

- Equipped with BK type brake disc or BM type brake drum.
- Torsionally flexible, maintenance-free.
- Light mass, small moment of inertia.
- Damping impact and vibration.
- Axial plug-in, fail-safety.
- Good dynamic properties.
- Maximum torque of elastomer is twice of the rated torque.
- Curved Brake disc detailed documents, please contact RUVJAX.
- Mounting instructions at 03.108

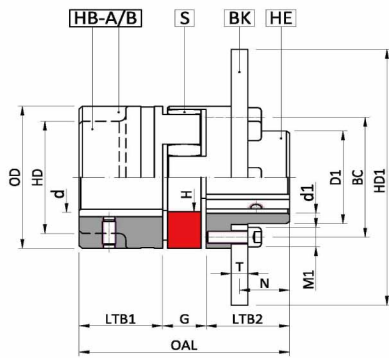


Fig 03.57

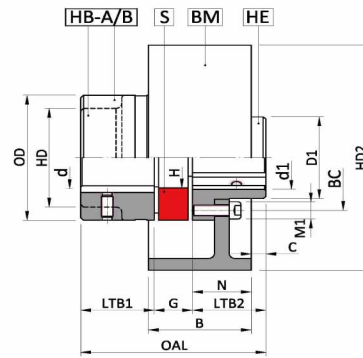


Fig 03.58

03.50

| CJ with brake drum and brake disc | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------------------------|-------|-------|---------------|-----|-----------------|-----|-----|-----|-----|----|------------|-----|-----|-----------|----|-----|
| Size | Spider Rated Torque Nm | | | Max Bore Size | | Dimensions mm | | | | | | | | | | | |
| - | 92ShA | 98ShA | 64ShD | d1 | d | OD | D1 | HD | BC | H | Z | Scale | M1 | TA | LTB1+LTB2 | G | OAL |
| 38 | 190 | 325 | 405 | 28 | 35 | 80 | 50 | 66 | 66 | 38 | 8 | 8 x 45° | M8 | 35 | 45 | 24 | 114 |
| 42 | 265 | 450 | 560 | 38 | 45 | 95 | 60 | 75 | 80 | 46 | 12 | 16 x 22.5° | M8 | 41 | 50 | 26 | 126 |
| 48 | 310 | 525 | 655 | 42 | 50 | 105 | 68 | 85 | 90 | 51 | 12 | 16 x 22.5° | M8 | 41 | 56 | 28 | 140 |
| 55 | 410 | 685 | 825 | 48 | 58 | 120 | 78 | 98 | 102 | 60 | 8 | 8 x 45° | M10 | 83 | 65 | 30 | 160 |
| 65 | 625 | 940 | 1175 | 55 | 68 | 135 | 92 | 115 | 116 | 68 | 12 | 16 x 22.5° | M10 | 83 | 75 | 35 | 185 |
| 75 | 1280 | 1920 | 2400 | 65 | 78 | 160 | 106 | 135 | 136 | 80 | 15 | 20 x 18° | M12 | 120 | 85 | 40 | 210 |
| 90 | 2400 | 3600 | 4500 | 75 | 100 | 200 | 140 | 160 | 172 | 100 | 15 | 20 x 18° | M16 | 295 | 100 | 45 | 245 |
| 100 | 3300 | 4950 | 6185 | 100 | 110 | 225 | 156 | 180 | 195 | 113 | 15 | 20 x 18° | M16 | 295 | 110 | 50 | 270 |
| 110 | 4800 | 7200 | 9000 | 110 | 120 | 255 | 176 | 200 | 218 | 127 | 15 | 20 x 18° | M20 | 580 | 120 | 55 | 295 |
| 125 | 6650 | 10000 | 12500 | 125 | 140 | 290 | 204 | 230 | 252 | 147 | 15 | 20 x 18° | M20 | 580 | 140 | 60 | 340 |

03.51

| brake disc | | | | | | | | | | | |
|------------|--------------|------|------|------|------|------|------|------|------|-------|-----------|
| brake disc | Dimensions N | | | | | | | | | | Speed rpm |
| - | 38 | 42 | 48 | 55 | 65 | 75 | 90 | 100 | 110 | 125 | 30 m/s |
| 200x12.5 | 31.3 | - | - | - | - | - | - | - | - | - | 2800 |
| 250x12.5 | 31.3 | 34.3 | 39.3 | - | - | - | - | - | - | - | 2240 |
| 315x16 | - | 32.5 | 37.5 | 44.5 | 53.5 | 61.5 | - | - | - | - | 1800 |
| 400x16 | - | - | 37.5 | 44.5 | 53.5 | 61.5 | 73.5 | 81.5 | 88.5 | - | 1400 |
| 500x16 | - | - | - | 44.5 | 53.5 | 61.5 | 73.5 | 81.5 | 88.5 | 104.5 | 1120 |
| 630x20 | - | - | - | - | 51.5 | 59.5 | 71.5 | 79.5 | 86.5 | 102.5 | 900 |
| 710x20 | - | - | - | - | 51.5 | 59.5 | 71.5 | 79.5 | 86.5 | 102.5 | 800 |
| 800x25 | - | - | - | - | - | - | 69.0 | 77.0 | 84.0 | 100.0 | 710 |
| 900x25 | - | - | - | - | - | - | - | - | 84.0 | 100.0 | 630 |

03.52

| brake drum | | | | | | | | | | | |
|------------|--------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----------|
| brake drum | Dimensions C | | | | | | | | | | Speed rpm |
| - | 38 | 42 | 48 | 55 | 65 | 75 | 90 | 100 | 110 | 125 | 30 m/s |
| 160x60 | 14 | - | - | - | - | - | - | - | - | - | 3550 |
| 200x75 | 9 | 12 | 17 | 24 | - | - | - | - | - | - | 2800 |
| 250x95 | 1 | 4 | 9 | 16 | 25 | 33 | - | - | - | - | 2240 |
| 315x118 | - | -5 | 0 | 7 | 16 | 24 | 36 | - | - | - | 1800 |
| 400x150 | - | -18 | -13 | -6 | 3 | 11 | 23 | 31 | 38 | - | 1400 |
| 500x190 | - | - | - | - | -12 | -4 | 8 | 16 | 23 | 39 | 1120 |
| 630x236 | - | - | - | - | - | -22 | -10 | -2 | 5 | 21 | 900 |
| 710x265 | - | - | - | - | - | - | - | -13 | -6 | 10 | 800 |
| 800x300 | - | - | - | - | - | - | - | - | - | -4 | 710 |

- CJ38-90, HB type hub standard material is cast iron, 100-125,HB type hub standard material is ductile iron, HE type hub standard material is steel 45#.
- Brake disc standard material is tempered steel #45, brake drum standard material is steel#45 welded.
- D is the bore diameter; The metric bore according to ISO fit H7. The feather keyway according to DIN6885 sheet1-JS91. The inch bore is in accordance with AGMA9002-C14 standard, the bore is clearance fit, and the keyway is commercial grade.
- Hexagon socket set screws with cup point is accordance with DIN EN ISO4029, Strength class: 12.9. T_A is tightening torque, unit: Nm.
- Hexagon socket set screws with cup point is accordance with DIN EN ISO4029, hardness class 45H. T_A is tightening torque, unit: Nm.