



- Multi-axis and drive combinations
- With guide
- Recirculating ball bearing guide
- Individualised position sensing and end-position cushioning

Linear units SLE

Key features

FESTO

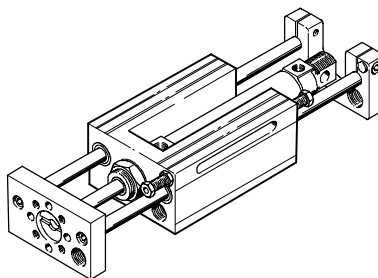
Version

The linear unit SLE is a combination of a guide unit and a standard cylinder. The cylinder moves a flange plate.

The modular system allows for individualised end-position cushioning and end-position sensing solutions.

Basic unit

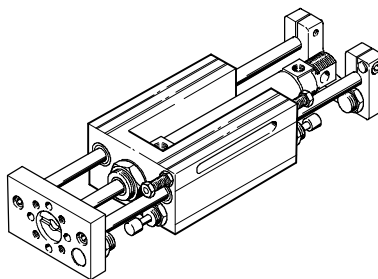
SLE-...-G



Standard unit

SLE-...-S

with two self-adjusting shock absorbers and two inductive proximity sensors with PNP output



Linear units SLE

Key features



Multi-axis combinations

The linear unit SLE can be combined with a further linear unit SLE or a linear drive SLM to produce a range of 2-axis or 3-axis systems.

These multi-axis configurations are formed by screwing the units together, either directly or using an adapter plate. A linear unit SLE can be combined with another linear unit SLE using either method, however direct mounting is almost always required for a linear drive SLM and linear unit SLE.

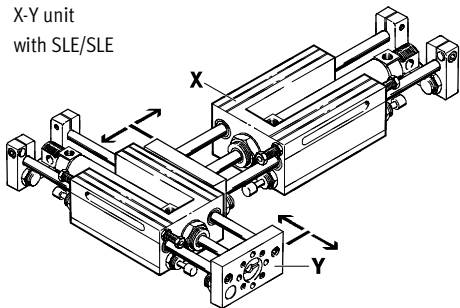
The centring pins and sleeves required to secure the units together are included in the scope of delivery.

Linear drive SLM
→ 1 / 3.2-14

with linear unit SLE

X	Y	Z
2 axes		
SLE-16	SLE-10	–
SLE-20	SLE-16	–
SLE-25	SLE-16	–
SLE-32	SLE-20 or SLE-25	–
SLE-40	SLE-32	–
SLE-50	SLE-40	–
3 axes		
SLE-20	SLE-16	SLE-10
SLE-25	SLE-16	SLE-10
SLE-32	SLE-20 or SLE-25	SLE-16
SLE-40	SLE-32	SLE-20 or SLE-25
SLE-50	SLE-40	SLE-32

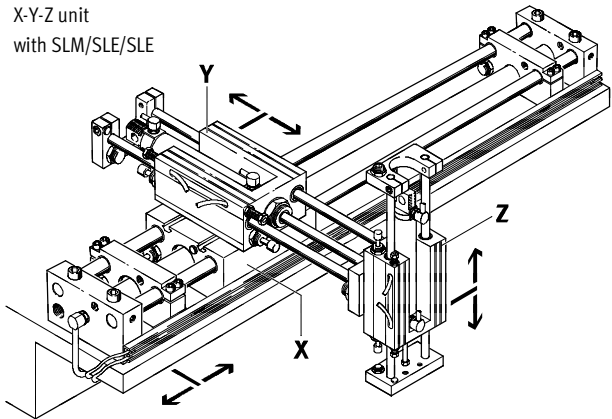
X-Y unit
with SLE/SLE



with linear drive SLM

X	Y	Z
2 axes		
SLM-12	SLE-10	–
SLM-16 ¹⁾	SLE-10	–
SLM-20	SLE-16	–
SLM-25 ²⁾	SLE-16	–
SLM-32	SLE-20 or SLE-25	–
SLM-40	SLE-32	–
3 axes		
SLM-20	SLE-16	SLE-10
SLM-25 ²⁾	SLE-16	SLE-10
SLM-32	SLE-20 or SLE-25	SLE-16
SLM-40	SLE-32	SLE-20 or SLE-25

X-Y-Z unit
with SLM/SLE/SLE



1) A mounting plate SLEP-10 (→ 1 / 6.2-123) is required for mounting (direct mounting is not possible).
2) A mounting plate SLEP-16 (→ 1 / 6.2-123) is required for mounting (direct mounting is not possible).

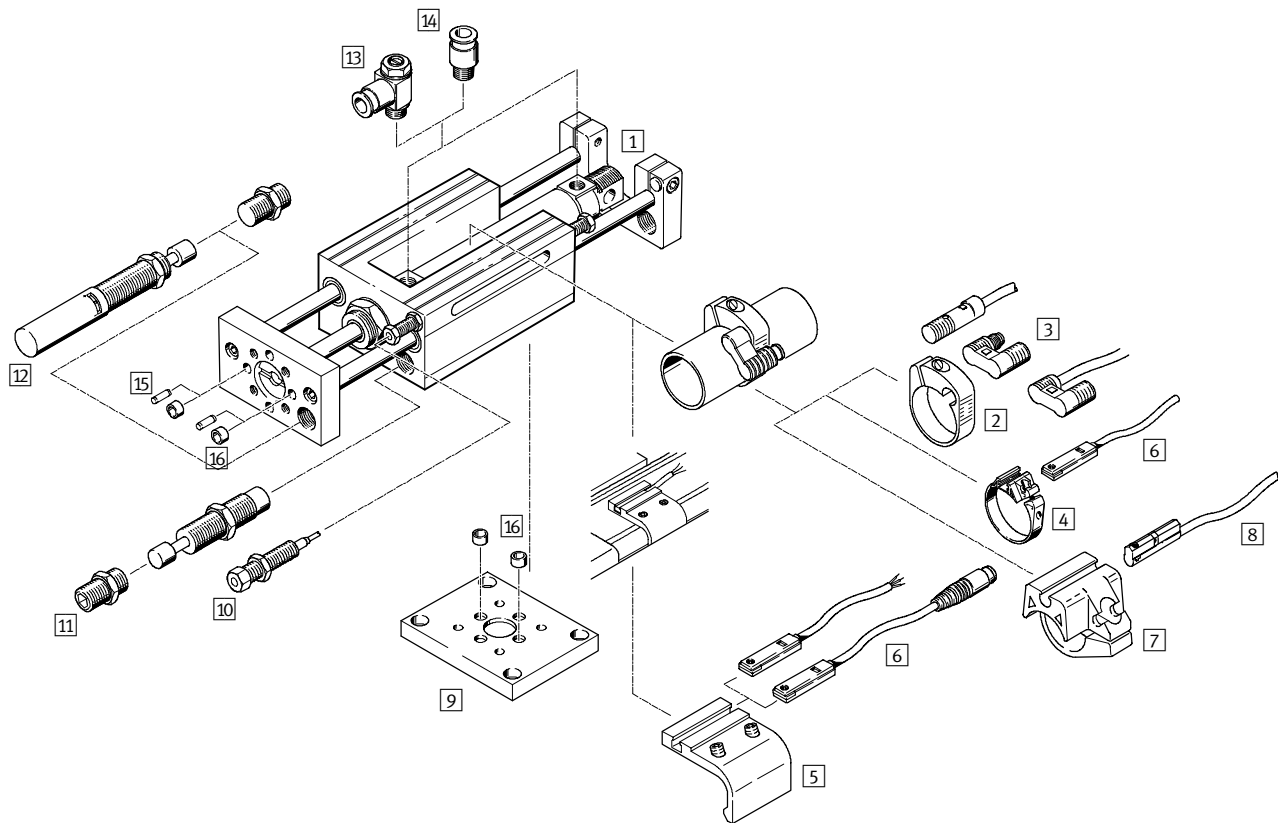
Linear units SLE

Peripherals overview

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Drives with linear guides
Rod guides

6.2



Linear units SLE

Peripherals overview

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Accessories					
	Brief description	Piston Ø 10 ... 20 mm	Piston Ø 25 mm	Piston Ø 32 ... 50 mm	→ Page
1	Standard cylinder DSNU	■	■	–	1 / 6.2-125
	Standard cylinder DNC	–	–	■	1 / 6.2-125
2	Mounting kit SMBR	■	■	–	1 / 6.2-125
3	Proximity sensor SMEO/SMT-4U	■	■	–	1 / 6.2-125
4	Mounting kit SMBR-8	■	■	–	1 / 6.2-126
5	Mounting kit SMB-8-FENG	–	–	■	1 / 6.2-126
6	Proximity sensor SME/SMT-8	■	■	■	1 / 6.2-126
7	Mounting kit SMBR-10	■	■	–	1 / 6.2-127
8	Proximity sensor SME/SMT-10	■	■	–	1 / 6.2-127
9	Adapter plate SLEP	■	■	■	1 / 6.2-123
10	Switching stop with proximity sensor SL-...-SIE-PS/SL-...-SIE-NS	■	■	■	1 / 6.2-123
11	Shock absorber kit, self-adjusting SLE-...-YSR-C	■	■	■	1 / 6.2-122
12	Shock absorber kit, adjustable SLZ-...-KF-A	■ Ø 20	■	■	1 / 6.2-122
13	One-way flow control valve GRLA	■	■	■	1 / 6.2-128
14	Push-in fitting QS	■	■	■	Volume 3
15	Centring pin ZBS	■	–	–	1 / 6.2-124
16	Centring sleeve ZBH	–	■	■	1 / 6.2-124

Drives with linear guides
Rod guides

6.2

Linear units SLE

Type code

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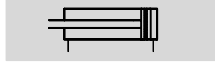
		SLE	–	16	–	100	–	KF	–	A	–	G	–	CV	–	CH	–	PV	–	PH																			
Type																																							
Double-acting																																							
SLE	Linear unit																																						
Piston Ø [mm]																																							
Stroke [mm]																																							
Guide																																							
KF	Recirculating ball bearing guide																																						
Position sensing																																							
A	Via proximity sensor																																						
Version																																							
Standard unit																																							
S	= G – CV – CH – PV – PH																																						
Basic unit																																							
G	Pneumatic drive																																						
Shock absorber kit at front																																							
CV	Self-adjusting																																						
YV	Adjustable																																						
Shock absorber kit at rear																																							
CH	Self-adjusting																																						
YH	Adjustable																																						
Switching stop at front																																							
PV	With proximity sensor, PNP																																						
NV	With proximity sensor, NPN																																						
Switching stop at rear																																							
PH	With proximity sensor, PNP																																						
NH	With proximity sensor, NPN																																						

Linear units SLE

Technical data

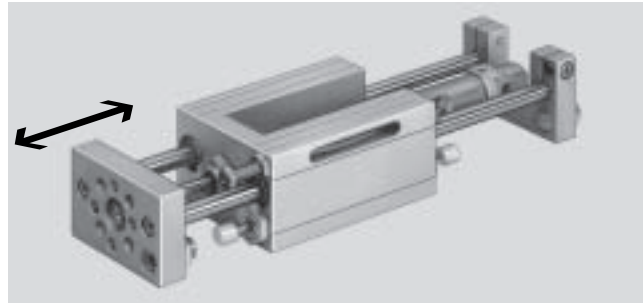
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Function



[www.festo.com/en/
Spare_parts_service](http://www.festo.com/en/Spare_parts_service)

- Ø - Diameter
10 ... 50 mm
- l - Stroke length
10 ... 500 mm



General technical data							
Piston Ø	10	16	20	25	32	40	50
Stroke [mm]	10 ... 100	10 ... 200	10 ... 320		10 ... 500		
Pneumatic connection	M5		G½			G¼	
Mode of operation	Double-acting						
Constructional design	Linear unit						
	Standard cylinder						
End-position cushioning via shock absorber	Self-adjusting at both ends						
	–		Adjustable at both ends				
Position sensing	Via proximity sensor						
Type of mounting	Via through-holes						
	Via female thread						
Mounting position	Any						
Protection against torsion/guide	Guide rods with yoke/ball bearing guide						

Operating and environmental conditions							
Piston Ø	10	16	20	25	32	40	50
Operating medium	Filtered compressed air, lubricated or unlubricated						
Operating pressure [bar]	2.5 ... 10				1.5 ... 12		
Ambient temperature ¹⁾ [°C]	−20 ... +80						

1) Note operating range of proximity sensors.

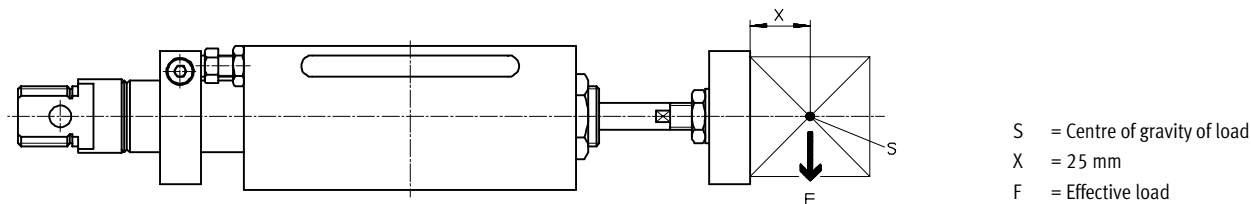
Forces [N]							
Piston Ø	10	16	20	25	32	40	50
Theoretical force at 6 bar, advancing	47	121	188	295	483	754	1178
Theoretical force at 6 bar, retracting	40	104	158	247	415	633	990

Linear units SLE

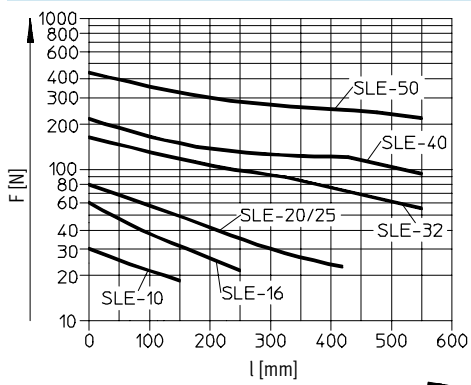
Technical data

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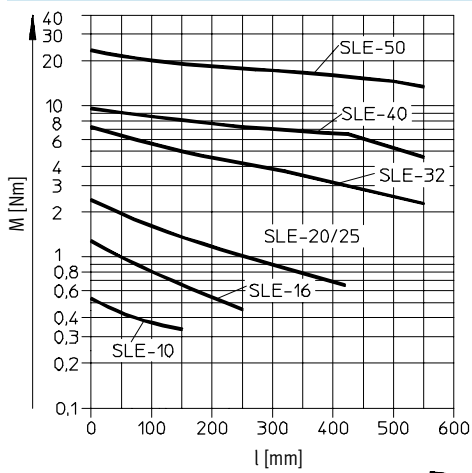
Permissible dynamic load



Permissible effective load F as a function of the stroke l



Permissible torque M as a function of the stroke l



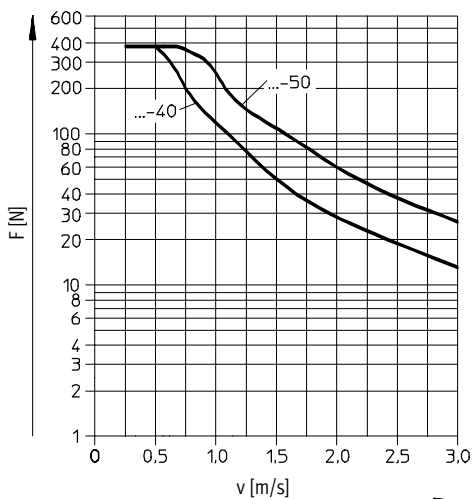
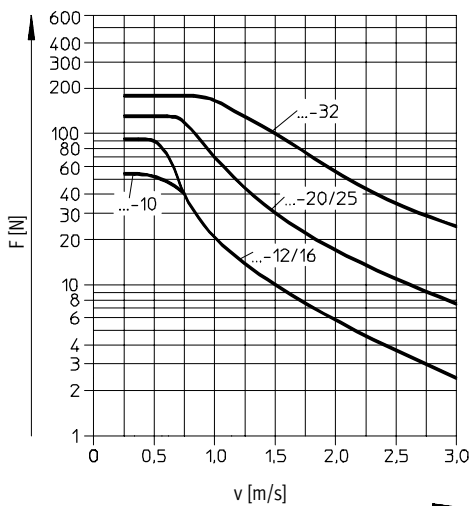
Permissible shock absorber load F as a function of the impact velocity v

with horizontal installation

$$F \geq m_L \times g$$

$$g = 9.81 \text{ N/mm}^2$$

$$m_L = \text{Load [kg]}$$



Linear units SLE

Technical data

FESTO

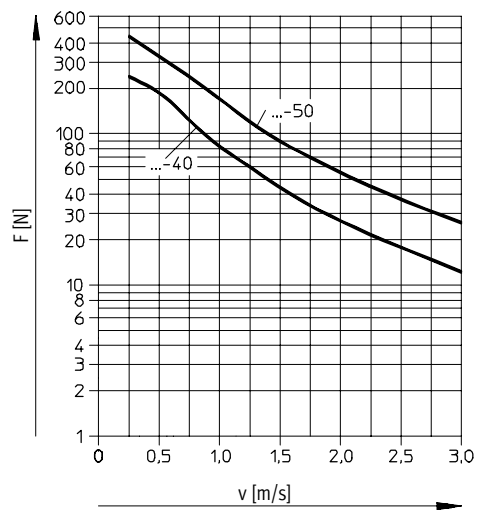
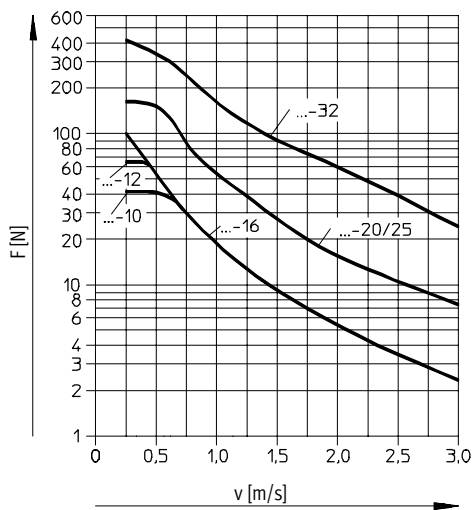
Permissible shock absorber load F as a function of the impact velocity v with vertical installation

$$F \geq (m_L + m_E) \times g$$

$$g = 9.81 \text{ N/mm}^2$$

m_E = Moving load (dead weight) [kg]

m_L = Load [kg]



Weights [g]							
Piston Ø	10	16	20	25	32	40	50
Product weight with 0 mm stroke	560	913	1882	1942	4300	6175	9200
Additional weight per 10 mm stroke	10	13	19	23	57	85	125
Moving load with 0 mm stroke	160	230	500	500	1500	2200	3600
Additional load per 10 mm stroke	8	8	12	12	31	49	77

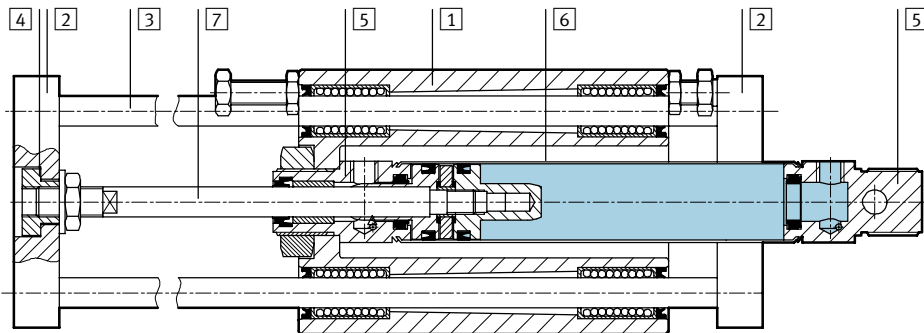
Linear units SLE

Technical data

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Materials

Sectional view



Linear unit

1	Housing	Ø 10 ... 25	Die-cast aluminium
		Ø 32 ... 50	Wrought aluminium alloy
2	Yoke/end plate		Aluminium
3	Guide rod		Tempered steel
4	Coupling		Steel
5	Bearing and end caps	Ø 10 ... 25	Wrought aluminium alloy
		Ø 32 ... 50	Die-cast aluminium
6	Cylinder barrel	Ø 10 ... 25	High-alloy stainless steel
		Ø 32 ... 50	Wrought aluminium alloy
7	Piston rod	Ø 10 ... 25	High-alloy stainless steel
		Ø 32 ... 50	High-alloy steel
–	Seals		Polyurethane, nitrile rubber

Technical data

Download CAD data → www.festo.com/en/engineering

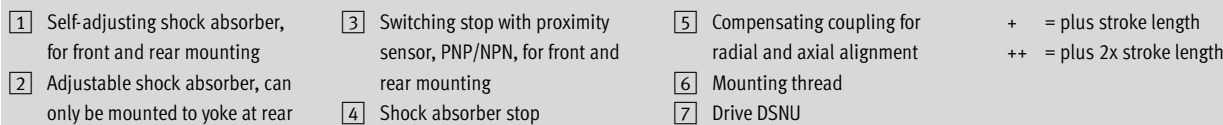
Piston $\varnothing$ 10 mm

Technical data

Technical data

Download CAD data → www.festo.com/en/engineering

Piston Ø 16 ... 25 mm



Ø	B1	B2	B3	B4	B5	B6	B7	B8	D1	D2 Ø H7	D3 Ø H7	D4 Ø h6	D5	D6	D7 Ø
[mm]															
16	64	60	44	22	26	14	28	40	M5	5	9	8	M6	M5	5.5
20	87	83	60	29.5	40	18	32	40	G1/8	5	9	10	M6	M6	6.6
25	87	83	60	29.5	40	18	32	40	G1/8	5	9	10	M6	M6	6.6

Ø [mm]	D8 Ø	D9	D10 Ø H7	H1	H2	H3	H4	H5	H6	H7	H8	L0	L1	L2	L3
16	26	M10x0.75	5	43	39	2	22	10	25	19	10.5	143	116	21	86
20	37	M15x1	9	53	49	2	27	14.5	33	26	12	197	145.5	29	122
25	37	M15x1	9	53	49	2	27	14.5	33	26	12	197	149	29	122

Ø	L4	L5	L6	L7	L8	L9	L10	L11	T2	T3	T4	≈G1	≈G2	≈G3	≈G4
[mm]															
16	12	12	21	54	40	6	–	32	7	2	2	10	10	8	19
20	16	15	32	72	65	7.5	40	40	8	2	2.1	17	13	11	27
25	16	15	32	72	65	7.5	40	40	8	2	2.1	17	13	11	27

Linear units SLE

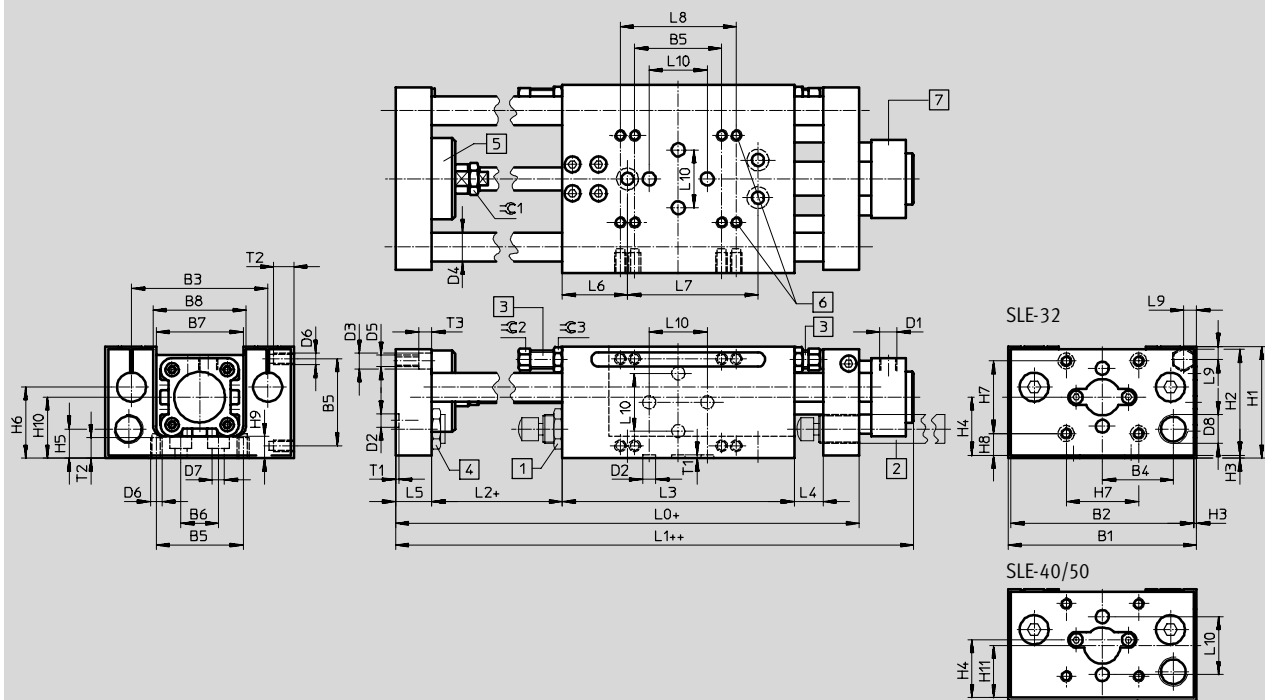
Technical data

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Dimensions

Download CAD data → www.festo.com/en/engineering

Piston Ø 32 ... 50 mm



- | | | |
|--|--|--|
| 1 Self-adjusting shock absorber, for front and rear mounting | 3 Switching stop with proximity sensor, PNP/NPN, for front and rear mounting | 5 Compensating coupling for radial and axial alignment |
| 2 Adjustable shock absorber, can only be mounted to yoke at rear | 4 Shock absorber stop | 6 Mounting thread |
| | | 7 Drive DNC |
- + = plus stroke length
++ = plus 2x stroke length

Ø	B1	B2	B3	B4	B5	B6	B7	B8	D1	D2	D3	D4	D5	D6	D7
[mm]			±0.03							Ø	Ø	Ø			Ø
32	115	111	84	41.5	50	26	52	55	G1/8	9	11	16	M8	M6	8.4
40	130	126	94	49	60	26	60	64	G1/4	9	11	20	M8	M8	8.4
50	154	150	113	58	60	30	72	76	G1/4	9	15	25	M10	M8	8.4

Ø	D8	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	L0	L1
[mm]							±0.1							
32	M20x1.25	70	66	2	38.5	17	43	40	18.5	14	40.5	38.5	250	172
40	M20x1.25	77	73	2	44	20	49	50	15	14	46	40	260	197.5
50	M24x1.25	90	86	2	51.5	19	52	60	16.5	16	53.5	46.5	305	226

Ø	L2	L3	L4	L5	L6	L7	L8	L9	L10	T1	T2	T3	≈C1	≈C2	≈C3
[mm]									±0.03	+0.2					
32	30	160	20	20	45	90	75	9	40	2.1	10	7.3	17	13	15
40	30	160	20	25	45	90	80	9	40	2.1	14	9	19	13	15
50	38	192	25	25	66	90	80	10	40	2.1	14	11	24	13	15

Linear units SLE

Ordering data – Modular products

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Mandatory data							Options			
Module No.	Drive function	Size	Stroke	Guide	Position sensing	Basic unit	Shock absorber at front	Shock absorber at rear	Sensor at front	Sensor at rear
150 088	SLE	10	10 ... 500	KF	A	G	CV	CH	PV	PH
150 090		16					YV	YH	NV	NH
150 091		20								
150 092		25								
150 093		32								
150 094		40								
150 921		50								
Ordering example										
150 090	SLE	- 16	- 190	- KF	- A	- G	- YV	- YH	- PV	- PH

Ordering table												
Size		10	16	20	25	32	40	50	Condi- tions	Code		Enter code
[M]	Module No.		150 088	150 090	150 091	150 092	150 093	150 094	150 921			
	Drive function		Linear unit								SLE	
	Size	[mm]	10	16	20	25	32	40	50		-...	
	Stroke	[mm]	10 ... 100	10 ... 200	10 ... 320		10 ... 500				-...	
	Guide		Via ball bearings								-KF	-KF
	Position sensing		Via proximity sensor								-A	-A
	Basic unit		Linear unit with pneumatic drive								-G	-G
[O]	Shock absorber	at front	Self-adjusting shock absorber, with stop at front								-CV	
			–	–	Adjustable shock absorber, with stop at front						-YV	
		at rear	Self-adjusting shock absorber, with stop at rear								-CH	
			–	–	Adjustable shock absorber, with stop at rear						-YH	
	Sensor (bonded)	at front	Inductive sensor with 2.5 m cable, PNP, with stop sleeve at front								-PV	
			Inductive sensor with 2.5 m cable, NPN, with stop sleeve at front								-NV	
		at rear	Inductive sensor with 2.5 m cable, PNP, with stop sleeve at rear								-PH	
			Inductive sensor with 2.5 m cable, NPN, with stop sleeve at rear								-NH	

Transfer order code

	SLE	-		-		-	KF	-	A	-	G	-		-		-		-	
--	-----	---	--	---	--	---	----	---	---	---	---	---	--	---	--	---	--	---	--

Linear units SLE

Ordering data – Modular products, package solution



Mandatory data						
Module No.	Drive function	Size	Stroke	Guide	Position sensing	Standard unit
150 088	SLE	10	10 ... 500	KF	A	S
150 090		16				
150 091		20				
150 092		25				
150 093		32				
150 094		40				
150 921		50				
Ordering example						
150 093	SLE	- 32	- 450	- KF	- A	- S

Ordering table												
Size		10	16	20	25	32	40	50	Condi- tions	Code		Enter code
M	Module No.	150 088	150 090	150 091	150 092	150 093	150 094	150 921				
	Drive function	Linear unit								SLE		SLE
	Size [mm]	10	16	20	25	32	40	50		-...		
	Stroke [mm]	10 ... 100	10 ... 200	10 ... 320		10 ... 500				-...		
	Guide	Via ball bearings								-KF		-KF
	Position sensing	Via proximity sensor								-A		-A
	Standard unit	Package solution S = G-CV-CH-PV-PH								-S		-S

Transfer order code

SLE

-

-

-

KF

-

A

-

S

Linear units SLE

Accessories

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Shock absorber kit
SLE-...-YSR-C, self-adjusting
(order code CV, CH)

Material:
YSR-8-8-C: Nickel-plated brass
YSR-12-12-C, YSR-16-20-C,
YSR-20-25-C: Galvanised steel
Free of copper, PTFE and silicone



Ordering data			
for Ø [mm]	including shock absorber → 1 / 9.0-2	Part No.	Type
10	YSR-8-8-C	116 246	SLE-10-YSR-C
16	YSR-8-8-C	116 247	SLE-16-YSR-C
20, 25	YSR-12-12-C	116 248	SLE-20/25-YSR-C
32	YSR-16-20-C	116 249	SLE-32-YSR-C
40	YSR-16-20-C	116 250	SLE-40-YSR-C
50	YSR-20-25-C	118 698	SLE-50-YSR-C

Shock absorber kit
SLZ-...-KF-A, adjustable
(order code YV, YH)

Material:
Galvanised steel



Ordering data			
for Ø [mm]	including shock absorber → 1 / 9.0-2	Part No.	Type
20, 25	YSR-12-12	114 032	SLZ-25-KF-A
32, 40	YSR-16-20	114 033	SLZ-32-KF-A
50	YSR-20-25	114 034	SLZ-50-KF-A

Linear units SLE

Accessories

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Switching stop SL-...-SIE-PS

(order code PV, PH)

Kit with inductive proximity sensor

PNP

Switching stop SL-...-SIE-NS

(order code NV, NH)

Kit with inductive proximity sensor

NPN



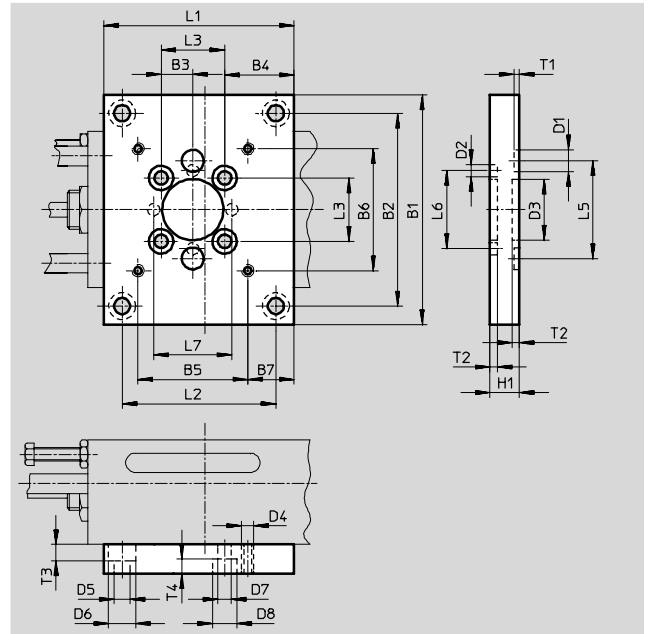
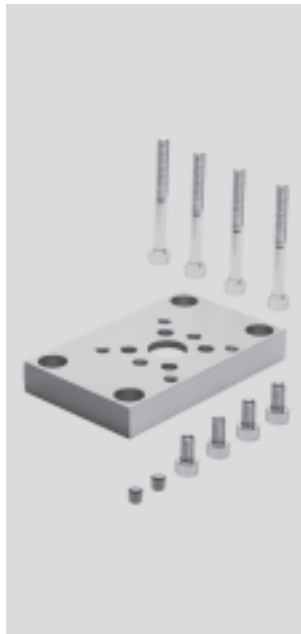
Ordering data				
for Ø [mm]	Switch output	including proximity sensor → Volume 4	Part No.	Type
10, 16	PNP	SIEN-4B-PS-K-L	116 251	SL-10/16-SIE-PS
	NPN	SIEN-4B-NS-K-L	116 252	SL-10/16-SIE-NS
20, 25	PNP	SIEN-4B-PS-K-L	116 253	SL-20/25-SIE-PS
	NPN	SIEN-4B-NS-K-L	116 254	SL-20/25-SIE-NS
32, 40, 50	PNP	SIEN-6,5B-PS-K-L	117 525	SL-32/50-SIE-PS
	NPN	SIEN-6,5B-NS-K-L	117 526	SL-32/50-SIE-NS

Adapter plate SLEP

for piston Ø 10, 16 mm

Material:

Wrought aluminium alloy



Dimensions and ordering data																		
for Ø [mm]	B1	B2	B3	B4	B5	B6	B7	D1 Ø H7	D2 Ø H7	D3 Ø G7	D4	D5 Ø	D6 Ø	D7 Ø	D8 Ø	H1	L1	L2
10	82	68	9.5	20	32	32	13.5	9	5	14	M5	5.5	10	5.5	10	12	50	36
16	94	79	13	23.5	45	26	14	9	5	25	M5	6.6	11	5.5	10	12	73	58

for Ø [mm]	L3	L5	L6	L7	T1	T2	T3	T4	Weight [g]	Part No.	Type
10	19	40	28	–	2.1	3	5.7	6.7	122	150 909	SLEP-10
16	26	40	32	32	2.1	3	6.8	6.7	205	150 910	SLEP-16

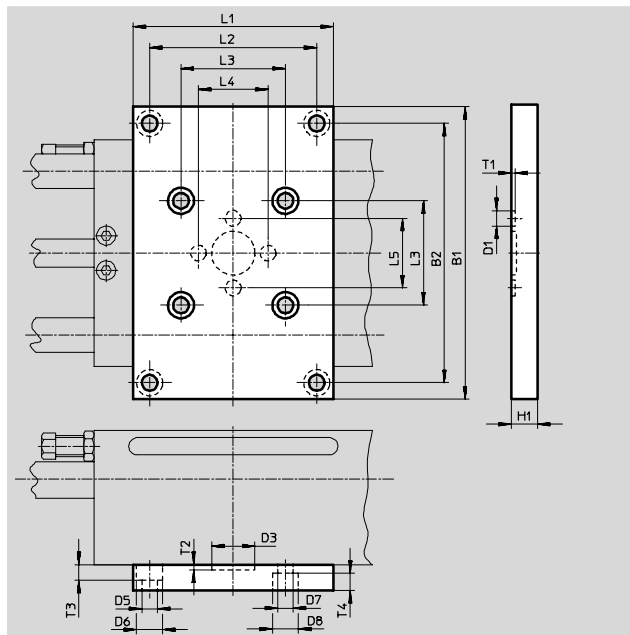
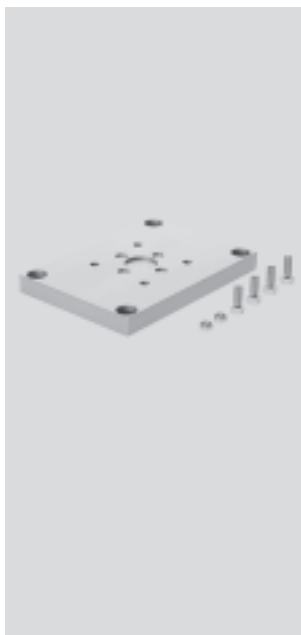
Linear units SLE

Accessories

FESTO

Adapter plate SLEP for piston Ø 20 ... 50 mm

Material:
Wrought aluminium alloy



Dimensions and ordering data											
for Ø	B1	B2	D1	D3	D5	D6	D7	D8	H1	L1	L2
[mm]			Ø H7	Ø G7	Ø	Ø	Ø	Ø			
20, 25	117	102	9	25	6.6	11	6.6	11	12	83	68
32	153	134	9	25	9	15	6.6	11	15	108	89
40	168	149	9	25	9	15	9	15	15	115	96
50	192	173	9	25	9	15	9	15	15	128	109

for Ø	L3	L4	L5	T1	T2	T3	T4	Weight	Part No.	Type
[mm]								[g]		
20, 25	40	40	40	2.1	3	6.8	7.5	307	150 911	SLEP-25
32	50	40	40	2.1	3	9	8	685	150 912	SLEP-32
40	60	40	40	2.1	3	9	10	734	150 913	SLEP-40
50	60	40	40	2.1	3	9	10	1050	150 923	SLEP-50

Ordering data – Accessories					
	for Ø	Material	Part No.	Type	PU ¹⁾
	[mm]				
Centring pin ZBS			Technical data → 1 / 10.1-19		
	10 ... 20	Stainless steel Free of copper, PTFE and silicone	150 928	ZBS-5	10
Centring sleeve ZBH			Technical data → 1 / 10.1-19		
	25 ... 50	Stainless steel Free of copper, PTFE and silicone	150 927	ZBH-9	10

1) Packaging unit quantity

Core Range

Linear units SLE

Accessories

FESTO

Ordering data – Standard cylinders				Technical data DSNU ➔ 1 / 1.1-2			
				Technical data DNC ➔ 1 / 1.2-24			
Designation	for Ø	Part No.	Type	Designation	for Ø	Part No.	Type
Standard cylinder DSNU				Standard cylinder DNC			
	10	14 325	DSNU-10-...-P-A		32	163 304	DNC-32-...-PPV-A
	16	14 320	DSNU-16-...-PPV-A		40	163 336	DNC-40-...-PPV-A
	20	14 321	DSNU-20-...-PPV-A		50	163 368	DNC-50-...-PPV-A
	25	14 322	DSNU-25-...-PPV-A				

Ordering data – Proximity sensors, round design, magneto-resistive								Technical data → 1 / 10.2-71	
	Mounting	Switch output	Electrical connection		Cable length [m]	Connection direction	Part No.	Type	
			Cable	Plug M8					
Normally open contact									
	Via accessories	PNP	3-wire	–	2.5	In-line	152 836	SMT0-4U-PS-K-LED-24	
			–	3-pin	–	In-line	152 742	SMT0-4U-PS-S-LED-24	
		NPN	3-wire	–	2.5	In-line	152 837	SMT0-4U-NS-K-LED-24	
			–	3-pin	–	In-line	152 743	SMT0-4U-NS-S-LED-24	

Ordering data – Proximity sensors, round design, magnetic reed							Technical data → 1 / 10.2-73	
	Mounting	Electrical connection		Cable length [m]	Connection direction	Part No.	Type	
		Cable	Plug M8					
Normally open contact								
	Via accessories	3-wire	–	2.5	In-line	36 198	SME0-4U-K-LED-24	
				5	In-line	175 401	SME0-4U-K5-LED-24	
		–	3-pin	–	In-line	151 526	SME0-4U-S-LED-24-B	

Ordering data – Mounting kit for proximity sensor SME0/SMT0-4					Technical data → 1 / 10.2-78			
Designation	for Ø	Part No.	Type					
	10	19 273	SMBR-10					
	16	19 275	SMBR-16					
	20	19 276	SMBR-20					
	25	19 277	SMBR-25					

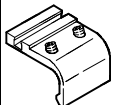
Linear units SLE

Accessories

FESTO

Ordering data – Proximity sensors for slot type 8, magneto-resistive							Technical data → 1 / 10.2-13	
	Mounting	Switch output	Electrical connection			Cable length [m]	Part No.	Type
			Cable	Plug M8	Plug M12			
Normally open contact								
	Via accessories	PNP	3-wire	–	–	2.5	525 898	SMT-8F-PS-24V-K2,5-OE
		NPN					525 909	SMT-8F-NS-24V-K2,5-OE
		–	2-wire	–	–	2.5	525 908	SMT-8F-ZS-24V-K2,5-OE
		PNP	–	3-pin	–	0.3	525 899	SMT-8F-PS-24V-K0,3-M8D
		NPN					525 910	SMT-8F-NS-24V-K0,3-M8D
		PNP	–	–	3-pin	0.3	525 900	SMT-8F-PS-24V-K0,3-M12
	Via accessories	PNP	3-wire	–	–	2.5	175 436	SMT-8-PS-K-LED-24-B
			–	3-pin	–	0.3	175 484	SMT-8-PS-S-LED-24-B
Normally closed contact								
	Via accessories	PNP	3-wire	–	–	7.5	525 911	SMT-8F-PO-24V-K7,5-OE

Ordering data – Proximity sensors for slot type 8, magnetic reed					Technical data → 1 / 10.2-19	
	Mounting	Electrical connection		Cable length [m]	Part No.	Type
		Cable	Plug M8			
Normally open contact						
	Via accessories	3-wire	–	2.5	525 895	SME-8F-DS-24V-K2,5-OE
				5.0	525 897	SME-8F-DS-24V-K5,0-OE
		2-wire	–	2.5	525 907	SME-8F-ZS-24V-K2,5-OE
		–	3-pin	0.3	525 896	SME-8F-DS-24V-K0,3-M8D
	Via accessories	3-wire	–	2.5	150 855	SME-8-K-LED-24
		–	3-pin	0.3	150 857	SME-8-S-LED-24
Normally closed contact						
	Via accessories	3-wire	–	7.5	525 906	SME-8F-DO-24V-K7,5-OE

Ordering data – Mounting kit for proximity sensor SME/SMT-8				Technical data ➔ 1 / 10.2-46				
Designation	for Ø	Part No.	Type		Designation	for Ø	Part No.	Type
	10	175 092	SMBR-8-10		32		175 705	SMB-8-FENG-32/40
	16	175 094	SMBR-8-16		40			
	20	175 095	SMBR-8-20		50	175 706	SMB-8-FENG-50/63	
	25	175 096	SMBR-8-25					

 Core Range

Linear units SLE

Accessories

FESTO

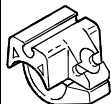
Ordering data – Proximity sensors for slot type 10, magneto-resistive Technical data → 1 / 10.2-53

Mounting	Switch output	Electrical connection		Cable length [m]	Connection direction	Part No. Type		
		Cable	Plug M8					
Normally open contact								
	Via accessories	PNP	3-wire	–	2.5	In-line	525 915	SMT-10F-PS-24V-K2,5L-OE
			–	3-pin	0.3	In-line	525 916	SMT-10F-PS-24V-K0,3L-M8D
						Lateral	526 675	SMT-10F-PS-24V-K0,3Q-M8D
	Via accessories	PNP	–	3-pin	0.3	In-line	173 220	SMT-10-PS-SL-LED-24
			3-wire	–	2.5		173 218	SMT-10-PS-KL-LED-24

Ordering data – Proximity sensors for slot type 10, magnetic reed Technical data → 1 / 10.2-56

Ordering data → Proximity sensors for slot type 10, magnetic reed					Technical data → 1 / 10.2-50		
	Mounting	Electrical connection		Cable length [m]	Connection direction	Part No.	Type
		Cable	Plug M8				
Normally open contact							
	Via accessories	–	3-pin	0.3	In-line	525 914	SME-10F-DS-24V-K0,3L-M8D
		3-wire	–	2.5	In-line	525 913	SME-10F-DS-24V-K2,5L-OE
		2-wire	–	–	–	526 672	SME-10F-ZS-24V-K2,5L-OE
	Via accessories	3-wire	–	0.3	In-line	173 212	SME-10-SL-LED-24
		–	3-pin	2.5		173 210	SME-10-KL-LED-24

Ordering data – Mounting kit for proximity sensor SME/SMT-10 Technical data → 1 / 10.2-65

Designation	for Ø	Part No.	Type
	10	173 227	SMBR-10-10
	16	173 228	SMBR-10-16
	20	175 103	SMBR-10-20
	25	175 104	SMBR-10-25

Ordering data – Plug sockets Technical data → 1 / 10.2-110

Ordering data	Plug sockets	Switch output		Connection	Cable length [m]	Part No.	Type
		PNP	NPN				
Straight socket							
	M8 locknut			3-pin	2.5	159 420	SIM-M8-3GD-2,5-PU
					5	159 421	SIM-M8-3GD-5-PU
	M12 locknut			3-pin	2.5	159 428	SIM-M12-3GD-2,5-PU
					5	159 429	SIM-M12-3GD-5-PU
Angled socket							
	M8 locknut			3-pin	2.5	159 422	SIM-M8-3WD-2,5-PU
					5	159 423	SIM-M8-3WD-5-PU
	M12 locknut			3-pin	2.5	159 430	SIM-M12-3WD-2,5-PU
					5	159 431	SIM-M12-3WD-5-PU

Core Range

Linear units SLE

Accessories



Ordering data – One-way flow control valves				Technical data → Volume 2	
	Connection		Material	Part No.	Type
	Thread	For tubing OD			
	M5	3	Metal design	193 137	GRLA-M5-QS-3-D
		4		193 138	GRLA-M5-QS-4-D
		6		193 139	GRLA-M5-QS-6-D
	G1/8	3		193 142	GRLA-1/8-QS-3-D
		4		193 143	GRLA-1/8-QS-4-D
		6		193 144	GRLA-1/8-QS-6-D
		8		193 145	GRLA-1/8-QS-8-D
				193 146	GRLA-1/4-QS-6-D
	G1/4	6		193 147	GRLA-1/4-QS-8-D
		8		193 148	GRLA-1/4-QS-10-D
		10			