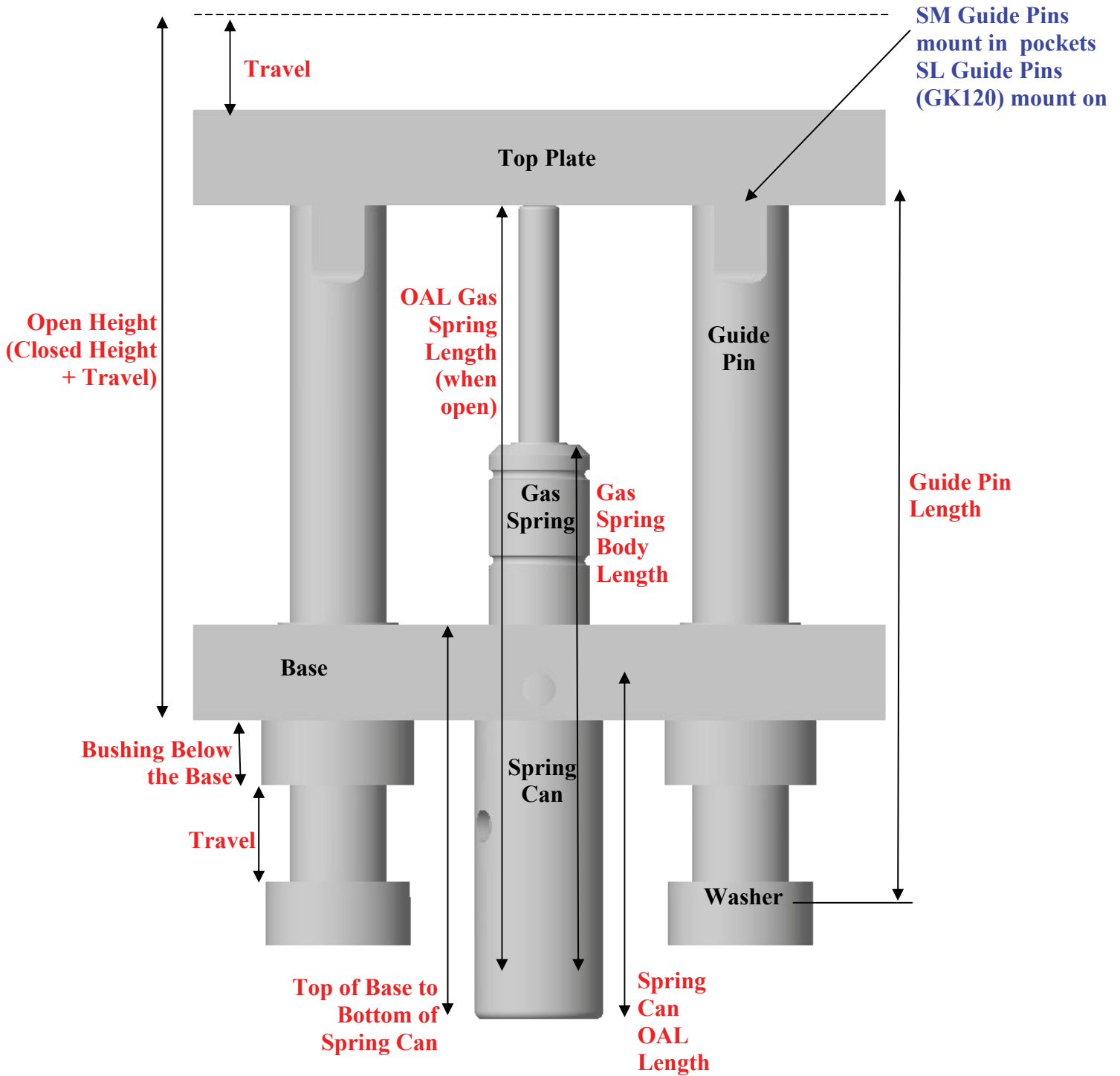


Standard Lifters - Configuration Diagram



See Data Chart Below



SM12 & SM20 Configuration Reference Chart

Open Height	Travel (up to)	Top Plate Thickness	Bushing Length Below the Base	Gas Spring Size(mm)	Spring Can OAL Length	Guide Pin Length		OAL Gas Spring Length	Gas Spring Body Length	Top of Base to Bottom of Can
1.625	0.125	0.75	0.500	15	2.875	1.625		2.835	2.195	3.010
1.750	0.250	0.75	0.500	15	2.875	1.750		2.835	2.195	2.885
1.875	0.375	0.75	0.500	25	3.250	1.875		3.622	2.589	3.547
2.000	0.500	0.75	0.500	25	3.250	2.000		3.622	2.589	3.422
2.125	0.625	0.75	0.500	25	3.250	2.125		3.622	2.589	3.297
2.250	0.750	0.75	0.500	25	2.875	2.250		3.622	2.589	3.172
2.375	0.875	0.75	0.500	25	2.875	2.375		3.622	2.589	3.047
2.500	0.886	0.75	0.500	25	2.875	2.500		3.622	2.589	2.922
2.500	1.000	0.75	0.500	38	3.625	2.500		4.646	3.101	3.946
2.625	1.125	0.75	0.500	38	3.625	2.625		4.646	3.101	3.821
2.750	1.250	0.75	0.500	38	3.625	2.750		4.646	3.101	3.696
2.875	1.346	0.75	0.500	38	3.250	2.875		4.646	3.101	3.571
2.875	1.375	0.75	0.500	50	4.375	2.875		5.591	3.573	4.516
3.000	1.346	0.75	0.500	38	3.250	3.000		4.646	3.101	3.446
3.000	1.500	0.75	0.500	50	4.375	3.000		5.591	3.573	4.391
3.125	1.346	0.75	0.500	38	3.250	3.125		4.646	3.101	3.321
3.125	1.625	0.75	0.500	50	4.000	3.125		5.591	3.573	4.266
3.250	1.750	0.75	0.500	50	4.000	3.250		5.591	3.573	4.141
3.375	1.772	0.75	0.500	50	4.000	3.375		5.591	3.573	4.016
3.375	1.875	0.75	0.500	65	5.125	3.375		6.772	4.164	5.197
3.500	1.772	0.75	0.500	50	3.625	3.500		5.591	3.573	3.891
3.500	2.000	0.75	0.500	65	4.750	3.500		6.772	4.164	5.072
3.625	1.772	0.75	0.500	50	3.625	3.625		5.591	3.573	3.766
3.625	2.125	0.75	0.500	65	4.750	3.625		6.772	4.164	4.947
3.750	1.772	0.75	0.500	50	3.625	3.750		5.591	3.573	3.641
3.750	2.250	0.75	0.500	65	4.750	3.750		6.772	4.164	4.822
3.875	2.303	0.75	0.500	65	4.375	3.875		6.772	4.164	4.697
3.875	2.375	0.75	0.500	80	5.875	3.875		8.071	4.872	5.996
4.000	2.303	0.75	0.500	65	4.375	4.000		6.772	4.164	4.572
4.000	2.500	0.75	0.500	80	5.500	4.000		8.071	4.872	5.871
4.125	2.303	0.75	0.500	65	4.375	4.125		6.772	4.164	4.447
4.125	2.625	0.75	0.500	80	5.500	4.125		8.071	4.872	5.746
4.250	2.303	0.75	0.500	65	4.000	4.250		6.772	4.164	4.322
4.250	2.750	0.75	0.500	80	5.500	4.250		8.071	4.872	5.621
4.375	2.303	0.75	0.500	65	4.000	4.375		6.772	4.164	4.197
4.375	2.835	0.75	0.500	80	5.125	4.375		8.071	4.872	5.496
4.375	2.875	0.75	0.500	100	7.000	4.375		9.646	5.660	7.071
4.500	2.303	0.75	0.500	65	4.000	4.500		6.772	4.164	4.072
4.500	2.835	0.75	0.500	80	5.125	4.500		8.071	4.872	5.371
4.500	3.000	0.75	0.500	100	6.625	4.500		9.646	5.660	6.946
4.625	2.303	0.75	0.500	65	3.625	4.625		6.772	4.164	3.947
4.625	2.835	0.75	0.500	80	5.125	4.625		8.071	4.872	5.246
4.625	3.125	0.75	0.500	100	6.625	4.625		9.646	5.660	6.821
4.750	2.303	0.75	0.500	65	3.625	4.750		6.772	4.164	3.822
4.750	2.835	0.75	0.500	80	4.750	4.750		8.071	4.872	5.121
4.750	3.250	0.75	0.500	100	6.625	4.750		9.646	5.660	6.696
4.875	2.303	0.75	0.500	65	3.625	4.875		6.772	4.164	3.697

SM12 & SM20 Configuration Reference Chart

Open Height	Travel (up to)	Top Plate Thickness	Bushing Length Below the Base	Gas Spring Size(mm)	Spring Can OAL Length	Guide Pin Length		OAL Gas Spring Length	Gas Spring Body Length	Top of Base to Bottom of Can
4.875	2.835	0.75	0.500	80	4.750	4.875		8.071	4.872	4.996
4.875	3.375	0.75	0.500	100	6.250	4.875		9.646	5.660	6.571
5.000	2.835	0.75	0.500	80	4.750	5.000		8.071	4.872	4.871
5.000	3.500	0.75	0.500	100	6.250	5.000		9.646	5.660	6.446
5.125	2.835	0.75	0.500	80	4.375	5.125		8.071	4.872	4.746
5.125	3.543	0.75	0.500	100	6.250	5.125		9.646	5.660	6.321
5.125	3.625	0.75	0.500	125	8.125	5.125		11.614	6.644	8.289
5.250	2.835	0.75	0.500	80	4.375	5.250		8.071	4.872	4.621
5.250	3.543	0.75	0.500	100	5.875	5.250		9.646	5.660	6.196
5.250	3.750	0.75	0.500	125	8.125	5.250		11.614	6.644	8.164
5.375	2.835	0.75	0.500	80	4.375	5.375		8.071	4.872	4.496
5.375	3.543	0.75	0.500	100	5.875	5.375		9.646	5.660	6.071
5.375	3.875	0.75	0.500	125	7.750	5.375		11.614	6.644	8.039
5.500	2.835	0.75	0.500	80	4.000	5.500		8.071	4.872	4.371
5.500	3.543	0.75	0.500	100	5.875	5.500		9.646	5.660	5.946
5.500	4.000	0.75	0.500	125	7.750	5.500		11.614	6.644	7.914
5.625	2.835	0.75	0.500	80	4.000	5.625		8.071	4.872	4.246
5.625	3.543	0.75	0.500	100	5.500	5.625		9.646	5.660	5.821
5.625	4.125	0.75	0.500	125	7.750	5.625		11.614	6.644	7.789
5.750	2.835	0.75	0.500	80	4.000	5.750		8.071	4.872	4.121
5.750	3.543	0.75	0.500	100	5.500	5.750		9.646	5.660	5.696
5.750	4.250	0.75	0.500	125	7.375	5.750		11.614	6.644	7.664
5.875	3.543	0.75	0.500	100	5.500	5.875		9.646	5.660	5.571
5.875	4.375	0.75	0.500	125	7.375	5.875		11.614	6.644	7.539
6.000	3.543	0.75	0.500	100	5.125	6.000		9.646	5.660	5.446
6.000	4.500	0.75	0.500	125	7.375	6.000		11.614	6.644	7.414
6.125	3.543	0.75	0.500	100	5.125	6.125		9.646	5.660	5.321
6.125	4.625	0.75	0.500	125	7.000	6.125		11.614	6.644	7.289
6.250	3.543	0.75	0.500	100	5.125	6.250		9.646	5.660	5.196
6.250	4.750	0.75	0.500	125	7.000	6.250		11.614	6.644	7.164
1.625	0.125	0.75	1.250	15	2.875	2.375		2.835	2.195	3.010
1.750	0.250	0.75	1.250	15	2.875	2.500		2.835	2.195	2.885
1.875	0.375	0.75	1.250	25	3.250	2.625		3.622	2.589	3.547
2.000	0.500	0.75	1.250	25	3.250	2.750		3.622	2.589	3.422
2.125	0.625	0.75	1.250	25	3.250	2.875		3.622	2.589	3.297
2.250	0.750	0.75	1.250	25	2.875	3.000		3.622	2.589	3.172
2.375	0.875	0.75	1.250	25	2.875	3.125		3.622	2.589	3.047
2.500	0.886	0.75	1.250	25	2.875	3.250		3.622	2.589	2.922
2.500	1.000	0.75	1.250	38	3.625	3.250		4.646	3.101	3.946
2.625	1.125	0.75	1.250	38	3.625	3.375		4.646	3.101	3.821
2.750	1.250	0.75	1.250	38	3.625	3.500		4.646	3.101	3.696
2.875	1.346	0.75	1.250	38	3.250	3.625		4.646	3.101	3.571
2.875	1.375	0.75	1.250	50	4.375	3.625		5.591	3.573	4.516
3.000	1.346	0.75	1.250	38	3.250	3.750		4.646	3.101	3.446
3.000	1.500	0.75	1.250	50	4.375	3.750		5.591	3.573	4.391
3.125	1.346	0.75	1.250	38	3.250	3.875		4.646	3.101	3.321
3.125	1.625	0.75	1.250	50	4.000	3.875		5.591	3.573	4.266

SM12 & SM20 Configuration Reference Chart

Open Height	Travel (up to)	Top Plate Thickness	Bushing Length Below the Base	Gas Spring Size(mm)	Spring Can OAL Length	Guide Pin Length		OAL Gas Spring Length	Gas Spring Body Length	Top of Base to Bottom of Can
3.250	1.750	0.75	1.250	50	4.000	4.000		5.591	3.573	4.141
3.375	1.772	0.75	1.250	50	4.000	4.125		5.591	3.573	4.016
3.375	1.875	0.75	1.250	65	5.125	4.125		6.772	4.164	5.197
3.500	1.772	0.75	1.250	50	3.625	4.250		5.591	3.573	3.891
3.500	2.000	0.75	1.250	65	4.750	4.250		6.772	4.164	5.072
3.625	1.772	0.75	1.250	50	3.625	4.375		5.591	3.573	3.766
3.625	2.125	0.75	1.250	65	4.750	4.375		6.772	4.164	4.947
3.750	1.772	0.75	1.250	50	3.625	4.500		5.591	3.573	3.641
3.750	2.250	0.75	1.250	65	4.750	4.500		6.772	4.164	4.822
3.875	2.303	0.75	1.250	65	4.375	4.625		6.772	4.164	4.697
3.875	2.375	0.75	1.250	80	5.875	4.625		8.071	4.872	5.996
4.000	2.303	0.75	1.250	65	4.375	4.750		6.772	4.164	4.572
4.000	2.500	0.75	1.250	80	5.500	4.750		8.071	4.872	5.871
4.125	2.303	0.75	1.250	65	4.375	4.875		6.772	4.164	4.447
4.125	2.625	0.75	1.250	80	5.500	4.875		8.071	4.872	5.746
4.250	2.303	0.75	1.250	65	4.000	5.000		6.772	4.164	4.322
4.250	2.750	0.75	1.250	80	5.500	5.000		8.071	4.872	5.621
4.375	2.303	0.75	1.250	65	4.000	5.125		6.772	4.164	4.197
4.375	2.835	0.75	1.250	80	5.125	5.125		8.071	4.872	5.496
4.375	2.875	0.75	1.250	100	7.000	5.125		9.646	5.660	7.071
4.500	2.303	0.75	1.250	65	4.000	5.250		6.772	4.164	4.072
4.500	2.835	0.75	1.250	80	5.125	5.250		8.071	4.872	5.371
4.500	3.000	0.75	1.250	100	6.625	5.250		9.646	5.660	6.946
4.625	2.303	0.75	1.250	65	3.625	5.375		6.772	4.164	3.947
4.625	2.835	0.75	1.250	80	5.125	5.375		8.071	4.872	5.246
4.625	3.125	0.75	1.250	100	6.625	5.375		9.646	5.660	6.821
4.750	2.303	0.75	1.250	65	3.625	5.500		6.772	4.164	3.822
4.750	2.835	0.75	1.250	80	4.750	5.500		8.071	4.872	5.121
4.750	3.250	0.75	1.250	100	6.625	5.500		9.646	5.660	6.696
4.875	2.303	0.75	1.250	65	3.625	5.625		6.772	4.164	3.697
4.875	2.835	0.75	1.250	80	4.750	5.625		8.071	4.872	4.996
4.875	3.375	0.75	1.250	100	6.250	5.625		9.646	5.660	6.571
5.000	2.835	0.75	1.250	80	4.750	5.750		8.071	4.872	4.871
5.000	3.500	0.75	1.250	100	6.250	5.750		9.646	5.660	6.446
5.125	2.835	0.75	1.250	80	4.375	5.875		8.071	4.872	4.746
5.125	3.543	0.75	1.250	100	6.250	5.875		9.646	5.660	6.321
5.125	3.625	0.75	1.250	125	8.125	5.875		11.614	6.644	8.289
5.250	2.835	0.75	1.250	80	4.375	6.000		8.071	4.872	4.621
5.250	3.543	0.75	1.250	100	5.875	6.000		9.646	5.660	6.196
5.250	3.750	0.75	1.250	125	8.125	6.000		11.614	6.644	8.164
5.375	2.835	0.75	1.250	80	4.375	6.125		8.071	4.872	4.496
5.375	3.543	0.75	1.250	100	5.875	6.125		9.646	5.660	6.071
5.375	3.875	0.75	1.250	125	7.750	6.125		11.614	6.644	8.039
5.500	2.835	0.75	1.250	80	4.000	6.250		8.071	4.872	4.371
5.500	3.543	0.75	1.250	100	5.875	6.250		9.646	5.660	5.946
5.500	4.000	0.75	1.250	125	7.750	6.250		11.614	6.644	7.914
5.625	2.835	0.75	1.250	80	4.000	6.375		8.071	4.872	4.246

SM12 & SM20 Configuration Reference Chart

Open Height	Travel (up to)	Top Plate Thickness	Bushing Length Below the Base	Gas Spring Size(mm)	Spring Can OAL Length	Guide Pin Length		OAL Gas Spring Length	Gas Spring Body Length	Top of Base to Bottom of Can
5.625	3.543	0.75	1.250	100	5.500	6.375		9.646	5.660	5.821
5.625	4.125	0.75	1.250	125	7.750	6.375		11.614	6.644	7.789
5.750	2.835	0.75	1.250	80	4.000	6.500		8.071	4.872	4.121
5.750	3.543	0.75	1.250	100	5.500	6.500		9.646	5.660	5.696
5.750	4.250	0.75	1.250	125	7.375	6.500		11.614	6.644	7.664
5.875	3.543	0.75	1.250	100	5.500	6.625		9.646	5.660	5.571
5.875	4.375	0.75	1.250	125	7.375	6.625		11.614	6.644	7.539
6.000	3.543	0.75	1.250	100	5.125	6.750		9.646	5.660	5.446
6.000	4.500	0.75	1.250	125	7.375	6.750		11.614	6.644	7.414
6.125	3.543	0.75	1.250	100	5.125	6.875		9.646	5.660	5.321
6.125	4.625	0.75	1.250	125	7.000	6.875		11.614	6.644	7.289
6.250	3.543	0.75	1.250	100	5.125	7.000		9.646	5.660	5.196
6.250	4.750	0.75	1.250	125	7.000	7.000		11.614	6.644	7.164