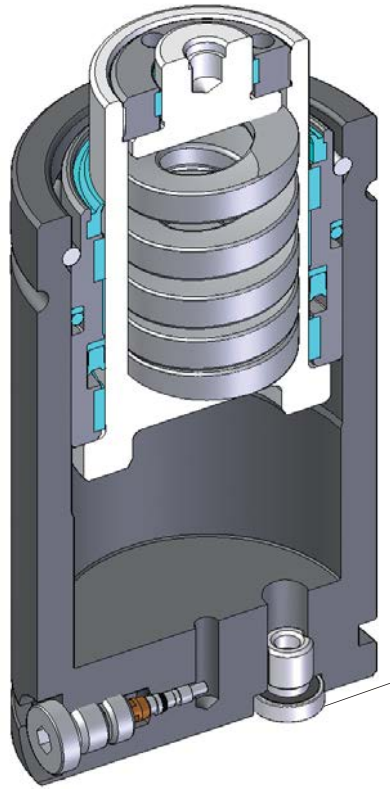


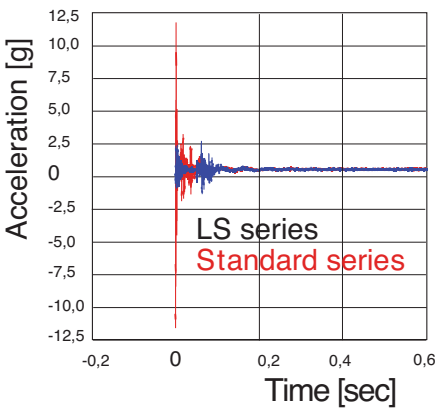
**- 55 %  
noise**

**- 50 %  
vibrations**

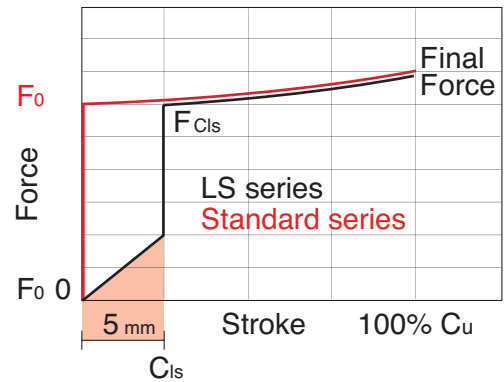


**Over  
Pressure  
Active  
Safety**

### INITIAL IMPACT VIBRATIONS



### FORCE CURVE



### Range chart

Model	Body Ø		Stroke Cu		Initial force F <sub>0</sub>		OSAS	USAS	OPAS	SKUDO
	mm	inch	mm	inch	daN	lb				
LS 1500	75	2,95	25 - 300	0,98 - 11,81	1590	3574	-	-	✓	-
LS 2400	75	2,95	25 - 300	0,98 - 11,81	2385	5362	-	-	✓	-
LS 3000	95	3,74	25 - 300	0,98 - 11,81	2830	6362	-	-	✓	-
LS 4200	95	3,74	25 - 300	0,98 - 11,81	4240	9532	-	-	✓	-
LS 5000	120	4,72	25 - 300	0,98 - 11,81	4418	9932	-	-	✓	-
LS 6600	120	4,72	25 - 300	0,98 - 11,81	6630	14905	-	-	✓	-
LS 7500	150	5,91	25 - 300	0,98 - 11,81	7630	17152	-	-	✓	-
LS 9500	150	5,91	25 - 300	0,98 - 11,81	9540	21446	-	-	✓	-



**How  
to  
Order**

## LS 2400-050-A - N

Codice cilindro autonomo  
Self-contained cylinder code  
Kode des eingeständigen Gdf.  
Code du cylindre autonome  
Codigo del cilindro autónomo  
Codigo do cilindro autónomo

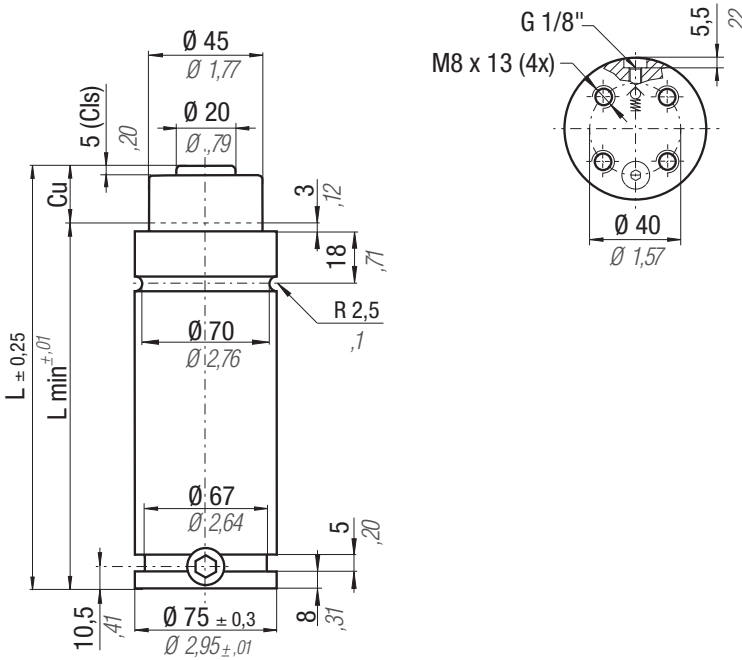
Collegabile con tubi, fornito scarico e senza valvola unidirezionale  
Linkable with hoses, supplied without pressure and oneway valve  
Anschlussfähig mit Leitungen, geliefert ohne Druck und RückschlagVentil  
Connectable avec tubes, fourni sans pression ni valve unidirectionelle  
Connectable con tubos, suministrado sin presión y sin válvula unidireccional  
Acompláveis com tubos, fornecidos sem pressão e sem válvula unidireccional



**Info**

\*  $F_{1i}$  = Isothermal end force at 100% Cu - see page 31

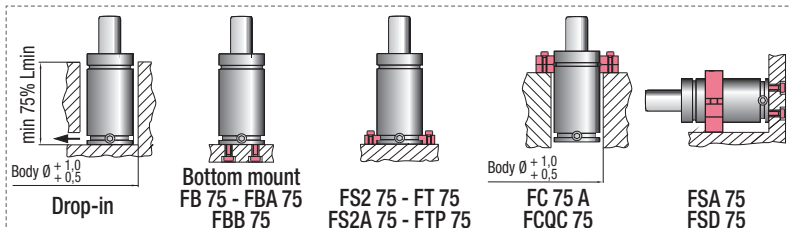
\*\*  $F_{1p}$  = Polytrophic end force at 100% Cu - see page 31



	$^{\circ}\text{F}$ 32 - 176	$^{\circ}\text{C}$ 0 - 80	$\Delta\text{P}$ $\pm 0,33\% / ^{\circ}\text{C}$	<b>P max</b> 100 bar 1450 psi	<b>P min</b> 20 bar 290 psi	<b>S</b> 15,9 cm <sup>2</sup> 2,465 in <sup>2</sup>	<b>SPM</b> ~ 15 - 60 (at 20°C)	<b>Max Speed</b> 1,8 m/s	<b>Maintenance kit</b> 39BMLS01500A
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CODE	Cu		L		L min		F <sub>0</sub> Initial force		F CIs		F <sub>1i</sub> * End force *		F <sub>1p</sub> ** End force **		V <sub>0</sub>		Cat.		
	mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	daN	lb	cm <sup>3</sup>	in <sup>3</sup>	~Kg	~lb	
LS 1500 - 025 - A	25	0,98	160	6,30	135	5,31	0	0	1590	3574	2300	5171	3047	6850	126,0	7,69	3,71	8,18	-
LS 1500 - 038 - A	38	1,50	186	7,32	148	5,83	0	0	1590	3574	2425	5452	3314	7450	174,0	10,62	3,79	8,36	-
LS 1500 - 050 - A	50	1,97	210	8,27	160	6,30	0	0	1590	3574	2499	5618	3476	7814	218,0	13,30	3,89	8,58	-
LS 1500 - 063 - A	63,5	2,50	237	9,33	173,5	6,83	100 bar	1450 psi	100 bar	1450 psi	2555	5744	3600	8093	268,0	16,35	4,48	9,88	-
LS 1500 - 080 - A	80	3,15	270	10,63	190	7,48	100 bar	1450 psi	100 bar	1450 psi	2607	5861	3715	8352	329,0	20,08	4,73	10,43	-
LS 1500 - 100 - A	100	3,94	310	12,20	210	8,27	100 bar	1450 psi	100 bar	1450 psi	2648	5953	3809	8563	403,0	24,59	4,89	10,78	-
LS 1500 - 125 - A	125	4,92	360	14,17	235	9,25	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	2684	6034	3891	8747	495,0	30,21	5,57	12,28	-
LS 1500 - 160 - A	160	6,30	430	16,93	270	10,63	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	2718	6110	3968	8920	624,0	38,08	6,33	13,96	-
LS 1500 - 200 - A	200	7,87	510	20,08	310	12,20	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	2743	6167	4026	9051	771,0	47,05	7,19	15,85	-
LS 1500 - 250 - A	250	9,84	610	24,02	360	14,17	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	2764	6214	4075	9161	955,0	58,28	9,19	20,26	-
LS 1500 - 300 - A	300	11,81	710	27,95	410	16,14	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	2778	6245	4108	9235	1139,0	69,51	11,04	24,34	I

LS

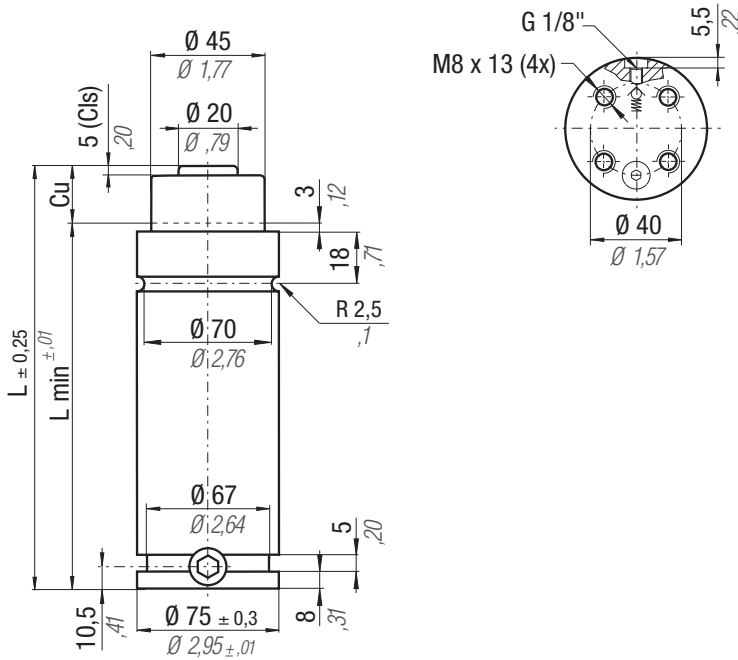


**HOW TO ORDER**

(10 pcs) LS 1500-050-A  
(10 pcs) LS 1500-050-A-N

# LS 2400

- 50% VIBRATIONS  
- 55% NOISE

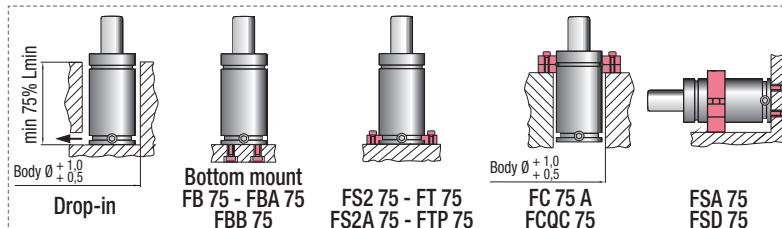


## Info

\*  $F_{1i}$  = Isothermal end force at 100% Cu - see page 31

\*\*  $F_{1p}$  = Polytrophic end force at 100% Cu - see page 31

CODE	N <sub>2</sub>	°F 32 - 176	°C 0 - 80	ΔP ± 0,33 %/°C	P max 150 bar 2175 psi	P min 20 bar 290 psi	S 15,9 cm <sup>2</sup> 2,465 in <sup>2</sup>	SPM ~ 15 - 60 (at 20°C)	Max Speed 1,8 m/s	Maintenance kit 39BMLS01500A	Cu		L		L min		F <sub>0</sub>		F CIs		F <sub>1i</sub>		F <sub>1p</sub>		V <sub>0</sub>		Kg		lb		Cat.
											mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	daN	lb	cm <sup>3</sup>	in <sup>3</sup>	-Kg	-lb			
LS 2400 - 025 - A											25	0,98	160	6,30	135	5,31	0	0	2385	5362	3449	7754	4471	10051	126,0	7,69	3,71	8,18	-		
LS 2400 - 038 - A											38	1,50	186	7,32	148	5,83					3638	8177	4863	10932	174,0	10,62	3,79	8,36	-		
LS 2400 - 050 - A											50	1,97	210	8,27	160	6,30					3749	8428	5100	11465	218,0	13,30	3,89	8,58	-		
LS 2400 - 063 - A											63,5	2,50	237	9,33	173,5	6,83					3833	8617	5282	11875	268,0	16,35	4,48	9,88	-		
LS 2400 - 080 - A											80	3,15	270	10,63	190	7,48	150 bar	2175 psi	150 bar	2175 psi	3910	8790	5451	12253	329,0	20,08	4,73	10,43	-		
LS 2400 - 100 - A											100	3,94	310	12,20	210	8,27					3973	8931	5589	12564	403,0	24,59	4,89	10,78	-		
LS 2400 - 125 - A											125	4,92	360	14,17	235	9,25	± 5%		± 5%		4026	9052	5709	12834	495,0	30,21	5,57	12,28	-		
LS 2400 - 160 - A											160	6,30	430	16,93	270	10,63	+ 20 °C +68 °F		+ 20 °C +68 °F		4077	9164	5822	13088	624,0	38,08	6,33	13,96	-		
LS 2400 - 200 - A											200	7,87	510	20,08	310	12,20					4114	9249	5907	13280	771,0	47,05	7,19	15,85	-		
LS 2400 - 250 - A											250	9,84	610	24,02	360	14,17					4146	9320	5979	13441	955,0	58,28	9,19	20,26	-		
LS 2400 - 300 - A											300	11,81	710	27,95	410	16,14					4167	9369	6028	13551	1139,0	69,51	11,04	24,34	I		



## HOW TO ORDER

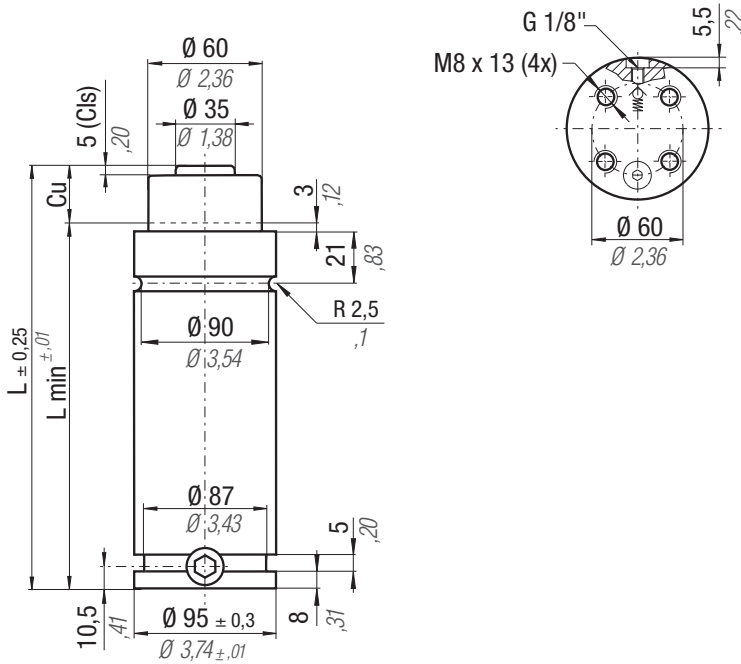
(10 pcs) LS 2400-050-A  
(10 pcs) LS 2400-050-A-N



**Info**

\*  $F_{1i}$  = Isothermal end force at 100% Cu - see page 31

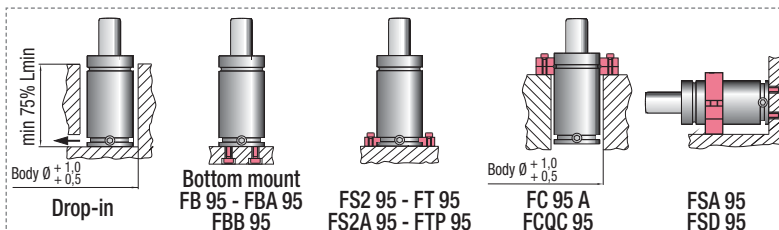
\*\*  $F_{1p}$  = Polytrophic end force at 100% Cu - see page 31



	$^{\circ}F$ 32 176	$^{\circ}C$ 0 80	$\Delta P$ $\pm 0,33\%/^{\circ}C$	<b>P max</b> 100 bar 1450 psi	<b>P min</b> 20 bar 290 psi	<b>S</b> 28,27 cm <sup>2</sup> 4,382 in <sup>2</sup>	<b>SPM</b> ~ 15 - 60 (at 20°C)	<b>Max Speed</b> 1,8 m/s	<b>Maintenance kit</b> 39BMLS03000A
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CODE	Cu		L		L min		F0 Initial force		F Cls		F1 <sub>i</sub> * End force *		F1 <sub>p</sub> ** End force **		Vo		~Kg	~lb	Cat.
	mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	daN	lb	cm <sup>3</sup>	in <sup>3</sup>			
LS 3000 - 025 - A	25	0,98	170	6,69	145	5,71	0	0	2830	6362	4046	9097	5330	11983	195,0	11,90	5,69	12,54	-
LS 3000 - 038 - A	38	1,50	196	7,72	158	6,22					4339	9755	5952	13381	274,0	16,72	6,48	14,29	-
LS 3000 - 050 - A	50	1,97	220	8,66	170	6,69					4527	10178	6365	14310	347,0	21,17	6,77	14,93	-
LS 3000 - 063 - A	63,5	2,50	247	9,72	183,5	7,22					4678	10517	6703	15070	429,0	26,18	6,84	15,08	-
LS 3000 - 080 - A	80	3,15	280	11,02	200	7,87					4823	10842	7033	15812	529,0	32,28	7,23	15,94	-
LS 3000 - 100 - A	100	3,94	320	12,60	220	8,66					4945	11117	7318	16452	650,0	39,66	7,95	17,53	-
LS 3000 - 125 - A	125	4,92	370	14,57	245	9,65					5055	11364	7576	17031	801,0	48,88	9,58	21,12	-
LS 3000 - 160 - A	160	6,30	440	17,32	280	11,02					5160	11601	7827	17596	1013,0	61,82	10,89	24,01	I
LS 3000 - 200 - A	200	7,87	520	20,47	320	12,60					5242	11784	8024	18038	1256,0	76,64	11,03	24,32	I
LS 3000 - 250 - A	250	9,84	620	24,41	370	14,57					5312	11941	8193	18418	1559,0	95,13	12,06	26,59	I
LS 3000 - 300 - A	300	11,81	720	28,35	420	16,54	5360	12050	8312	18685	1859,0	113,44	13,02	28,70	I				

LS

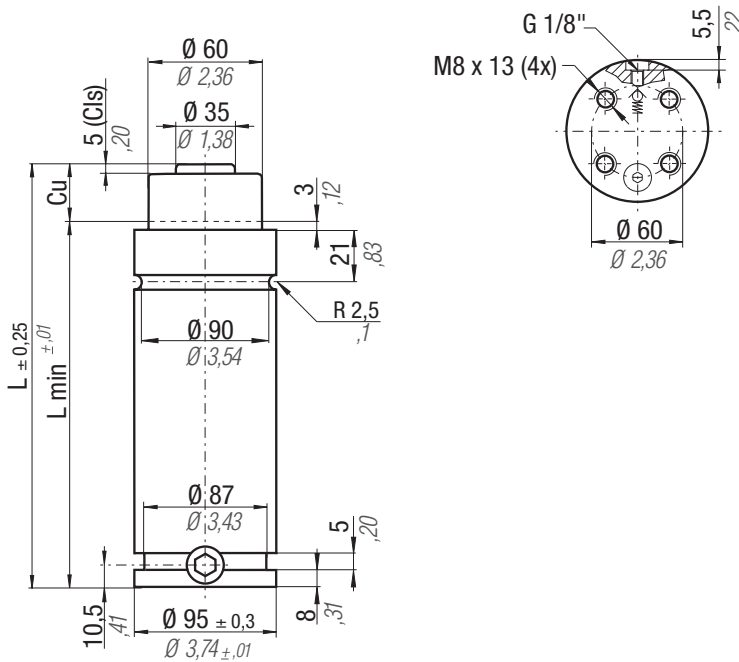


**HOW TO ORDER**

(10 pcs) LS 3000-050-A  
(10 pcs) LS 3000-050-A-N

# LS 4200

- 50% VIBRATIONS  
- 55% NOISE

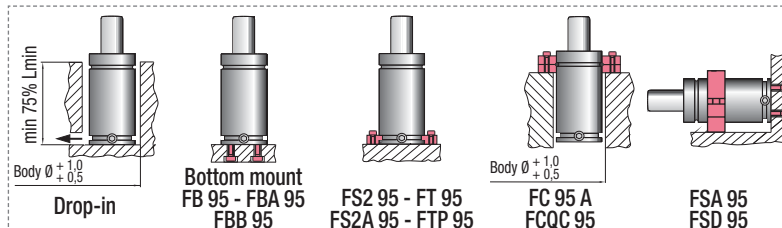


## Info

\*  $F_{1i}$  = Isothermal end force at 100% Cu - see page 31

\*\*  $F_{1p}$  = Polytrophic end force at 100% Cu - see page 31

CODE	N <sub>2</sub>	°F 32 - 176	°C 0 - 80	ΔP ± 0,33 %/°C	P max 150 bar 2175 psi	P min 20 bar 290 psi	S 28,27 cm <sup>2</sup> 4,382 in <sup>2</sup>	SPM ~ 15 - 60 (at 20°C)	Max Speed 1,8 m/s	Maintenance kit 39BMLS03000A	Cu		L		L min		F <sub>0</sub>		F Cls		F <sub>1i</sub>		F <sub>1p</sub>		V <sub>0</sub>		Weight		CE
											mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	daN	lb	cm <sup>3</sup>	in <sup>3</sup>	-Kg	-lb	
LS 4200 - 025 - A											25	0,98	170	6,69	145	5,71	0	0	4240	9532	6070	13645	7821	17583	195,0	11,90	5,69	12,54	-
LS 4200 - 038 - A											38	1,50	196	7,72	158	6,22					6509	14632	8733	19633	274,0	16,72	6,48	14,29	-
LS 4200 - 050 - A											50	1,97	220	8,66	170	6,69					6791	15267	9340	20997	347,0	21,17	6,77	14,93	-
LS 4200 - 063 - A											63,5	2,50	247	9,72	183,5	7,22					7017	15775	9836	22112	429,0	26,18	6,84	15,08	-
LS 4200 - 080 - A											80	3,15	280	11,02	200	7,87	150 bar	2175 psi	150 bar	2175 psi	7234	16263	10320	23201	529,0	32,28	7,23	15,94	-
LS 4200 - 100 - A											100	3,94	320	12,60	220	8,66					7418	16676	10738	24139	650,0	39,66	7,95	17,53	-
LS 4200 - 125 - A											125	4,92	370	14,57	245	9,65					7582	17045	11116	24989	801,0	48,88	9,58	21,12	-
LS 4200 - 160 - A											160	6,30	440	17,32	280	11,02	± 5%	+ 20 °C +68 °F	± 5%	+ 20 °C +68 °F	7740	17401	11485	25818	1013,0	61,82	10,89	24,01	I
LS 4200 - 200 - A											200	7,87	520	20,47	320	12,60					7863	17677	11773	26467	1256,0	76,64	11,03	24,32	I
LS 4200 - 250 - A											250	9,84	620	24,41	370	14,57					7967	17911	12021	27025	1559,0	95,13	12,06	26,59	II
LS 4200 - 300 - A											300	11,81	720	28,35	420	16,54					8040	18076	12196	27417	1859,0	113,44	13,02	28,70	II



## HOW TO ORDER

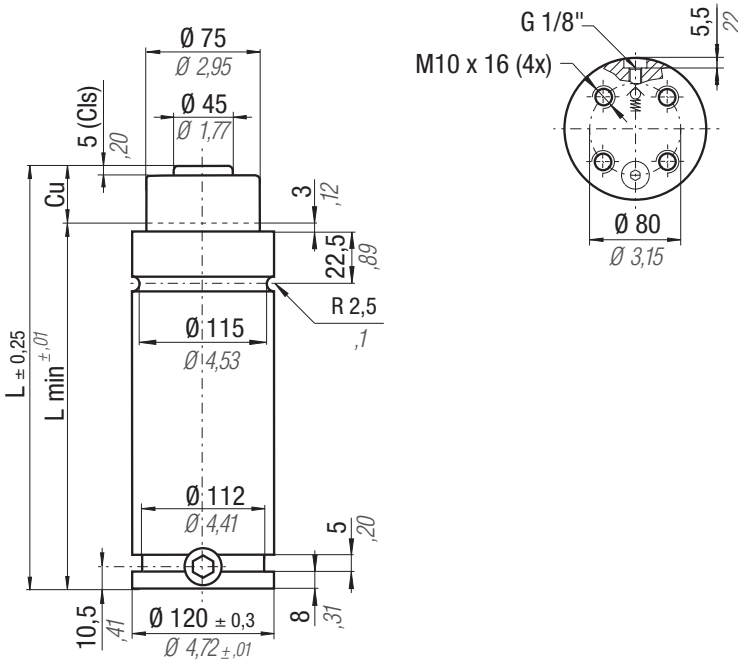
(10 pcs) LS 4200-050-A  
(10 pcs) LS 4200-050-A-N



**Info**

\*  $F_{1i}$  = Isothermal end force at 100% Cu - see page 31

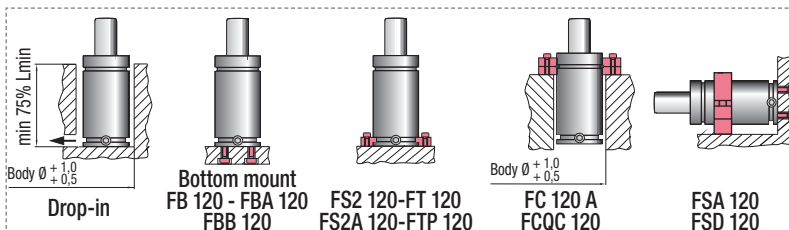
\*\*  $F_{1p}$  = Polytrophic end force at 100% Cu - see page 31



	$^{\circ}\text{F}$ 32 176	$^{\circ}\text{C}$ 0 80	$\Delta\text{P}$ $\pm 0,33\% / ^{\circ}\text{C}$	<b>P max</b> 100 bar 1450 psi	<b>P min</b> 20 bar 290 psi	<b>S</b> 44,18 cm <sup>2</sup> 6,848 in <sup>2</sup>	<b>SPM</b> ~ 15 - 60 (at 20°C)	<b>Max Speed</b> 1,8 m/s	<b>Maintenance kit</b> 39BMLS05000A
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CODE	Cu		L		L min		F0 Initial force		F Cls		F1i * End force *		F1p ** End force **		Vo		~Kg	~lb	Cat.
	mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	daN	lb	cm <sup>3</sup>	in <sup>3</sup>			
LS 5000 - 025 - A	25	0,98	190	7,48	165	6,50	0 0	0 0	4418	9932	6433	14461	8559	19241	353,0	21,54	10,60	23,37	-
LS 5000 - 038 - A	38	1,50	216	8,50	178	7,01					6886	15480	9531	21427	471,0	28,74	12,00	26,46	-
LS 5000 - 050 - A	50	1,97	240	9,45	190	7,48					7172	16123	10164	22850	580,0	35,39	13,20	29,10	-
LS 5000 - 063 - A	63,5	2,50	267	10,51	203,5	8,01					7398	16631	10674	23997	697,0	42,53	13,60	29,98	-
LS 5000 - 080 - A	80	3,15	300	11,81	220	8,66					7612	17112	11166	25102	851,0	51,93	14,10	31,09	-
LS 5000 - 100 - A	100	3,94	340	13,39	240	9,45					7791	17515	11585	26044	1032,0	62,98	15,40	33,95	I
LS 5000 - 125 - A	125	4,92	390	15,35	265	10,43					7950	17872	11960	26887	1259,0	76,83	16,90	37,26	I
LS 5000 - 160 - A	160	6,30	460	18,11	300	11,81					8102	18213	12323	27703	1575,0	96,11	18,70	41,23	I
LS 5000 - 200 - A	200	7,87	540	21,26	340	13,39					8218	18475	12604	28335	1937,0	118,20	21,70	47,84	II
LS 5000 - 250 - A	250	9,84	640	25,20	390	15,35					8317	18697	12844	28875	2390,0	145,84	24,80	54,67	II
LS 5000 - 300 - A	300	11,81	740	29,13	440	17,32	8386	18852	13012	29253	2843,0	173,49	28,00	61,73	II				

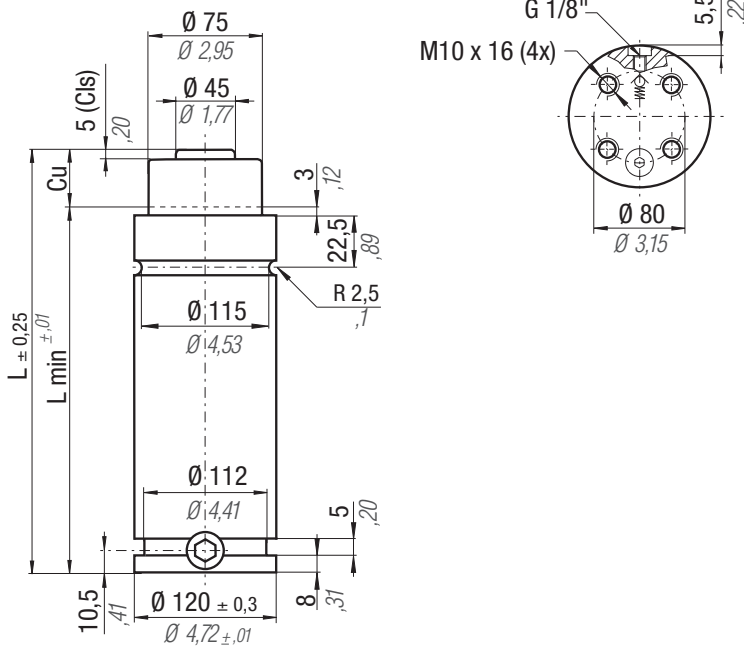
LS



**HOW TO ORDER**

(10 pcs) LS 5000-050-A  
(10 pcs) LS 5000-050-A-N



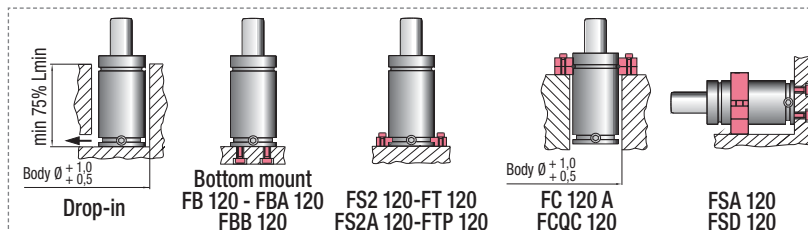


## Info

\*  $F_{1i}$  = Isothermal end force at 100% Cu - see page 31

\*\*  $F_{1p}$  = Polytropic end force at 100% Cu - see page 31

CODE	Cu	L	L min	F0		F CIs		F1i		F1p		V0		Maintenance kit					
				Initial force		daN	lb	daN	lb	End force *	End force **	cm <sup>3</sup>	in <sup>3</sup>	~Kg	~lb	Cat.			
LS 6600 - 025 - A	25	0,98	190	7,48	165	6,50													
LS 6600 - 038 - A	38	1,50	216	8,50	178	7,01	0	0	6630	14905	10329	23221	13985	31440	471,0	28,74	12,00	26,46	-
LS 6600 - 050 - A	50	1,97	240	9,45	190	7,48					10758	24185	14914	33528	580,0	35,39	13,20	29,10	-
LS 6600 - 063 - A	63,5	2,50	267	10,51	203,5	8,01					11097	24946	15662	35210	697,0	42,53	13,60	29,98	-
LS 6600 - 080 - A	80	3,15	300	11,81	220	8,66	150 bar	2175 psi	150 bar	2175 psi	11418	25668	16384	36832	851,0	51,93	14,10	31,09	-
LS 6600 - 100 - A	100	3,94	340	13,39	240	9,45					11687	26273	16998	38214	1032,0	62,98	15,40	33,95	I
LS 6600 - 125 - A	125	4,92	390	15,35	265	10,43	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	11925	26808	17549	39452	1259,0	76,83	16,90	37,26	I
LS 6600 - 160 - A	160	6,30	460	18,11	300	11,81	$+ 20^\circ\text{C} + 68^\circ\text{F}$	$+ 20^\circ\text{C} + 68^\circ\text{F}$			12152	27320	18081	40648	1575,0	96,11	18,70	41,23	II
LS 6600 - 200 - A	200	7,87	540	21,26	340	13,39					12327	27713	18494	41576	1937,0	118,20	21,70	47,84	II
LS 6600 - 250 - A	250	9,84	640	25,20	390	15,35					12475	28046	18846	42368	2390,0	145,84	24,80	54,67	II
LS 6600 - 300 - A	300	11,81	740	29,13	440	17,32					12579	28278	19093	42922	2843,0	173,49	28,00	61,73	II



## HOW TO ORDER

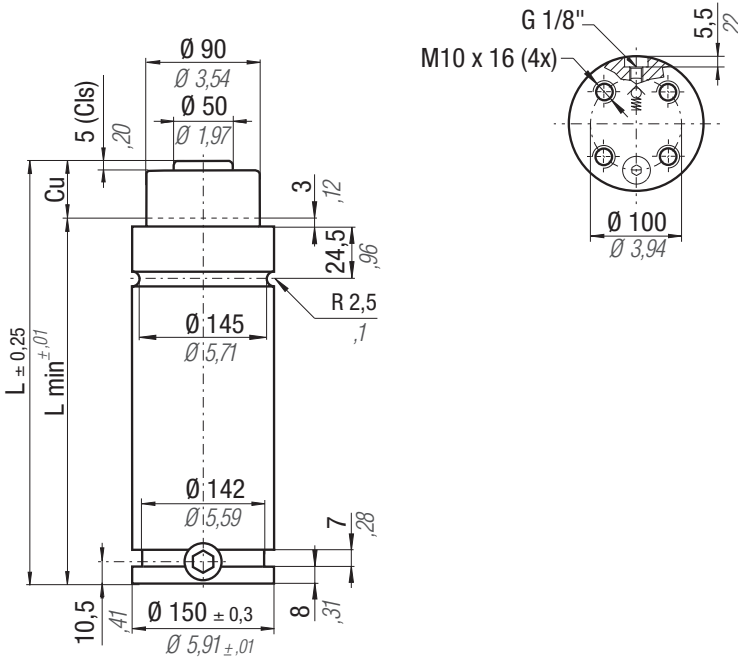
(10 pcs) LS 6600-050-A  
(10 pcs) LS 6600-050-A-N



**Info**

\*  $F_{1i}$  = Isothermal end force at 100% Cu - see page 31

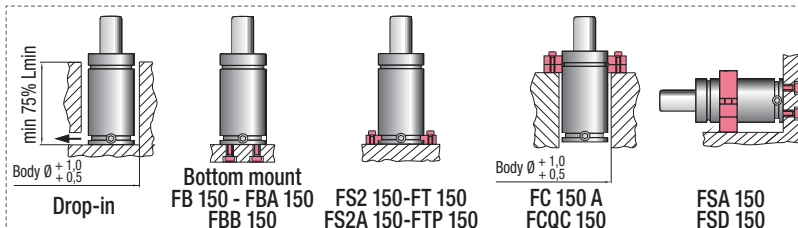
\*\*  $F_{1p}$  = Polytrophic end force at 100% Cu - see page 31



	$^{\circ}\text{F}$ 32 176	$^{\circ}\text{C}$ 0 80	$\Delta\text{P}$ $\pm 0,33\% / ^{\circ}\text{C}$	<b>P max</b> 120 bar 1740 psi	<b>P min</b> 20 bar 290 psi	<b>S</b> 63,61 cm <sup>2</sup> 9,860 in <sup>2</sup>	<b>SPM</b> ~ 15 - 60 (at 20°C)	<b>Max Speed</b> 1,8 m/s	<b>Maintenance kit</b> 39BMLS07500A
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CODE	Cu		L		L min		F <sub>0</sub>		F Cls		F <sub>1i</sub> *		F <sub>1p</sub> **		V <sub>0</sub>		Cat.		
	mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	daN	lb	cm <sup>3</sup>	in <sup>3</sup>	~Kg	~lb	Cat.
LS 7500 - 025 - A	25	0,98	205	8,07	180	7,09	0	0	7630	17152	10126	22764	12625	28381	654,0	39,91	19,95	43,98	-
LS 7500 - 038 - A	38	1,50	231	9,09	193	7,60					10794	24265	13965	31394	839,0	51,20	21,15	46,63	-
LS 7500 - 050 - A	50	1,97	255	10,04	205	8,07					11223	25230	14852	33390	1010,0	61,63	21,95	48,39	-
LS 7500 - 063 - A	63,5	2,50	282	11,10	218,5	8,60					11573	26017	15590	35049	1195,0	72,92	22,75	50,16	I
LS 7500 - 080 - A	80	3,15	315	12,40	235	9,25					11914	26783	16322	36694	1437,0	87,69	24,55	54,12	I
LS 7500 - 100 - A	100	3,94	355	13,98	255	10,04					12207	27443	16962	38132	1723,0	105,14	26,25	57,87	II
LS 7500 - 125 - A	125	4,92	405	15,94	280	11,02					12472	28039	17548	39450	2079,0	126,87	28,15	62,06	II
LS 7500 - 160 - A	160	6,30	475	18,70	315	12,40					12731	28621	18127	40751	2587,0	157,87	31,55	69,56	II
LS 7500 - 200 - A	200	7,87	555	21,85	355	13,98					12934	29076	18584	41779	3148,0	192,10	35,15	77,49	II
LS 7500 - 250 - A	250	9,84	655	25,79	405	15,94					13108	29467	18981	42671	3361,0	235,61	38,65	85,21	II
LS 7500 - 300 - A	300	11,81	755	29,72	455	17,91	13230	29743	19262	43302	4573,0	279,06	42,55	93,81	II				

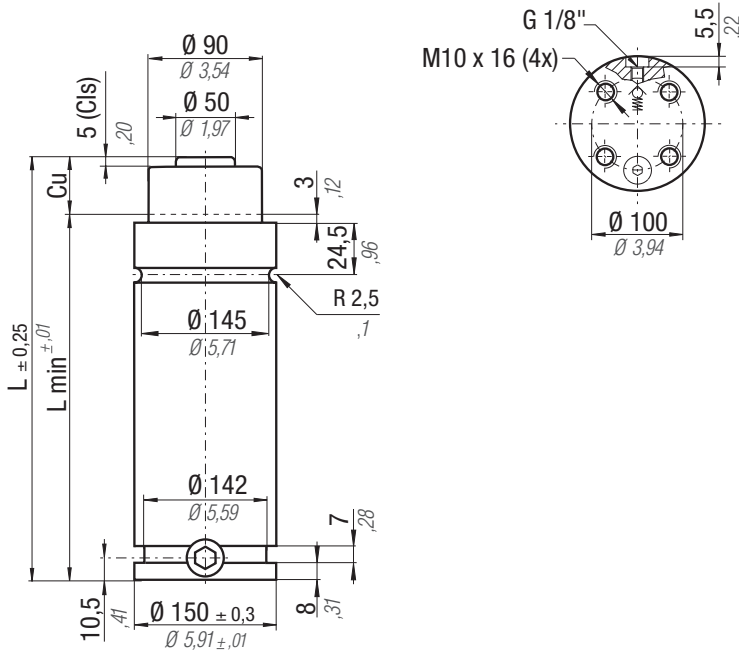
LS



**HOW TO ORDER**

(10 pcs) LS 7500-050-A  
(10 pcs) LS 7500-050-A-N



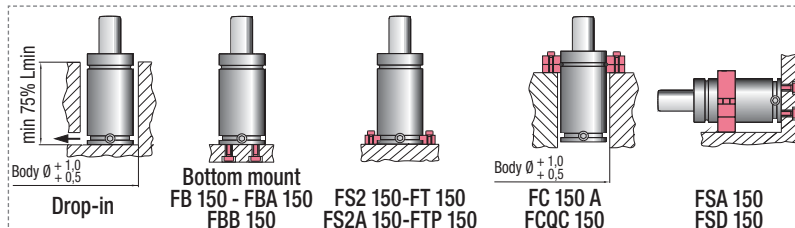


## Info

\*  $F_{1i}$  = Isothermal end force at 100% Cu - see page 31

\*\*  $F_{1p}$  = Polytropic end force at 100% Cu - see page 31

CODE	N <sub>2</sub>	°F 32 - 176	°C 0 - 80	$\Delta P$ $\pm 0,33\%/^{\circ}C$	P max 150 bar 2175 psi	P min 20 bar 290 psi	S 63,61 cm <sup>2</sup> 9,860 in <sup>2</sup>	SPM ~ 15 - 60 (at 20°C)	Max Speed 1,8 m/s	Maintenance kit 39BMLS07500A	Cu		L		L min		F <sub>0</sub>		F CIs		F <sub>1i</sub>		F <sub>1p</sub>		V <sub>0</sub>		Kg		lb		Cat.	
											mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	daN	lb	cm <sup>3</sup>	in <sup>3</sup>	~Kg	~lb				
LS 9500 - 025 - A											25	0,98	205	8,07	180	7,09	0	0	9540	21446	12658	28455	15607	35086	646,0	39,41	19,95	43,98	-			
LS 9500 - 038 - A											38	1,50	231	9,09	193	7,60					13492	30331	17263	38809	826,0	50,39	21,15	46,63	-			
LS 9500 - 050 - A											50	1,97	255	10,04	205	8,07					14029	31538	18361	41277	995,0	60,70	21,95	48,39	-			
LS 9500 - 063 - A											63,5	2,50	282	11,10	218,5	8,60					14466	32521	19273	43328	1178,0	71,86	22,75	50,16	I			
LS 9500 - 080 - A											80	3,15	315	12,40	235	9,25	150 bar	2175 psi	150 bar	2175 psi	14892	33479	20178	45362	1417,0	86,44	24,55	54,12	II			
LS 9500 - 100 - A											100	3,94	355	13,98	255	10,04					15259	34303	20969	47139	1698,0	103,58	26,25	57,87	II			
LS 9500 - 125 - A											125	4,92	405	15,94	280	11,02	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	15591	35049	21693	48769	2050,0	125,05	28,15	62,06	II			
LS 9500 - 160 - A											160	6,30	475	18,70	315	12,40	$+ 20^{\circ}C + 68^{\circ}F$	$+ 20^{\circ}C + 68^{\circ}F$	$+ 20^{\circ}C + 68^{\circ}F$	$+ 20^{\circ}C + 68^{\circ}F$	15914	35776	22409	50377	2542,0	155,06	31,55	69,56	II			
LS 9500 - 200 - A											200	7,87	555	21,85	355	13,98					16167	36345	22974	51649	3105,0	189,41	35,15	77,49	II			
LS 9500 - 250 - A											250	9,84	655	25,79	405	15,94					16385	36834	23464	52750	3808,0	232,29	38,65	85,21	II			
LS 9500 - 300 - A											300	11,81	755	29,72	455	17,91					16538	37178	23812	53531	4512,0	275,23	42,55	93,81	II			



## HOW TO ORDER

(10 pcs) LS 9500-050-A  
(10 pcs) LS 9500-050-A-N