

# KALLER®



## Roller Cam RC2, RCP2

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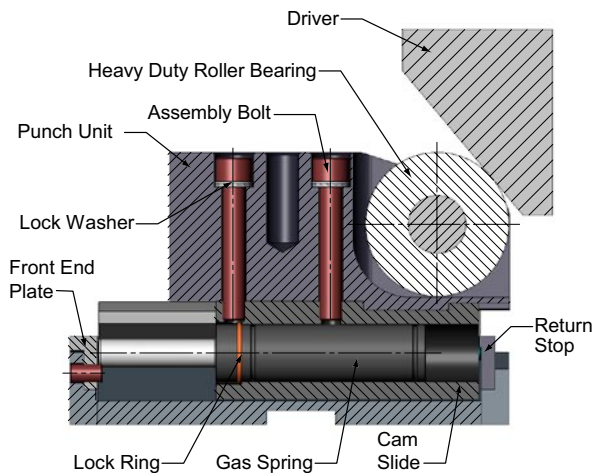
The new generation of Kaller Roller Cams has been developed to meet the industry's increasing demands on standard cam units. Our Roller Cams, RC2 and RCP2, are engineered for a service life of one million cycles! Models are available with maximum piercing forces of 30 kN, 50 kN, and 150 kN.

### Features:

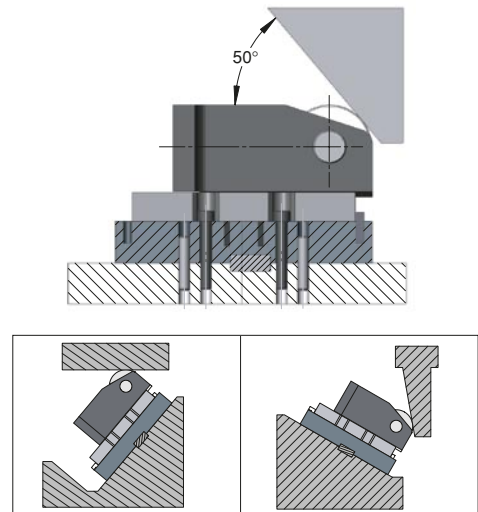
- Precision guiding allows more off-center loading and upside-down installation.
- Built in return stroke dampening.
- Easy punch attachment.
- Maintenance free operation.
- Driver designed to provide required displacement profile.

**Note:** The contact surface on the driver should be hardened to approximately 58-60 HRC.

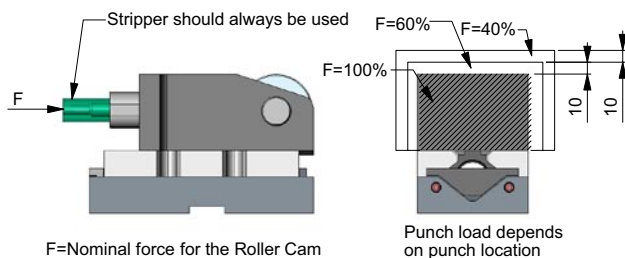
### Design



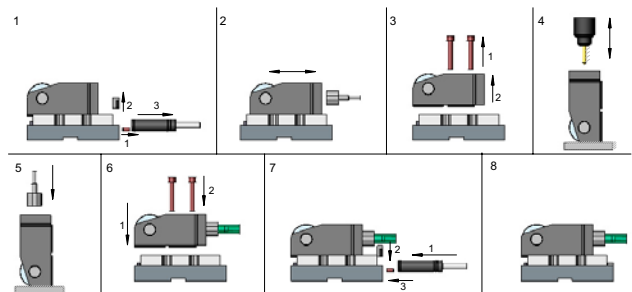
### Mounting Options



### Punch Location

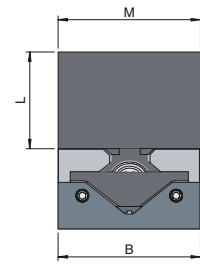


### Punch Attachment



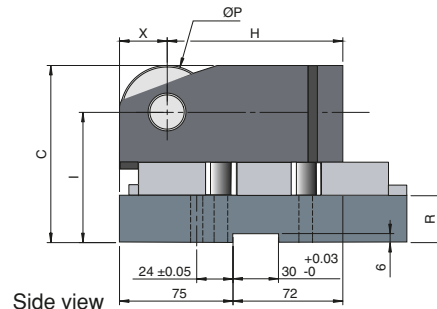
## Dimensions RC2 30, RC2 50 & RCP2 150

RC2 30, RC2 50 & RCP2 150



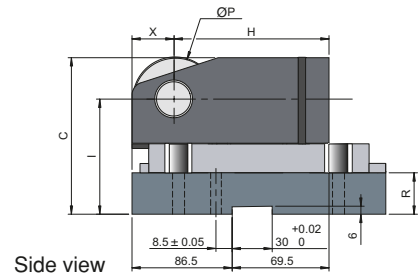
Front view

RC2 30 & 50

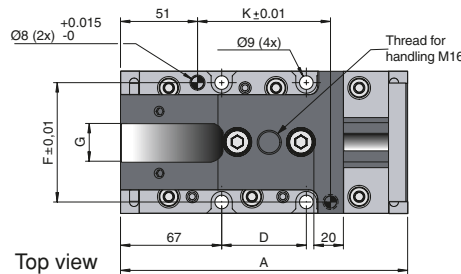


Side view

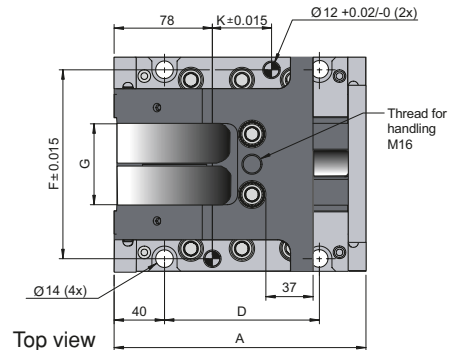
RCP2 150



Side view



Top view



Top view

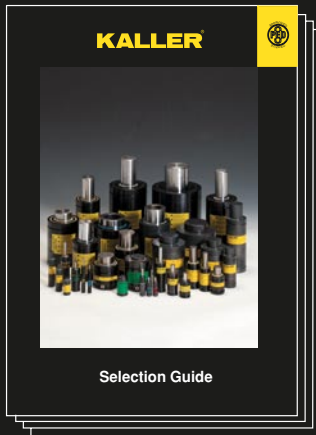
Order No.	S Stroke	A	B	C	D	F	G	H	I	K	L	M	P	R	X	Max width of the driver
Nominal force 6700 lbF		Initial return force 450 lbF					Gas spring M2 200									
RC2 30-050	50	190	94	117	56	79	25	116	86	88	64	94	62	31	31	36
RC2 30-080	80	220	94	117	86	79	25	116	86	118	64	94	62	31	31	36
Nominal force 11,240 lbF		Initial return force 790 lbF					Gas spring X 350									
RC2 50-050	50	190	120	140	56	105	29	111	103	88	75	120	72	40	36	36
RC2 50-080	80	220	120	140	86	105	29	111	103	118	75	120	72	40	36	36
RC2 50-100	100	240	120	157	126	105	29	111	120	158	75	120	72	57	36	36
Nominal force 33,720 lbF		Initial return force 1125 lbF					Gas spring X 500									
RCP2 150-050	50	200	170	165	123	150	62	110	120	47	92	170	90	46	46	62
RCP2 150-080	80	230	170	165	153	150	62	110	120	77	92	170	90	46	46	62
RCP2 150-100	100	250	170	165	173	150	62	110	120	97	92	170	90	46	46	62

Complete technical data and CAD drawing templates are available for downloading at [www.kaller.com](http://www.kaller.com) or contact your nearest Kaller distributor for a printed catalog.

Millimeters to Inches:  $mm \div 25.4 = \text{inches}$   
 Kilograms to Pounds:  $Kg \div 0.45 = \text{pounds}$   
 Pounds Force to DecaNewtons:  $LbF \times 0.4448 = \text{decaNewtons}$

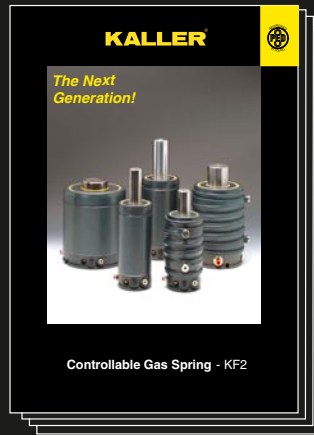
# KALLER®

## The Safer Choice



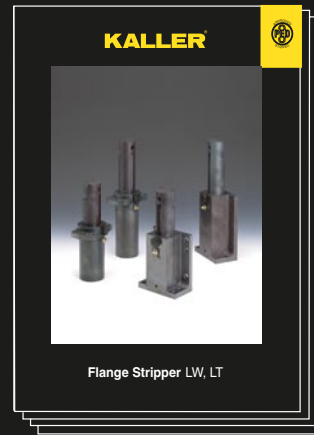
### Gas Springs

Kaller developed the first nitrogen gas spring for press tools and today offers a comprehensive selection of high quality gas springs for use in different tool & die applications.



### Controllable Gas Springs-KF2

Kaller controllable springs are a family of gas springs, for use in press tools, that can be locked in their bottom position and where the return stroke of the spring can be controlled.



### Flange Stripper Unit

Kaller Flange Stripper Unit is used in flanging dies for stripping/lifting a flanged part after forming. It provides 200 daN of stripping force, can be top or bottom mounted and is self guiding.



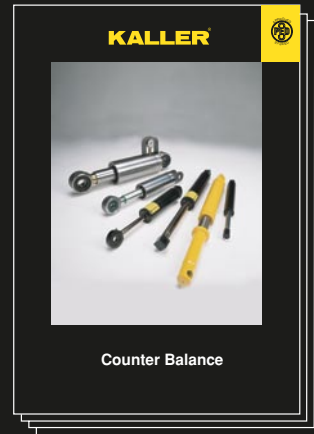
### Flex Cam™

The Flex Cam is used for piercing, cutting, forming and flanging operations. The system allows for a flexible distribution of forces with optimal direction and velocity. By using a Flex Cam, fewer tools are required in production.



### Roller Cam

Kaller Roller Cam is used for piercing, trimming, flanging and restriking. The Roller Cam can be mounted in both vertical and horizontal angles.



### Counter Balance

Kaller Counter Balance gas springs can be used to lift, lower, assist, balance, and hold in a multitude of applications.



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June 2007