

Kaller Gas Springs

SERIES	Description	Model	Available Stroke Lengths (mm)	Initial Force at Max Pressure		Total Length (mm)	Cylinder Diameter (mm)
				(daN)	(lbf)		
EP2	Color coded gas Ejector-Pins that are fully interchangeable with mechanical spring plungers.	EP2 16	10, 20, 30, 40, 50, 60, 70, 80, 100, 125	42	94	45 + (2 x Stroke)	M16x1.5/ 16x2
		EP2 24	10, 20, 30, 40, 50, 60, 70, 80, 100, 125	170	380	45 + (2 x Stroke)	M24x1.5
		EPS2 24	10, 16, 20, 25, 30, 38, 40, 50, 60, 70, 80, 100, 125	170	380	45 + (2 x Stroke)	M24x1.5
"R"	Rod Sealed and color coded gas springs that are compact and fully adjustable.	R12	7, 10, 12.7, 15, 19, 25, 38.1, 50, 63.5, 75, 80, 100, 125	50	110	42 or 45+ (2 x Stroke)	Ø 12
		R15	7, 10, 12.7, 15, 19, 25, 38.1, 50, 63.5, 75, 80, 100, 125	70	160	42 or 45 + (2 x Stroke)	Ø 15
		R19	7, 10, 15, 25, 38.1, 50, 63.5, 80, 100, 125	90	200	42 or 45 + (2 x Stroke)	Ø 19
Mini	Repairable, color coded and fully adjustable gas springs. Available with or without threaded cylinders.	M2	10, 12.7, 15, 16, 25, 38.1, 50, 63.5, 80, 100, 125	200	450	42 or 45 + (2 x Stroke)	Ø 25
		MM2	10, 12.7, 15, 16, 25, 38.1, 50, 63.5, 80, 100, 125	200	450	42 + (2 x Stroke)	M28x1.5
		MC3	10, 12.7, 16, 25, 38.1, 50, 63.5, 80, 100, 125	200	450	50 + (2 x Stroke)	Ø 32
CU	Super compact gas springs that provide extreme forces with minimal cylinder diameter.	CU 420	6, 10, 16, 25, 32, 40, 50	425	960	56 - 195	Ø 25
		CU 740	6, 10, 16, 25, 32, 40, 50	740	1660	63 - 195	Ø 32
		CU 1000	6, 10, 16, 25, 32, 40, 50	1060	2380	61 - 230	Ø 38
		CU 1800	6, 10, 16, 25, 32, 40, 50	1800	4050	66 - 220	Ø 50
		CU 2900	10, 16, 25, 32, 40, 50	2950	6630	85 - 205	Ø 63
		CU 4700	10, 16, 25, 32, 40, 50	4700	10570	80 - 240	Ø 75
		CU 7500	10, 16, 25, 32, 40, 50	7500	16860	90 - 255	Ø 95
		CU 11800	10, 16, 25, 32, 40, 50	11800	26530	100 - 260	Ø 120
		CU 18300	10, 16, 25, 32, 40, 50	18300	41140	110 - 270	Ø 150
Power-Line X	The shortest, strongest and most advanced rod sealed gas springs.	X 170	7, 10, 15, 19, 25, 38, 50, 63, 75, 80, 100, 125	170	380	30 or 35 + (2 x Stroke)	Ø 19
		X 320	7, 10, 15, 19, 25, 38, 50, 63, 75, 80, 100, 125	320	720	30 or 35 + (2 x Stroke)	Ø 25
		X 350	10, 13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	360	810	30 + (2 x Stroke)	Ø 32
		X 500	10, 13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	470	1060	30 + (2 x Stroke)	Ø 38
		X 750	10, 13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	740	1660	32 + (2 x Stroke)	Ø 45
		X 1000	13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	920	2070	38 + (2 x Stroke)	Ø 50
		X 1500	13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	1500	3370	44 + (2 x Stroke)	Ø 63
		X 2400	16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	2400	5400	45 + (2 x Stroke)	Ø 75
		X 4200	16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	4200	9440	58 + (2 x Stroke)	Ø 95
		X 6600	16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	6630	14910	68 + (2 x Stroke)	Ø 120
		X 9500	19, 25, 32, 38, 50, 63, 75, 80, 100, 125	9500	21360	78 + (2 x Stroke)	Ø 150
TU	Standard series – dimensions correspond to the ISO 11901 standard for gas springs.	TU 250	10, 12.7, 16, 25, 38.1, 50, 63.5, 80, 100, 125	265	600	50 + (2 x Stroke)	Ø 38
		TU 500	10, 12.7, 25, 38.1, 50, 63.5, 80, 100, 125, 160	470	1060	85 + (2 x Stroke)	Ø 45
		TU 750	12.7, 25, 38.1, 50, 63.5, 80, 100, 125, 160, 200, 250, 300	740	1660	95 + (2 x Stroke)	Ø 50
		TU 1500	25, 38.1, 50, 63.5, 80, 100, 125, 160, 200, 250, 300	1500	3370	110 + (2 x Stroke)	Ø 75
		TU 3000	25, 38.1, 50, 63.5, 80, 100, 125, 160, 200, 250, 300	3000	6740	120 + (2 x Stroke)	Ø 95
		TU 5000	25, 38.1, 50, 63.5, 80, 100, 125, 160, 200, 250, 300	5000	11240	140 + (2 x Stroke)	Ø 120
		TU 7500	25, 38.1, 50, 63.5, 80, 100, 125, 160, 200, 250, 300	7500	16860	155 + (2 x Stroke)	Ø 150
		TU 10000	25, 38.1, 50, 63.5, 80, 100, 125, 160, 200, 250, 300	10600	23830	160 + (2 x Stroke)	Ø 195



Other series available:

TX: Power Line - Heavy Duty series a crossover between standard TU series and Power Line X series.

SPC Series: Speed Control has been engineered to reduce or eliminate blank holder bounce commonly associated with increased return stroke, speeds from link drive presses.

LCF Series: These innovative Low Contact Force series of gas spring are 100% interchangeable with ISO gas springs (ie. TU Series) and reduce shock loads, noise levels and pad bounce problems.

Mould Temp - MT 16 to MT1000 - gas springs are compact and powerful piston rod sealed gas springs, which can be used up to 120°C.

Accessories,
Mounts,
Repair and
Tool Kits
available.

