

# Settingliste Federbein



|   |                             |                            |  |
|---|-----------------------------|----------------------------|--|
| <b>Artikelnummer:</b>                             | <b>12187L63</b>             | <b>Typ:</b>                | <b>5018 PDS DCC</b>                        |
| <b>Modellbezeichnung:<br/>(ohne Jahresangabe)</b> | <b>KTM 250/300 EXC/XC-W</b> | <b>Druckstufen-ventil:</b> | <b>DCC 10 cpl. XC '07<br/>5018.0213S10</b> |

|  | <i>Fahrer Komfort</i> | STANDARD | <i>Fahrer Sport</i> | volle Nutzlast |
|--|-----------------------|----------|---------------------|----------------|
| Druckstufendämpfung Low Speed (Klicks offen bzw. Markierung) | 25                    | 20       | 15                  | 15             |
| Druckstufendämpfung High Speed (Umdrehungen offen)           | 2                     | 1,5      | 1,25                | 1,25           |
| Zugstufendämpfung (Klicks offen bzw. Markierung)             | 28                    | 24       | 22                  | 22             |
| Federvorspannung   | 7 mm                  | 7 mm     | 7 mm                | 8 mm           |
| Preload Adjuster (Umdrehungen vorsp.)                        |                       |          |                     |                |

|                      |            |
|----------------------|------------|
| Statischer Durchhang | 33-35 mm   |
| Fahrdurchhang        | 105-115 mm |
| Gasdruck             | 10 bar     |
| Öl Type              | 50180751   |
| Öl Viskosität        | 2,5 SAE    |

|                       |          |
|-----------------------|----------|
| Nadel                 | 50180967 |
| Höhe Scheibe Zugstufe | 0 mm     |
| Hub                   | 109 mm   |
| Einbaulänge           | 417 mm   |
| Gummipuffer           | 50180600 |

| Feder                | Gewicht Fahrer | Federrate | Feder Bezeichnung | Federlänge | Teilenummer |
|----------------------|----------------|-----------|-------------------|------------|-------------|
| <i>Feder weicher</i> | 65-75 kg       | 66 N/mm   | (64/62) 66-250    | 250 mm     | 91210054    |
| Feder STANDARD       | 75-85 kg       | 69 N/mm   | (64/62) 69-250    | 250 mm     | 91210068    |
| <i>Feder härter</i>  | 85-95 kg       | 72 N/mm   | (64/62) 72-250    | 250 mm     | 91210069    |

| Shims Kolben 1 |                  |     |                  |
|----------------|------------------|-----|------------------|
| Stk            | Druckstufe       | Stk | Zugstufe         |
| 1              | Ø 16 x 20 x 0.30 | 1   | Ø 16 x 21 x 1.0  |
| 1              | Ø 16 x 26 x 0.25 | 1   | Ø 16 x 20 x 0.30 |
| 1              | Ø 16 x 28 x 0.20 | 1   | Ø 16 x 28 x 0.25 |
| 1              | Ø 16 x 30 x 0.20 | 1   | Ø 16 x 30 x 0.20 |
| 1              | Ø 16 x 32 x 0.20 | 1   | Ø 16 x 32 x 0.20 |
| 1              | Ø 16 x 34 x 0.20 | 1   | Ø 16 x 34 x 0.20 |
| 1              | Ø 16 x 36 x 0.20 | 1   | Ø 16 x 26 x 0.15 |
| 1              | Ø 16 x 38 x 0.20 | 2   | Ø 16 x 36 x 0.20 |
| 1              | Ø 16 x 40 x 0.20 |     |                  |
| 1              | Ø 16 x 42 x 0.20 |     |                  |
| 1              | Ø 16 x 44 x 0.20 |     |                  |
| 1              | Ø 16 x 32 x 0.10 |     |                  |
| 5              | Ø 16 x 44 x 0.20 |     |                  |
|                |                  |     |                  |
|                |                  |     |                  |
|                |                  |     |                  |
|                |                  |     |                  |
|                |                  |     |                  |
|                |                  |     |                  |

| Shims Kolben 2 |                  |     |                  |
|----------------|------------------|-----|------------------|
| Stk            | Druckstufe       | Stk | Zugstufe         |
| 1              | Ø 20 x 24 x 0.30 | 3   | Ø 20 x 24 x 0.30 |
| 1              | Ø 20 x 34 x 0.25 | 2   | Ø 20 x 38 x 0.20 |
| 1              | Ø 20 x 36 x 0.25 |     |                  |
| 1              | Ø 20 x 38 x 0.25 |     |                  |
| 2              | Ø 20 x 40 x 0.25 |     |                  |
|                |                  |     |                  |
|                |                  |     |                  |
|                |                  |     |                  |
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|                |                  |     |                  |
|                |                  |     |                  |

|                    |          |
|--------------------|----------|
| Kolben Nummer      | 50180197 |
| Kolben Freibohrung | 0,00 mm  |

|                    |          |
|--------------------|----------|
| Kolben Nummer      | 50180675 |
| Kolben Freibohrung | 0,00 mm  |

| Details Druckstufenventil: |                        |
|----------------------------|------------------------|
| Stk.                       | Bezeichnung, Dimension |
| 1                          | Einstellfeder DCC C16  |
| 1                          | Backpl. Ø6x9,5x0,30    |
| 1                          | Shim Ø6x14x0,25        |
| 1                          | Shim Ø6x16x0,25        |
| 1                          | Shim Ø6x18x0,25        |
| 2                          | Shim Ø6x20x0,25        |
| 1                          | Shim Ø6x22x0,15        |
| 1                          | Shim Ø6x14x0,10        |
| 1                          | Shim Ø6x22x0,25        |

Legende: TBD = to be defined (noch zu definieren) - = keine Angabe

Bemerkungen:

|   |            |           |   | <b>Name Ersteller:</b>   | Erbschwendtner |
|---|------------|-----------|---|--------------------------|----------------|
|   |            |           |   | <b>Datum Erstellung:</b> | 18.10.2010     |
|   |            |           |   |                          |                |
|   |            |           |   |                          |                |
|   |            |           |   |                          |                |
| A   | 24.11.2010 | Ch. Hecht | Gummipuffer von 50180480 auf 50180600 geändert, Setting Kolben 2 geändert |                          |                |
| Index   | Datum      | Name      | Änderungsbeschreibung   |                          |                |
| <b>Gesamtseitenanzahl des Freigabedokumentes:</b> |            |           |   | 1                        |                |

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Freigabefeld

# Shock setting list



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|  |                      |                                   |                                    |
|--|----------------------|-----------------------------------|------------------------------------|
| <b>Article number:</b>                                     | 12187L63             | <b>Type:</b>                      | 5018 PDS DCC                       |
| <b>Modeldescription:</b><br>(without modelyeardeclaration) | KTM 250/300 EXC/XC-W | <b>Compression damping valve:</b> | DCC 10 cpl. XC '07<br>5018.0213S10 |

|  | <i>Driving comfort</i> | STANDARD | <i>Driving sport</i> | <i>max. payload</i> |
|--|------------------------|----------|----------------------|---------------------|
| Compression damping Low Speed (clicks open or marking) | 25                     | 20       | 15                   | 15                  |
| Compression damping High Speed (turns open)            | 2                      | 1,5      | 1,25                 | 1,25                |
| Rebound damping (clicks open or marking)               | 28                     | 24       | 22                   | 22                  |
| Spring preload   | 7 mm                   | 7 mm     | 7 mm                 | 8 mm                |
| Preload Adjuster (turns preload)                       |                        |          |                      |                     |

|               |            |                     |          |
|---------------|------------|---------------------|----------|
| Static sag    | 33-35 mm   | Needle              | 50180967 |
| Riding sag    | 105-115 mm | Rebound disk height | 0 mm     |
| Gas pressure  | 10 bar     | Stroke              | 109 mm   |
| Oil type      | 50180751   | Shock length        | 417 mm   |
| Oil viscosity | 2,5 SAE    | Bump rubber         | 50180600 |

| Spring               | Riders weight | Spring rate | Spring description | Spring length | Part number |
|----------------------|---------------|-------------|--------------------|---------------|-------------|
| <i>Spring softer</i> | 65-75 kg      | 66 N/mm     | (64/62) 66-250     | 250 mm        | 91210054    |
| Spring STANDARD      | 75-85 kg      | 69 N/mm     | (64/62) 69-250     | 250 mm        | 91210068    |
| <i>Spring harder</i> | 85-95 kg      | 72 N/mm     | (64/62) 72-250     | 250 mm        | 91210069    |

| Shims piston 1 |                  |     |                  |
|----------------|------------------|-----|------------------|
| Qty            | Compression      | Qty | Rebound          |
| 1              | ∅ 16 x 20 x 0.30 | 1   | ∅ 16 x 21 x 1.0  |
| 1              | ∅ 16 x 26 x 0.25 | 1   | ∅ 16 x 20 x 0.30 |
| 1              | ∅ 16 x 28 x 0.20 | 1   | ∅ 16 x 28 x 0.25 |
| 1              | ∅ 16 x 30 x 0.20 | 1   | ∅ 16 x 30 x 0.20 |
| 1              | ∅ 16 x 32 x 0.20 | 1   | ∅ 16 x 32 x 0.20 |
| 1              | ∅ 16 x 34 x 0.20 | 1   | ∅ 16 x 34 x 0.20 |
| 1              | ∅ 16 x 36 x 0.20 | 1   | ∅ 16 x 26 x 0.15 |
| 1              | ∅ 16 x 38 x 0.20 | 2   | ∅ 16 x 36 x 0.20 |
| 1              | ∅ 16 x 40 x 0.20 |     |                  |
| 1              | ∅ 16 x 42 x 0.20 |     |                  |
| 1              | ∅ 16 x 44 x 0.20 |     |                  |
| 1              | ∅ 16 x 32 x 0.10 |     |                  |
| 5              | ∅ 16 x 44 x 0.20 |     |                  |

| Shims piston 2 |                  |     |                  |
|----------------|------------------|-----|------------------|
| Qty            | Compression      | Qty | Rebound          |
| 1              | ∅ 20 x 24 x 0.30 | 3   | ∅ 20 x 24 x 0.30 |
| 1              | ∅ 20 x 34 x 0.25 | 2   | ∅ 20 x 38 x 0.20 |
| 1              | ∅ 20 x 36 x 0.25 |     |                  |
| 1              | ∅ 20 x 38 x 0.25 |     |                  |
| 2              | ∅ 20 x 40 x 0.25 |     |                  |

|               |          |               |          |
|---------------|----------|---------------|----------|
| Piston number | 50180197 | Piston number | 50180675 |
| Piston bleed  | 0 mm     | Piston bleed  | 0 mm     |

| Details compression unit: |                          |
|---------------------------|--------------------------|
| Qty                       | Description, dimension   |
| 1                         | Adjusting spring DCC C16 |
| 1                         | Backpl. ∅6x9,5x0,30      |
| 1                         | Shim ∅6x14x0,25          |
| 1                         | Shim ∅6x16x0,25          |
| 1                         | Shim ∅6x18x0,25          |
| 2                         | Shim ∅6x20x0,25          |
| 1                         | Shim ∅6x22x0,15          |
| 1                         | Shim ∅6x14x0,10          |
| 1                         | Shim ∅6x22x0,25          |

Legend: TBD = to be defined - = no comment

Note:

|  |            |           |   | <b>Draftsman:</b>     | Erbschwendtner |
|--|------------|-----------|---|-----------------------|----------------|
|  |            |           |   | <b>Creation date:</b> | 2010-10-18     |
| A  | 2010-11-24 | Ch. Hecht | Bump rubber changed from 50180480 to 50180600, Setting Piston 2 changed |                       |                |
| Index                                    | Date       | Name      | Modification description  |                       |                |
| <b>Total number of release documents</b> |            |           | 1   |                       |                |

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