

LFNG BASIC RANGE

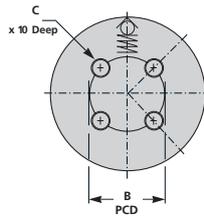
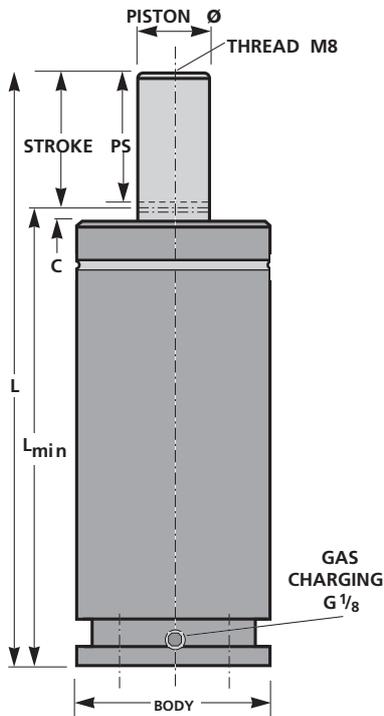
LFNG 0750 to LFNG 5000

Spring Type/ Part Number	Spring Force N (lbs)		Piston Ø mm	Body Ø mm	C mm	Max. stroke PS.	L min	L +0 -1	Service Kit
	Intial	Maximum							
LFNG 0750/12.7	7500 N	8900 N	25	75	3	11	107.7	120	33-28-01
LFNG 0750/25	(1658)	(1962)				23	120	145	
LFNG 0750/38.1						36	133.1	171	
LFNG 0750/50						48	145	195	
LFNG 0750/63.5						61	158.5	222	
LFNG 0750/80						78	175	255	
LFNG 0750/100						98	195	295	
LFNG 0750/125						123	220	345	
LFNG 0750/160						158	255	415	
LFNG 1500/25	15000 N	18900 N	36	95	3	23	135	160	33-28-02
LFNG 1500/38.1	(3306)	(4166)				36	148.1	186	
LFNG 1500/50						48	160	210	
LFNG 1500/63.5						61	173.5	237	
LFNG 1500/80						78	190	270	
LFNG 1500/100						98	210	310	
LFNG 1500/125						123	235	360	
LFNG 1500/160						158	270	430	
LFNG 3000/25	30000 N	38700N	50	120	3	23	145	170	
LFNG 3000/38.1	(6613)	(3531)				36	158.1	196	
LFNG 3000/50						48	170	220	
LFNG 3000/63.5						61	183.5	247	
LFNG 3000/80						78	200	280	
LFNG 3000/100						98	220	320	
LFNG 3000/125						123	245	370	
LFNG 3000/160						158	280	440	
LFNG 5000/25	50000 N	65500 N	65	150	3	23	165	190	33-28-04
LFNG 5000/38.1	(11,023)	(14,440)				36	178.1	216	
LFNG 5000/50						48	190	240	
LFNG 5000/63.5						61	203.5	267	
LFNG 5000/80						78	220	300	
LFNG 5000/100						98	240	340	
LFNG 5000/125						123	265	390	
LFNG 5000/160						158	300	460	

When ordering the gas spring you require, also consider the type of mounting, and include this in the Spring Type/Part Number. For example ISNG 5000/63.5 RSF. Full range of mounting examples are listed on page 3 and 4. Special sizes are available upon request up to 300mm



LFNG BASIC RANGE



LFNG 750 TO LFNG 5000
STYLE CYLINDER

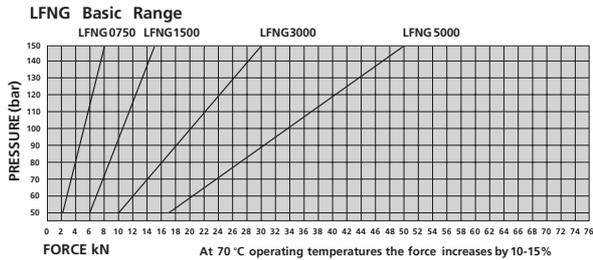
Fixing Centres

Type	B	C
LFNG 0750	40	4xM8
LFNG 1500	60	4xM8
LFNG 3000	80	4xM10
LFNG 5000	100	4xM10

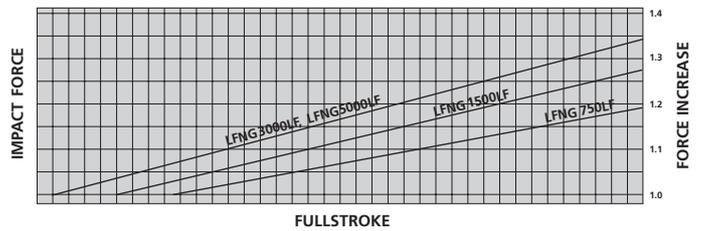
GAS SPRING DATA

Use only Nitrogen.
 Max. Pressure 150 Bar.
 Min. Pressure 50 Bar.
 Max. Piston Velocity 38m/min.
 Max Side Force 0.20°
 Suitable for CNOMO Hoses

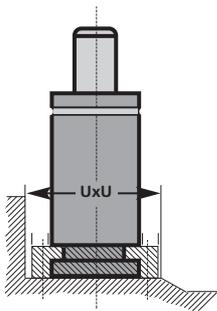
FORCE ON IMPACT



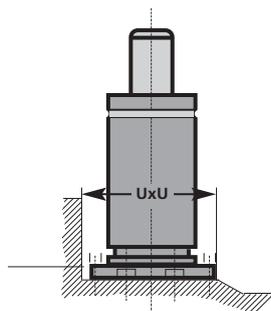
Character curves for Low Force Series



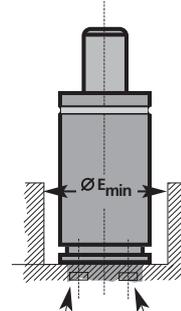
Mounting Examples



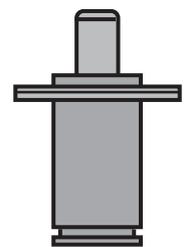
Square Flange (SF)
or Reverse Square Flange (RSF)
or Flange Feet (F)



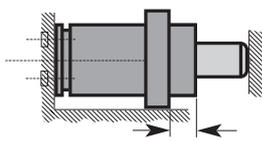
Base Plate (BP)



Tapped Holes (TH)
(NB Not ISNG0250)



Front Flange (FF)
NB If mounted horizontally
an end support
must be used (ES)



Tapped Holes (ES)
with end supports

Basic Dimensions

Type	F2	E	U
LFNG 0750	30	76.5	115
LFNG 1500	40	96.5	135
LFNG 3000	50	122	155
LFNG 5000	60	153	185

How to Order:

Spring Type x Stroke + Mounting Type
 i.e. LFNG 1500 x 25 x BP

See pages 19 - 23 for
Fastening Examples.

Please note use the next size up when ordering flanges ie for LFNG3000 use 5000SF

