

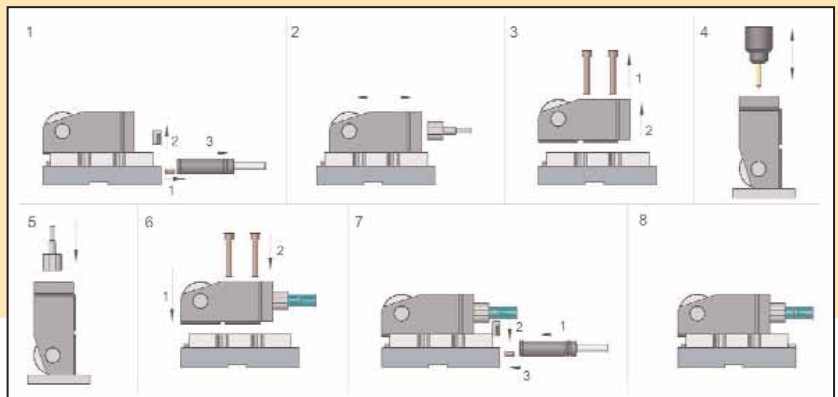
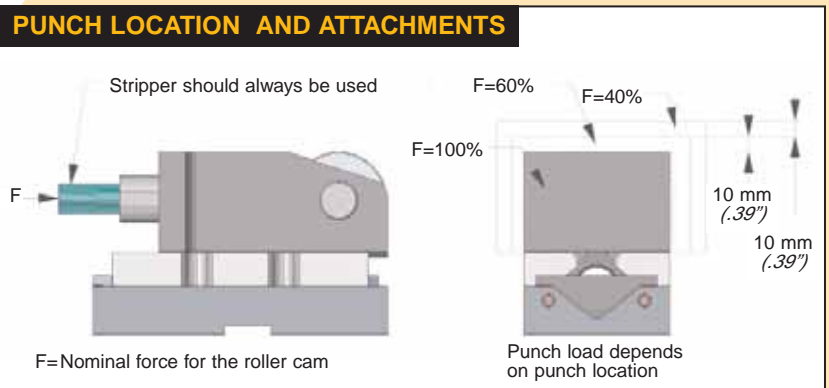
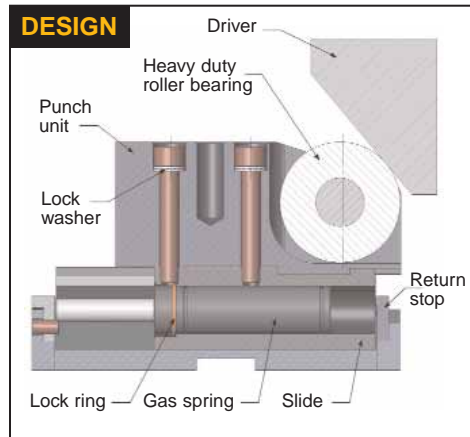
Roller Cam Units



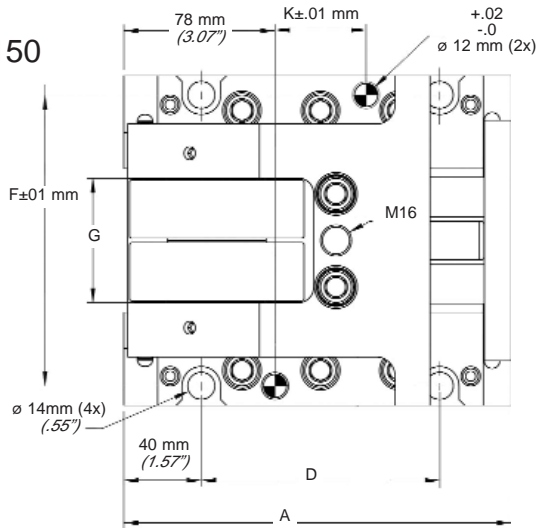
The new generation of Dyne-A-Cam® roller cams has been developed to meet the industry's increasing demands on standard cam units. Our three models are engineered for a minimum service life of one million cycles! Choose from a range of piercing forces: RC2-30 offers 30kN (3.37 ton); RC2-50 offers 50kN (5.62 ton); and RCP2-150 provides 150 kN (16.86 ton). Roller cams can be mounted at any angle, with a 50-degree angle required between a user-supplied driver and the motion of cam. The contact surface of the driver should be hardened to 58-60 HRC.

Features:

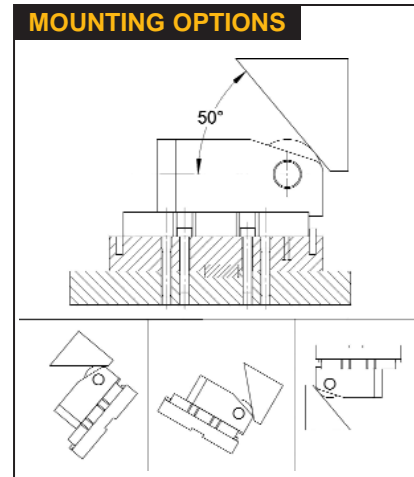
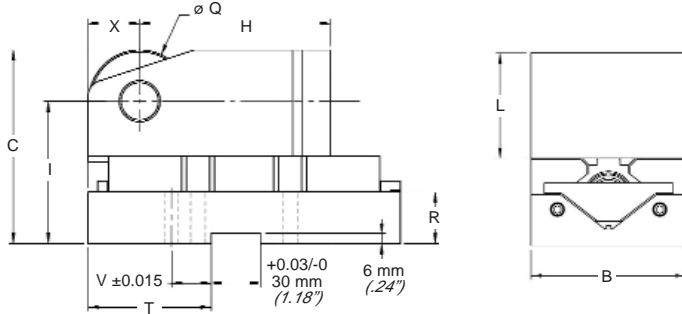
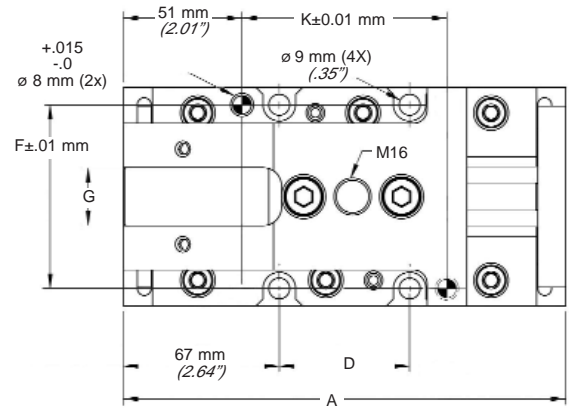
- Precision guiding allows more off-center loading and upside-down installation.
- Built in return stroke dampening.
- Simple punch attachment.
- Maintenance-free operation.
- Heavy duty roller bearing transfers force from driver to cam.
- All models feature Hyson nitrogen gas springs for return force.



RCP2-150



RC2-30
and
RC2-50



| Order No. | S Stroke | A | B | C | D | F | G | H | I | K | L | Q | R | T | V | X | Max width of driver | |
|----------------|-------------|---|------|------|--|------|-------|------|------|--------------------------|-------|------|------|------|------|-------|---------------------------|------|
| | | Nominal force 30,000 N (3.37 Tons) | | | Initial return force 2000 N (450 lbs.) | | | | | Gas Spring T2-180 | | | | | | | | |
| RC2-30 X 50 | mm | 50 | 190 | 94 | 117 | 56 | 79 | 25 | 116 | 86 | 88 | 64 | 62 | 31 | 75 | 24 | 31 | 31 |
| | in. | 1.97 | 7.48 | 3.70 | 4.61 | 2.20 | 3.110 | 0.98 | 4.57 | 3.39 | 3.465 | 2.52 | 2.44 | 1.22 | 2.95 | 0.945 | 1.22 | 1.22 |
| RC2-30 X 80 | mm | 80 | 220 | 94 | 117 | 86 | 79 | 25 | 116 | 86 | 118 | 64 | 62 | 31 | 75 | 24 | 31 | 31 |
| | in. | 3.15 | 8.66 | 3.70 | 4.61 | 3.39 | 3.110 | 0.98 | 4.57 | 3.39 | 4.646 | 2.52 | 2.44 | 1.22 | 2.95 | 0.945 | 1.22 | 1.22 |
| | | Nominal force 50,000 N (5.62 Tons) | | | Initial return force 3500 N (787 lbs.) | | | | | Gas Spring T3-350 | | | | | | | | |
| RC2-50 X 50 | mm | 50 | 190 | 120 | 140 | 56 | 105 | 29 | 110 | 103 | 88 | 75 | 72 | 40 | 75 | 24 | 36 | 35 |
| | in. | 1.97 | 7.48 | 4.72 | 5.51 | 2.20 | 4.134 | 1.14 | 4.33 | 4.06 | 3.465 | 2.95 | 2.83 | 1.57 | 2.95 | 0.945 | 1.42 | 1.38 |
| RC2-50 X 80 | mm | 80 | 220 | 120 | 140 | 86 | 105 | 29 | 110 | 103 | 118 | 75 | 72 | 40 | 75 | 24 | 36 | 35 |
| | in. | 3.15 | 8.66 | 4.72 | 5.51 | 3.39 | 4.134 | 1.14 | 4.33 | 4.06 | 4.646 | 2.95 | 2.83 | 1.57 | 2.95 | 0.945 | 1.42 | 1.38 |
| RC2-50 X 100 | mm | 100 | 240 | 120 | 157 | 126 | 105 | 29 | 110 | 120 | 158 | 75 | 72 | 40 | 75 | 24 | 36 | 35 |
| | in. | 3.94 | 9.45 | 4.72 | 6.18 | 4.96 | 4.134 | 1.14 | 4.33 | 4.72 | 6.220 | 2.95 | 2.83 | 1.57 | 2.95 | 0.945 | 1.42 | 1.38 |
| | | Nominal force 150,000 N (16.86 Tons) | | | Initial return force 5000 N (1124 lbs.) | | | | | Gas Spring T3-500 | | | | | | | | |
| RCP2-150 X 50 | mm | 50 | 200 | 170 | 165 | 123 | 150 | 62 | 110 | 120 | 47 | 92 | 90 | 46 | 86.5 | 9 | 46 | 62 |
| | in. | 1.97 | 7.87 | 6.69 | 6.50 | 4.84 | 5.906 | 2.44 | 4.33 | 4.72 | 1.850 | 3.62 | 3.54 | 1.81 | 3.41 | 0.354 | 1.81 | 2.44 |
| RCP2-150 X 80 | mm | 80 | 230 | 170 | 165 | 153 | 150 | 62 | 110 | 120 | 77 | 92 | 90 | 46 | 86.5 | 9 | 46 | 62 |
| | in. | 3.15 | 9.06 | 6.69 | 6.50 | 6.02 | 5.906 | 2.44 | 4.33 | 4.72 | 3.031 | 3.62 | 3.54 | 1.81 | 3.41 | 0.354 | 1.81 | 2.44 |
| RCP2-150 X 100 | mm | 100 | 250 | 170 | 165 | 173 | 150 | 62 | 110 | 120 | 97 | 92 | 90 | 46 | 86.5 | 9 | 46 | 62 |
| | in. | 3.94 | 9.84 | 6.69 | 6.50 | 6.81 | 5.906 | 2.44 | 4.33 | 4.72 | 3.819 | 3.62 | 3.54 | 1.81 | 3.41 | 0.354 | 1.81 | 2.44 |

NOTE: Dimensions are subject to change without notice. All dimensions are nominal unless tolerance is stated.



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