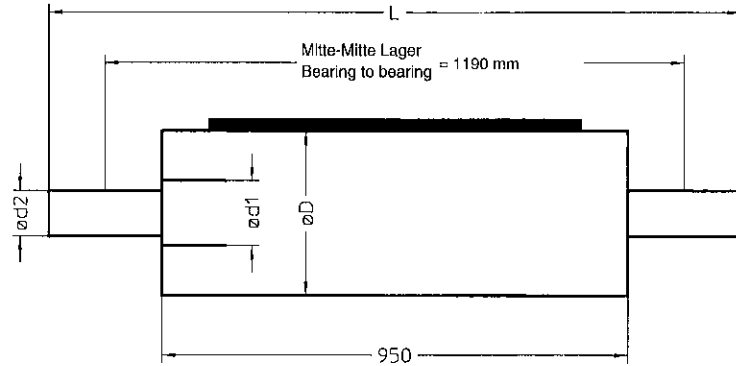
Trommelbeläge siehe Kapitel 1, Blatt-Nr. 1.00.41 / Pulley covers refer to chapter 1, Sheet No. 1.00.41

Bestellbeispiel: Trommelbezeichnung; GB; Tro.-Typ.; Tro.- \varnothing ; d1; d2; Gummibelag (Dicke; Oberfläche + SHORE „A“); mit oder ohne Stehlager; z. B.: AT, 800; Typ 1, 403 mm \varnothing , 70/50/45, 8 mm, ETR 70, mit SNL 511
Order example: Pulley designation; Belt width; pulley type; pulley \varnothing ; d1; d2; rubber cover (thickness, surface + SHORE „A“); with or without pillow block; e. g.: AT 800; type 1; 403 mm \varnothing , 70/50/45, 8 mm, ETR 70, with SNL 511

**NICHT ANGETRIEBENE
TROMMELN AUSSENGELAGERT
NON-DRIVING PULLEYS
EXTERNAL BEARINGS**



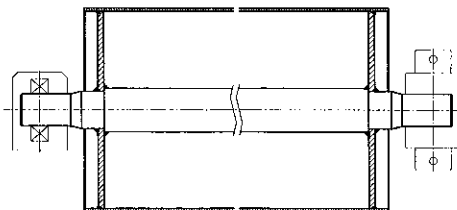
800



- Trommelmantel ballig
Pulley casing crowned
 - Trommelmantel zylindrisch
Pulley casing cylindrical
- Bei Anfragen/Bestellungen bitte angeben**
Please declare for requests/orders

| Trommel ø Pulley ø D | Wellen ø / Shaft ø Nabe Hub | | L | Masse in kg o. Lager/o. Belag Mass in kg without bearing/ without cover | Stehlagergehäuse Pillow block housing SNL | Lagerreihe Bearing series |
|--------------------------------|-----------------------------------|-------------------------|------|---|---|------------------------------|
| | d 1 | Lager Bearing d 2 | | | | |
| 217 270 321 | 50 | 40 | 1240 | 63 76 87 | 509 | 22209/H3 |
| 217 270 321 403 | 75 | 50 | 1256 | 85 100 113 133 | 511 | 22211/H3 |
| 270 321 403 | 95 | 60 | 1256 | 122 125 175 | 513 | 22213/H3 |
| 270 321 403 | 120 | 70 | 1266 | 176 194 214 | 516 | 22216/H3 |

1- geschweißte Ausführung / 1 - Welded design



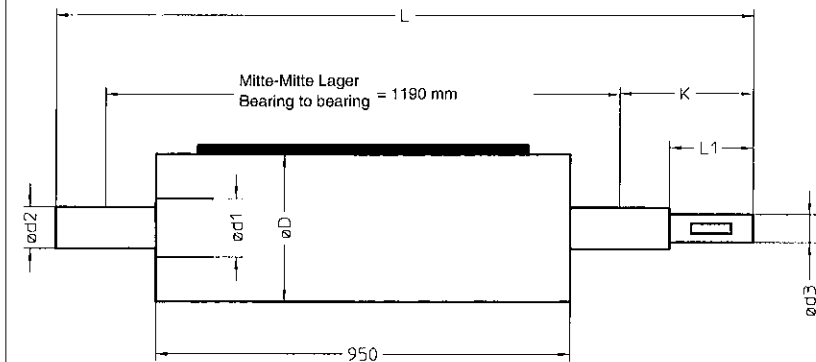
Trommelbeläge siehe Kapitel 1, Blatt-Nr. 1.00.41 / Pulley covers refer to chapter 1, Sheet No. 1.00.41

Bestellbeispiel: Trommelbezeichnung; GB; Tro.-Typ.; Tro.-ø; d1; d2; Gummibelag (Dicke; Oberfläche + SHORE „A“); mit oder ohne Stehlager; z. B.: UT, 800; Typ 1, 403 mm ø, 75/50, 8 mm, glatt, SHORE 40°, mit SNL 511
Order example: Pulley designation; Belt width; pulley type; pulley ø; d1; d2; rubber cover (thickness, surface + SHORE „A“); with or without pillow block, e. g.: UT 800, type 1, 403 mm, 75/50, 8 mm, smooth, SHORE 40°, with SNL 511

ANGETRIEBENE TROMMELN AUSSENGELAGERT DRIVING PULLEYS EXTERNAL BEARINGS

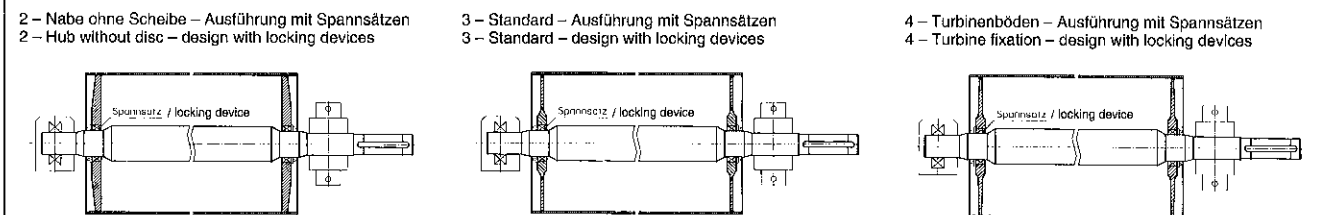


800



- Trommelmantel ballig
Pulley casing crowned
 - Trommelmantel zylindrisch
Pulley casing cylindrical
- Bei Anfragen/Bestellungen bitte angeben**
Please declare for requests/orders

| Trommel ø Pulley ø D | Spannsatz Bracing assembly d1 | Wellen ø / Shaft ø Lager Bearing d2 | Antrieb Gear d3 | L | K | L1 | Trommelart (Typ) Pulley design (Type) | Masse in kg o. Lager/o. Belag Mass in kg without bearing/without cover | Stehlager Typ SNL Pillow block Type SNL | Lagerreihe Bearing series |
|----------------------------|-------------------------------------|--|-----------------------|------|-----|-----|--|---|--|------------------------------|
| 217 | 60 | 45 | 40 | 1341 | 125 | 70 | 2 | 82 | 510 | 22210/H3 |
| 270 | 60 | 45 | 40 | 1341 | 125 | 70 | 2 | 100 | 510 | 22210/H3 |
| 321 | 60 | 50 | 45 | 1356 | 138 | 80 | 2 | 108 | 511 | 22211/H3 |
| 403 | 65 | 50 | 45 | 1356 | 138 | 80 | 2 | 140 | 511 | 22211/H3 |
| 217 | 75 | 50 | 45 | 1356 | 138 | 80 | 2 | 98 | 511 | 22211/H3 |
| 270 | 75 | 55 | 50 | 1373 | 153 | 90 | 2 | 118 | 512 | 22212/H3 |
| 321 | 75 | 60 | 55 | 1378 | 155 | 90 | 2 | 135 | 513 | 22213/H3 |
| 403 | 75 | 65 | 60 | 1392 | 168 | 100 | 2 | 159 | 515 | 22215/H3 |
| 500 | 80 | 65 | 60 | 1392 | 168 | 100 | 2 | 197 | 515 | 22215/H3 |
| 270 | 90 | 65 | 60 | 1392 | 168 | 100 | 2 | 163 | 515 | 22215/H3 |
| 321 | 90 | 65 | 60 | 1392 | 168 | 100 | 2 | 186 | 515 | 22215/H3 |
| 403 | 90 | 70 | 65 | 1408 | 180 | 110 | 4 | 185 | 516 | 22216/H3 |
| 500 | 90 | 80 | 75 | 1442 | 210 | 130 | 4 | 218 | 518 | 22218/H3 |
| 630 | 95 | 80 | 75 | 1442 | 210 | 130 | 4 | 287 | 518 | 22218/H3 |
| 270 | 100 | 80 | 75 | 1442 | 210 | 130 | 2 | 189 | 518 | 22218/H3 |
| 321 | 100 | 80 | 75 | 1442 | 210 | 130 | 2 | 214 | 518 | 22218/H3 |
| 403 | 110 | 80 | 75 | 1442 | 210 | 130 | 2 | 273 | 518 | 22218/H3 |
| 500 | 110 | 90 | 85 | 1458 | 223 | 140 | 4 | 246 | 518 | 22218/H3 |
| 630 | 110 | 100 | 95 | 1501 | 258 | 160 | 4 | 328 | 522 | 22222/H3 |
| 321 | 110 | 90 | 85 | 1468 | 230 | 140 | 2 | 237 | 520 | 22220/H3 |
| 403 | 120 | 90 | 85 | 1468 | 230 | 140 | 2 | 295 | 520 | 22220/H3 |
| 500 | 120 | 100 | 95 | 1501 | 258 | 160 | 4 | 295 | 522 | 22222/H3 |
| 630 | 120 | 100 | 95 | 1501 | 258 | 160 | 4 | 345 | 522 | 22222/H3 |
| 321 | 120 | 100 | 95 | 1501 | 258 | 160 | 2 | 274 | 522 | 22222/H3 |
| 403 | 130 | 100 | 95 | 1501 | 258 | 160 | 2 | 346 | 522 | 22222/H3 |
| 500 | 130 | 110 | 105 | 1529 | 283 | 180 | 4 | 333 | 524 | 22224/H3 |
| 630 | 130 | 110 | 105 | 1529 | 283 | 180 | 4 | 379 | 524 | 22224/H3 |
| 403 | 140 | 110 | 105 | 1529 | 283 | 180 | 2 | 372 | 524 | 22224/H3 |
| 500 | 140 | 115 | 110 | 1545 | 295 | 190 | 4 | 359 | 526 | 22226/H3 |
| 630 | 140 | 125 | 120 | 1566 | 313 | 200 | 4 | 419 | 528 | 22228/H3 |
| 403 | 150 | 125 | 120 | 1566 | 313 | 200 | 2 | 420 | 528 | 22228/H3 |
| 500 | 150 | 125 | 120 | 1566 | 313 | 200 | 2 | 491 | 528 | 22228/H3 |
| 630 | 160 | 135 | 130 | 1598 | 340 | 220 | 4 | 497 | 530 | 22230/H3 |



Trommelbeläge siehe Kapitel 1, Blatt-Nr. 1.00.41 / Pulley covers refer to chapter 1, Sheet No. 1.00.41

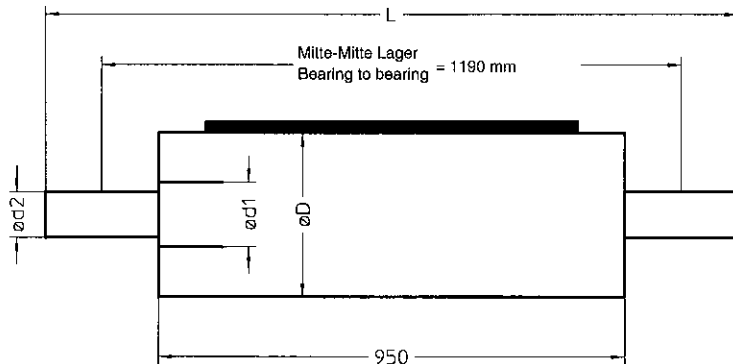
Bestellbeispiel: Trommelbezeichnung; GB; Tro.-Typ.; Tro.-ø; d1; d2; Gummibelag (Dicke; Oberfläche + SHORE „A“); mit oder ohne Stehlagern; z. B.: AT, 800; Typ 2, 500 mm ø, 130/110/105, 8 mm, ETR 70, mit SNL 524

Order example: Pulley designation; Belt width; pulley type; pulley ø; d1; d2; rubber cover (thickness; surface + SHORE "A") with or without pillow block; e. g.: AT 800, type 2, 500 mm ø, 130/110/105, 8 mm, ETR 70, with SNL 524

NICHT ANGETRIEBENE TROMMELN AUSSENGELAGERT NON-DRIVING PULLEYS EXTERNAL BEARINGS



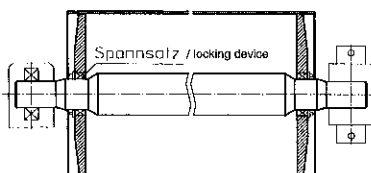
800



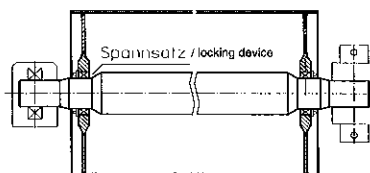
- Trommelmantel ballig
Pulley casing crowned
 - Trommelmantel zylindrisch
Pulley casing cylindrical
- Bei Anfragen/Bestellungen bitte angeben**
Please declare for requests/orders

| Trommel ø Pulley ø D | Wellen ø / Shaft ø Spannsatz Bracing assembly d 1 | Lager Bearing d 2 | L | Trommelart (Typ) Pulley design (Type) | Masse in kg o. Lager/o. Belag Mass in kg without bearing/without cover | Stehlagergehäuse Pillow block housing SNL | Lagerreihe Bearing series |
|---------------------------------|--|-------------------------|------|--|---|---|------------------------------|
| 217 270 321 403 | 60 | 40 | 1240 | 2 2 3 3 | 80 96 105 133 | 509 | 22209/H3 |
| 217 270 321 403 500 | 75 | 50 | 1246 | 2 2 2 3 3 | 95 112 127 153 185 | 511 | 22211/H3 |
| 270 321 403 500 630 | 90 | 60 | 1256 | 2 2 3 3 3 | 149 168 170 205 273 | 513 | 22213/H3 |
| 270 321 403 500 630 | 100 | 70 | 1266 | 2 2 2 3 3 | 174 195 240 224 292 | 516 | 22216/H3 |
| 321 403 500 630 | 110 | 80 | 1274 | 2 2 2 3 | 214 259 331 317 | 518 | 22218/H3 |
| 321 403 500 630 | 120 | 90 | 1286 | 2 2 2 3 | 242 280 334 342 | 520 | 22220/H3 |
| 403 500 630 | 130 | 100 | 1296 | 2 2 4 | 315 390 407 | 522 | 22222/H3 |
| 403 500 630 | 140 | 110 | 1302 | 2 2 4 | 360 415 452 | 524 | 22224/H3 |
| 500 630 | 150 | 125 | 1316 | 2 4 | 444 477 | 528 | 22228/H3 |

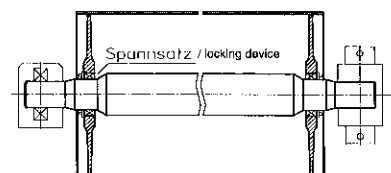
2 – Nabe ohne Scheibe – Ausführung mit Spannsätzen
2 – Hub without disc – design with locking devices



3 – Standard – Ausführung mit Spannsätzen
3 – Standard – design with locking devices



4 – Turbinenböden – Ausführung mit Spannsätzen
4 – Turbine fixation – design with locking devices



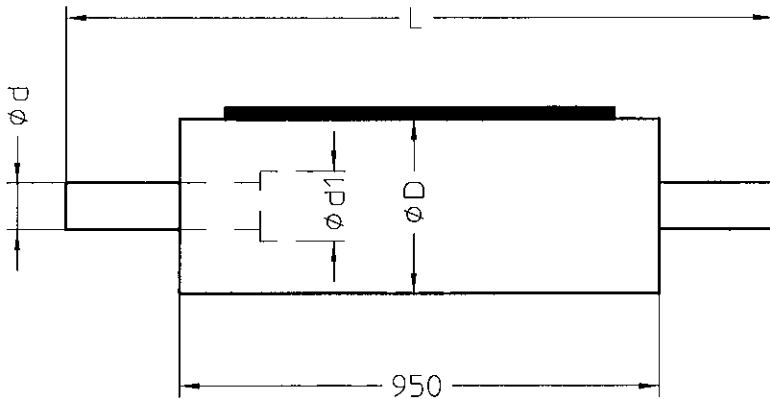
Trommelbeläge siehe Kapitel 1, Blatt-Nr. 1.00.41 / Pulley covers refer to chapter 1, Sheet No. 1.00.41

Bestellbeispiel: Trommelbezeichnung; GB; Tro.-Typ.; Tro.-ø; d1; d2; Gummibelag (Dicke; Oberfläche + SHORE „A“); mit oder ohne Stehlager; z. B.: UT, 800; Typ 3, 403 mm ø, 90/60, 10 mm, glatt, SHORE 40°; mit SNL 513
Order example: Belt width; pulley type; pulley ø; d1; d2; rubber cover; (thickness, surface + SHORE „A“) with or without pillow block; e. g.: UT 800, type 3, 403 mm ø, 90/60, 10 mm, smooth, SHORE 40°; with SNL 513

NICHT ANGETRIEBENE TROMMELN INNENGELAGERT NON-DRIVING PULLEYS INTERNAL BEARINGS



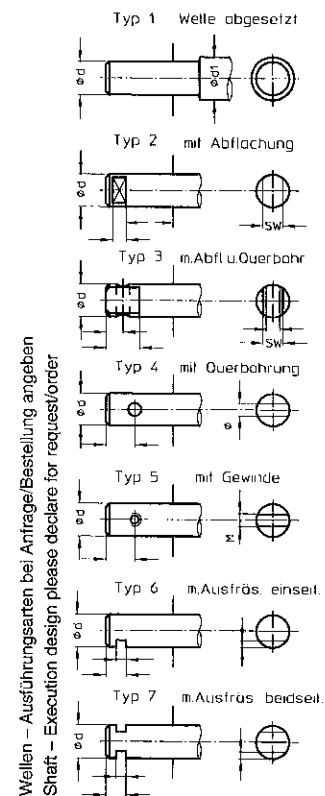
800



- Trommelmantel ballig
Pulley casing crowned
- Trommelmantel zylindrisch
Pulley casing cylindrical

Bei Anfragen/Bestellungen bitte angeben
Please declare for requests/orders

| Trommel ø Pulley ø | Wellen ø Shaft ø | | L | Masse in kg bei Trommelausführung Mass in kg of pulley execution | | | |
|-----------------------|---------------------|----|---|---|-----|-----|-----|
| | D | d | | d1 | 1 | 2 | 3 |
| 217 | | 40 | | 1100 | 49 | 51 | |
| | | 45 | | 1100 | 54 | 55 | |
| | | 50 | | 1150 | 61 | 63 | |
| | | 55 | | 1150 | 67 | 69 | |
| | | 60 | | 1150 | 73 | 74 | |
| 270 | | 45 | | 1100 | 63 | 65 | |
| | | 50 | | 1150 | 67 | 70 | |
| | | 55 | | 1150 | 77 | 79 | |
| | | 60 | | 1150 | 83 | 85 | |
| | | 65 | | 1150 | 89 | 91 | |
| 321 | | 50 | | 1150 | 79 | 81 | |
| | | 55 | | 1150 | 85 | 86 | |
| | | 60 | | 1150 | 95 | 97 | |
| | | 65 | | 1150 | 100 | 103 | |
| | | 70 | | 1200 | 108 | 110 | 113 |
| 403 | | 55 | | 1150 | 107 | 109 | |
| | | 60 | | 1150 | 113 | 116 | |
| | | 65 | | 1150 | 118 | 120 | |
| | | 70 | | 1200 | 134 | 137 | |
| | | 80 | | 1200 | | 153 | 156 |

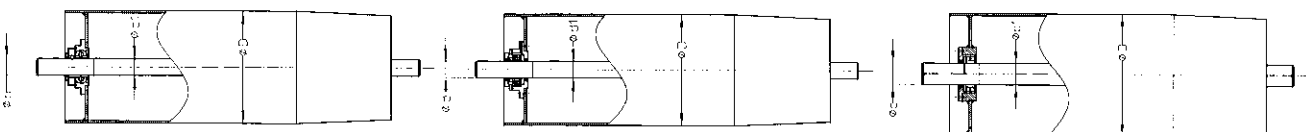


Wellen - Ausführungsarten bei Anfrage/Bestellung angeben
Shaft - Execution design please declare for request/order

1 - Ausführung - Flanschlager
1 - Design - Flange bearing

2 - Ausführung - Flanschlager
2 - Design - Flange bearing

3 - Ausführung - Nabe mit Scheibe
3 - Design - Hub with disc



Trommelbeläge siehe Kapitel 1, Blatt-Nr. 1.00.41 / Pulley covers refer to chapter 1, Sheet No. 1.00.41

Bestellbeispiel: Trommelbezeichnung; GB; Tro.-Typ.; Tro.-ø; d; d1 (nur erforderlich, wenn d1 > als d); Gummibelag (Dicke; Oberfläche + SHORE „A“); z. B.: UT, 800; Typ 2-iv., 321 mm ø, 60, 10 mm, glatt, SHORE 40°
Order example: Pulley designation; Belt width; pulley type; pulley ø; d; d1; (only necessary when d1 > than d); rubber cover (thickness, surface and SHORE “A”); e. g.: UT, 800; type 2-iv., 321 mm ø, 60, 10 mm, smooth, SHORE 40°