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**With the compact RC rotary coupler you increase the freedom of movement in the entire working area of the excavator. Thanks to the robust and low construction (it is firmly bolted to the boom), the maximum breakaway and ripping forces are achieved. In addition to the usual movement, each attachment can be endlessly rotated by 360°. This enables more flexible and faster work without moving the excavator.**

**The newly gained freedom of movement allows work to be carried out more precisely, which saves additional manual work steps. Here in combination with the proven L-Lock quick coupling system.**

RC06

- Fully comply with all applicable national and international standards and regulations, including **Machinery Directive 2006/42/EG, DIN EN 474-1, DIN EN 474-5, ISO13031 and SUVA.**
- **Compact and low design.**
- **More flexibility due to 360° rotation.**
- **Low height –** thus **high breakaway force.**
- **Low maintenance.**

## Mechanic Rotary Couplers RC KMS-L

| Type | Width A (mm/in) | Width B (mm/in) | Height C* (mm/in) | Weight* (from kg/lbs) | Rotations/min (@l/min / GPM) | Torque** (kNm/ft.lb) | Operating weight (t/lbs) |
|---|---|---|---|---|---|---|---|
| **RC02 KMS01L** | 150 / 5.9 | 120 / 4.7 | 84 / 3.3 | 25 / 55 | 8.5@4 / 1.1 | 0.6 / 443 | 0.9 - 2.6 / 1,980 - 5,720 |
| **RC04 KMS03L** | 150 / 5.9 | 120 / 4.7 | 84 / 3.3 | 25 / 55 | 8.5@16 / 4.2 | 2 / 1,475 | 2.5 - 3.8 / 5,500 - 8,360 |
| **RC06 KMS03L** | 200 / 7.9 | 150 / 5.9 | 110 / 4.3 | 78 / 171 | 8.5@26 / 6.9 | 4.5 / 3,319 | 3.8 - 6 / 8,360 - 13,200 |
| **RC10 KMS03L** | 228 / 8.9 | 175 / 6.9 | 145 / 5.7 | 98 / 215 | 8.5@40 / 10.6 | 7.5 / 5,531 | 1.5 - 6.5 / 3,300 - 14,300 |
| **RC10 KMS08L** | 228 / 8.9 | 175 / 6.9 | 145 / 5.7 | 98 / 215 | 8.5@40 / 10.6 | 7.5 / 5,531 | 6 - 12 / 13,200 - 26,400 |

*w/o quick coupler and upper bracket; **@360° constant

**Package consists of:** upper bracket, rotation drive, mechanic quick coupler, socket

## Hydraulic Rotary Couplers RC KHS-L (with drop stop claws)

| Type | Width A (mm/in) | Width B (mm/in) | Height C* (mm/in) | Weight* (from kg/lbs) | Rotations/min (@l/min / GPM) | Torque** (kNm/ft.lb) | Operating weight (t/lbs) |
|---|---|---|---|---|---|---|---|
| **RC02 KHS01L** | 150 / 5.9 | 120 / 4.7 | 84 / 3.3 | 25 / 55 | 8.5@4 / 1.1 | 0.6 / 443 | 0.9 - 2.6 / 1,980 - 5,720 |
| **RC04 KHS03L** | 150 / 5.9 | 120 / 4.7 | 84 / 3.3 | 25 / 55 | 8.5@16 / 4.2 | 2 / 1,475 | 2.5 - 3.8 / 5,500 - 8,360 |
| **RC06 KHS03L HD** | 200 / 7.9 | 150 / 5.9 | 110 / 4.3 | 78 / 171 | 8.5@26 / 6.9 | 4.5 / 3,319 | 3.8 - 6 / 8,360 - 13,200 |
| **RC10 KHS03L HD** | 228 / 8.9 | 175 / 6.9 | 145 / 5.7 | 98 / 215 | 8.5@40 / 10.6 | 7.5 / 5,531 | 1.5 - 6.5 / 3,300 - 14,300 |
| **RC10 KHS08L** | 228 / 8.9 | 175 / 6.9 | 145 / 5.7 | 98 / 215 | 8.5@40 / 10.6 | 7.5 / 5,531 | 6 - 12 / 13,200 - 26,400 |

*w/o quick coupler and upper bracket; **@360° constant

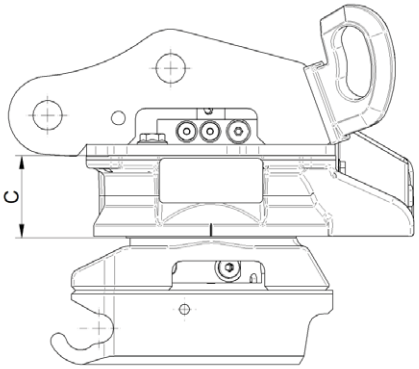
**Package consists of:** upper bracket, rotation drive, hydraulic quick coupler with drop stop claws

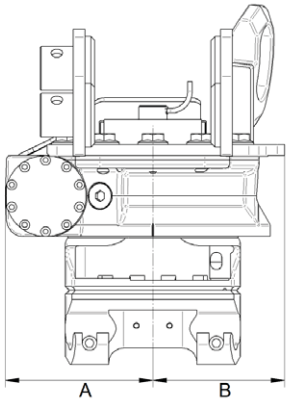
## Technical data and hydraulics RC

| Type | Breakout force max. (ISO) (kN/kNm / lbf/ft.lb) | Bucket width max. (mm/in) | Recommended oil flow rotate (l/min / GPM) | Hydraulic pressure rotate max. (bar/psi) |
|---|---|---|---|---|
| **RC02** | 28/20 / 6,160/14,750 | 800 / 31.5 | 3 - 4 / 0.8 - 1.1 | 170 / 2,448 |
| **RC04** | 32/23 / 7,040/16,963 | 1,100 / 43.3 | 6 - 16 / 1.6 - 4.2 | 170 / 2,448 |
| **RC06** | 43/35 / 9,460/25,813 | 1,200 / 47.2 | 18 - 26 / 4.8 - 6.9 | 250 / 3,600 |
| **RC10** | 75/79 / 16,500/58,263 | 1,600 / 63 | 30 - 40 / 7.9 - 10.6 | 250 / 3,600 |

## Requirements of carrier machine for RC KHS-L

| | Quick coupler | Rotation drive |
|---|---|---|
| **Hydraulic system:** | one single acting hydraulic circuit up to RC04<br>one double acting hydraulic circuit from RC06<br>for further data, see quick coupler KHS-L | one double acting hydraulic circuit |
| **Note:** | excavator needs to be equipped with quick coupler control<br>quick coupling systems of different manufacturers available | |





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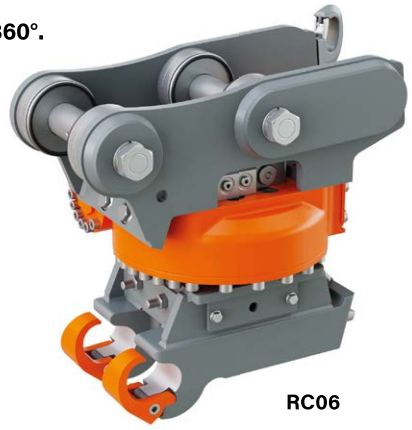


RC06

- ▷ Fully comply with all applicable national and international standards and regulations, including **Machinery Directive 2006/42/EG, DIN EN 474-1, DIN EN 474-5, ISO13031 and SUVA.**
- ▷ **Compact and low design.**
- ▷ **More flexibility due to 360° rotation.**
- ▷ **Low height –** thus **high breakaway force.**
- ▷ **Low maintenance.**

## Mechanic Rotary Couplers RC KMS-L

| Type | Width A (mm/in) | Width B (mm/in) | Height C* (mm/in) | Weight* (from kg/lbs) | Rotations/min (@l/min / @GPM) | Torque** (kNm/ft.lb) | Operating weight (t/lbs) |
|---|---|---|---|---|---|---|---|
| **RC19 KMS10L** | 243 / 9.5 | 233 / 9.1 | 186 / 7.3 | 299 / 658 | 8.5@50 / @13.2 | 12 / 8,850 | 14 - 19 / 30,800 - 41,800 |
| **RC25 KMS21L** | 265 / 10.4 | 265 / 10.4 | 220 / 8.7 | 405 / 891 | 8.5@60 / @15.9 | 15 / 11,063 | 19 - 25 / 41,800 - 55,000 |
| **RC33 KMS25L** | - | - | - | - | - | - | 25 - 33 / 55,000 - 72,600 |

*w/o quick coupler and upper bracket; **@360° constant

**Package consists of:** upper bracket, rotation drive, mechanic quick coupler, socket

## Hydraulic Rotary Couplers RC KHS-L (with drop stop claws)

| Type | Width A (mm/in) | Width B (mm/in) | Height C* (mm/in) | Weight* (from kg/lbs) | Rotations/min (@l/min / @GPM) | Torque** (kNm/ft.lb) | Operating weight (t/lbs) |
|---|---|---|---|---|---|---|---|
| **RC19 KHS10L** | 243 / 9.5 | 233 / 9.1 | 186 / 7.3 | 299 / 658 | 8.5@50 / @13.2 | 12 / 8,850 | 14 - 19 / 30,800 - 41,800 |
| **RC25 KHS21L** | 265 / 10.4 | 265 / 10.4 | 220 / 8.7 | 405 / 891 | 8.5@60 / @15.9 | 15 / 11,063 | 19 - 25 / 41,800 - 55,000 |
| **RC33 KHS25L** | - | - | - | - | - | - | 25 - 33 / 55,000 - 72,600 |

*w/o quick coupler and upper bracket; **@360° constant

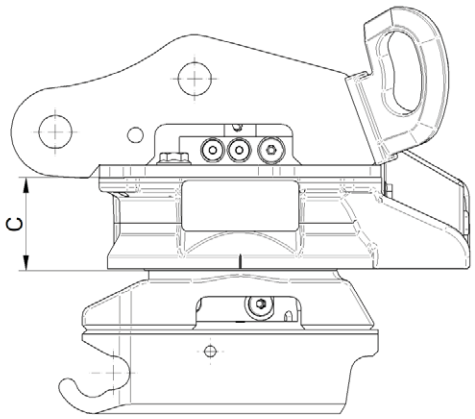
**Package consists of:** upper bracket, rotation drive, hydraulic quick coupler with drop stop claws

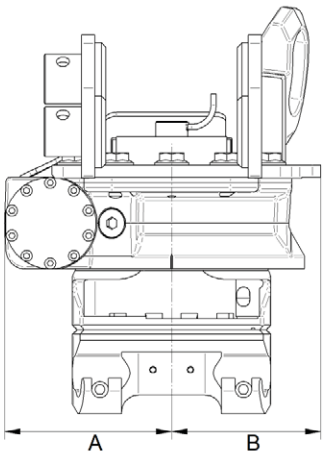
## Technical data and hydraulics RC

| Type | Breakout force max. (ISO) (kN/kNm / lbf/ft.lb) | Bucket width max. (mm/in) | Recommended oil flow rotate (l/min / GPM) | Hydraulic pressure rotate max. (bar/psi) |
|---|---|---|---|---|
| **RC19** | 150/200 / 33,000/147,500 | 1,800 / 70.8 | 40 - 50 / 10.6 - 13.2 | 250 / 3,600 |
| **RC25** | 170/250 / 37,400/184,375 | 2,000 / 78.7 | 50 - 60 / 13.2 - 15.9 | 250 / 3,600 |
| **RC33** | 205/330 / 45,100/243,375 | 2,200 / 86.6 | 60 - 80 / 15.9 - 21.1 | 250 / 3,600 |

## Requirements of carrier machine for RC KHS-L

| | Quick coupler | Rotation drive |
|---|---|---|
| **Hydraulic system:** | one double acting hydraulic circuit<br>for further data, see quick coupler KHS-L | one double acting hydraulic circuit |
| **Note:** | excavator needs to be equipped with quick coupler control<br>quick coupling systems of different manufacturers available | |



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