

Linear drives DGC-HD, with heavy-duty guide

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Linear drives DGC

Key features

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At a glance

- New heavy-duty design for:
 - Maximum loads and torques thanks to duo rail guide
 - Long service life
- Ideal as a basic axis for linear gantries and cantilever axes
- In addition to its technical data, the linear drive also offers an excellent price/performance ratio
- Space-saving position sensing with proximity sensor in the profile slot is possible
- Wide range of options for mounting on drives

Guide variants

Compact design DGC-K



- Piston Ø 18 ... 80 mm
- Stroke lengths from 1 ... 8,500 mm
- 30% narrower than the DGC-G
- Low moving dead weight
- Symmetrical design

Basic design DGC-G



- Piston Ø 8 ... 63 mm
- Stroke lengths from 1 ... 8,500 mm
- Guide backlash = 0.2 mm
- For small loads
- Operating behaviour with torque load = average

Plain-bearing guide DGC-GF



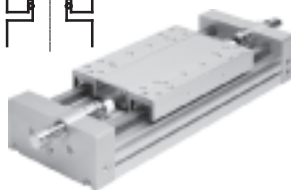
- Piston Ø 18 ... 63 mm
- Stroke lengths from 1 ... 8,500 mm
- Guide backlash = 0.05 mm
- For small and medium loads
- Operating behaviour with torque load = average

Recirculating ball bearing guide DGC-KF



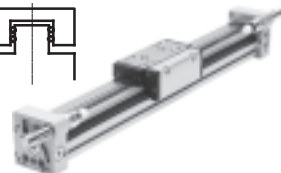
- Piston Ø 8 ... 63 mm
- Stroke lengths from 1 ... 8,500 mm
- Guide backlash = 0 mm
- For medium and large loads
- Precision mounting interface with stainless steel slide
- Operating behaviour under torque load = very good

Heavy-duty guide DGC-HD



- Piston Ø 18, 25, 40 mm
- Stroke lengths from 10 ... 5,000 mm
- Guide backlash = 0 mm
- For large loads
- Operating behaviour under torque load = very good

Passive guide axis DGC-FA

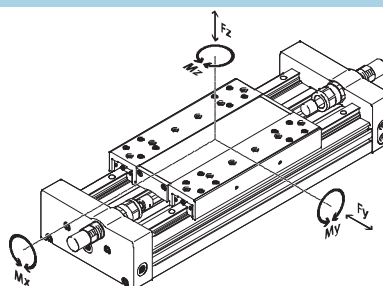


- Without drive
- Piston Ø 8 ... 63 mm
- Stroke lengths from 1 ... 8,500 mm
- Guide backlash = 0 mm
- Precision guide, suitable for the DGC-KF. Can be used as a machine component or as a twin guide with the DGC-KF

Linear drives DGC

Product range overview

Product variants



	Piston Ø	Theoretical force at 6 bar	Guide characteristics					→ Page/ Internet
	[mm]		Fy [N]	Fz [N]	Mx [Nm]	My [Nm]	Mz [Nm]	
Compact design DGC-K								
	18	153	–	120	0.8	11	1	dgc-k
	25	295	–	330	1.2	20	3	
	32	483	–	480	1.9	40	5	
	40	754	–	800	3.8	60	8	
	50	1,178	–	1,200	6	120	15	
	63	1,870	–	1,600	5.7	150	24	
	80	3,016	–	2,500	30.6	400	100	
Basic design DGC-G								
	8	30	150	150	0.5	2	2	dgc
	12	68	300	300	1.3	5	5	
	18	153	70	340	1.9	12	4	
	25	295	180	540	4	20	5	
	32	483	250	800	9	40	12	
	40	754	370	1,100	12	60	25	
	50	1,178	480	1,600	20	150	37	
	63	1,870	650	2,000	26	150	48	
Plain-bearing guide DGC-GF								
	18	153	440	540	3.4	20	8.5	dgc
	25	295	640	1,300	8.5	40	20	
	32	483	900	1,800	15	70	33	
	40	754	1,380	2,000	28	110	54	
	50	1,178	1,500	2,870	54	270	103	
	63	1,870	2,300	4,460	96	450	187	
Recirculating ball bearing guide DGC-KF								
	8	30	300	300	1.7	4.5	4.5	dgc
	12	68	650	650	3.5	10	10	
	18	153	1,850	1,850	16	51	51	
	25	295	3,050	3,050	36	97	97	
	32	483	3,310	3,310	54	150	150	
	40	754	6,890	6,890	144	380	380	
	50	1,178	6,890	6,890	144	634	634	
	63	1,870	15,200	15,200	529	1,157	1,157	
Heavy-duty guide DGC-HD								
	18	153	3,650	3,650	140	275	275	4
	25	295	5,600	5,600	300	500	500	
	40	754	13,000	13,000	900	1,450	1,450	

Linear drives DGC-HD, with heavy-duty guide

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Type codes

		DGC	-	25	-	500	-	HD	-	YSR	-		-	
Type														
DGC	Linear drive													
Piston Ø [mm]														
Stroke [mm]														
Guide														
HD	Heavy-duty guide													
Cushioning														
YSR	Linear shock absorber, self-adjusting													
YSRW	Progressive shock absorber, self-adjusting													
Slide														
-	Standard slide													
GP	Standard slide, protected													
Additional slide														
KL	Standard slide, left													
KR	Standard slide, right													

Linear drives DGC-HD, with heavy-duty guide

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Type codes

➔

+ ZUB

-

2M

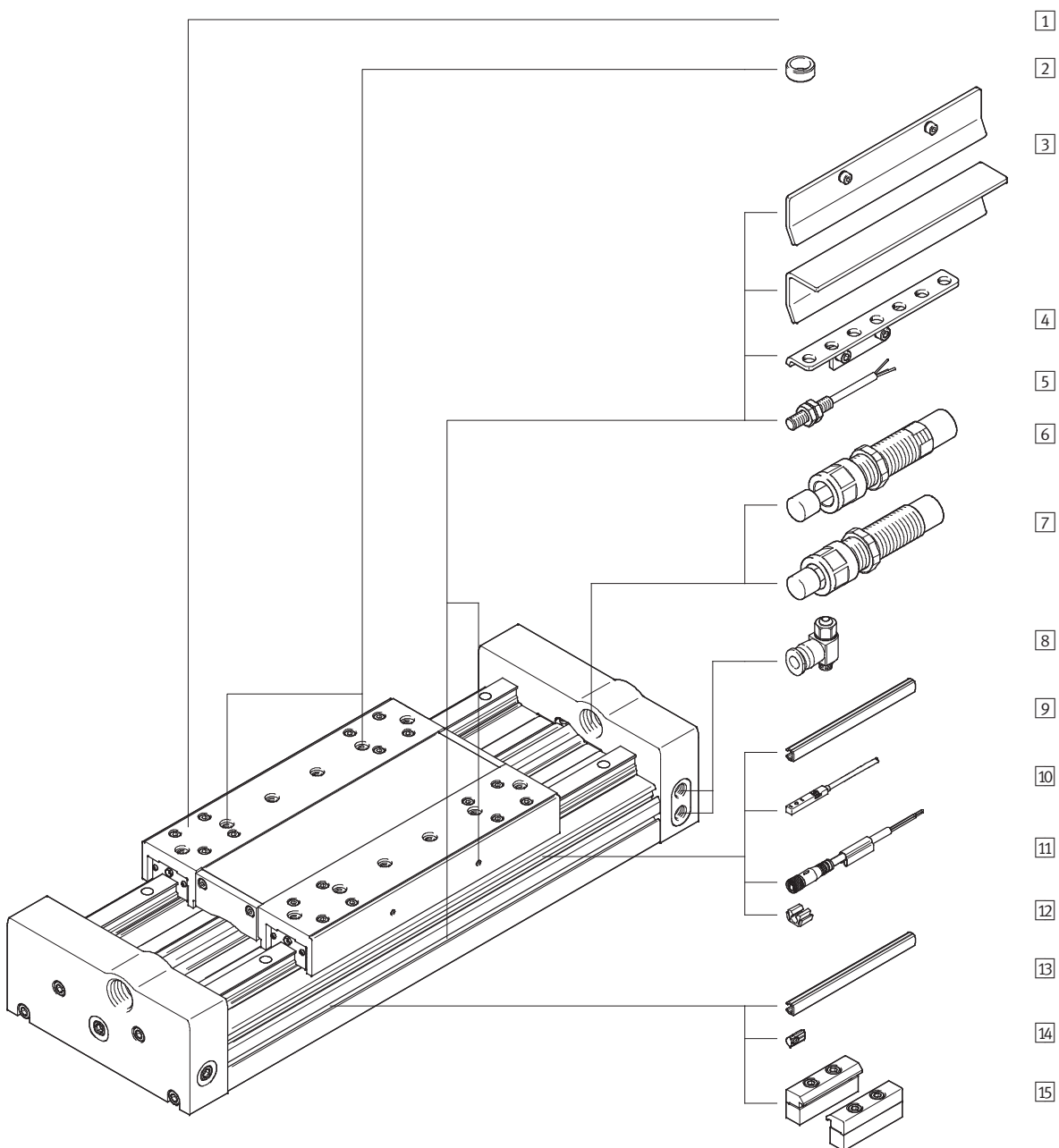
2X

Accessories	
ZUB	Accessories enclosed separately
Profile mounting	
...M	Profile mounting
Slot cover	
...B	For mounting slot
Slot cover	
...S	For sensor slot
Slot nut	
...Y	For mounting slot
Proximity sensor	
...X	(SIES), inductive, slot type 8, PNP, N/O contact, 7.5 m cable
...Z	(SIES), inductive, slot type 8, PNP, N/C contact, 7.5 m cable
...O	(SIEN), inductive, M8, PNP, N/O contact, 2.5 m cable
...P	(SIEN), inductive, M8, PNP, N/C contact, 2.5 m cable
...W	(SIEN), inductive, M8, PNP, N/O contact, plug M8
...R	(SIEN), inductive, M8, PNP, N/C contact, plug M8
Connecting cable	
...V	With plug, 2.5 m
Proximity sensor	
...I	(SMT), magneto-resistive, N/O contact, 2.5 m cable
...J	(SMT), magneto-resistive, N/O contact, plug M8
...N	(SME), magnetic reed, N/C contact, 7.5 m cable
...G	(SME), magnetic reed, N/O contact, 2.5 m cable
...H	(SME), magnetic reed, N/O contact, plug M8

Linear drives DGC-HD, with heavy-duty guide

Peripherals overview

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Linear drives DGC-HD, with heavy-duty guide

Peripherals overview

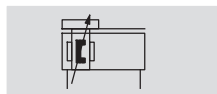
Accessories		
Type	Brief description	→ Page/Internet
1 Linear drive DGC-HD	Pneumatic linear drive with heavy-duty guide	4
2 Centring sleeve ZBH	- For centring loads and attachments on the slide 2 centring pins/sleeves included in the scope of delivery of the drive	22
3 Switch lug X, Z, O, P, W, R	For sensing the slide position	20
4 Sensor bracket O, P, W, R	Adapter for mounting the inductive proximity sensors (round design) on the drive	21
5 Proximity sensor, M8 O, P, W, R	- Inductive, round design - The order code O, P, W, R includes 1 switch lug and 2 sensor brackets in the scope of delivery	23
6 Shock absorber YSR	Linear shock absorber, self-adjusting	19
7 Shock absorber YSRW	Progressive shock absorber, self-adjusting	22
8 One-way flow control valve GRLA	For regulating speed	22
9 Slot cover S	- For sensor slot - For protecting against the ingress of dirt and securing proximity sensor cables	22
10 Proximity sensor, T-slot X, Z	- Inductive, for T-slot - The order code X, Z includes 1 switch lug in the scope of delivery	23
10 Proximity sensor, T-slot I, J, N, G, H	Magneto-resistive, magnetic reed, for T-slot	22
11 Connecting cable V	For proximity sensor (order code W and R)	23
12 Clip SMBK	For mounting the proximity sensor cable in the slot	22
13 Slot cover B	For protecting against the ingress of dirt	22
14 Slot nut Y	- For mounting slot - For mounting components	22
15 Profile mounting M	For mounting the drive on the profile	20

Linear drives DGC-HD, with heavy-duty guide

Technical data

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Function



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



- N- Diameter
18 ... 40 mm
- T- Stroke length
10 ... 5,000 mm

General technical data			
Piston Ø	18	25	40
Design	Pneumatic linear drive with heavy-duty guide		
Guide	Recirculating ball bearing guide		
Mode of operation	Double-acting		
Stroke [mm]	10 ... 3,000	10 ... 5,000	10 ... 3,500
Pneumatic connection	M5	G $\frac{1}{8}$	G $\frac{1}{4}$
Cushioning → 11			
DGC-...-YSR	Linear shock absorber, self-adjusting		
DGC-...-YSRW	Progressive shock absorber, self-adjusting		
Max. speed [m/s]	3		
Position sensing	Via proximity sensor		
Type of mounting	Profile mounting		
Mounting position	Any		

Operating and environmental conditions			
Piston Ø	18	25	40
Operating pressure [bar]	2.5 ... 8		1.5 ... 8
Operating medium	Compressed air according to ISO 8573-1:2010 [7:-:-]		
Note on operating/pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)		
Ambient temperature ¹⁾ [°C]	-10 ... +60		

1) Note operating range of proximity sensors

Forces [N]			
Piston Ø	18	25	40
Theoretical force at 6 bar	153	295	754

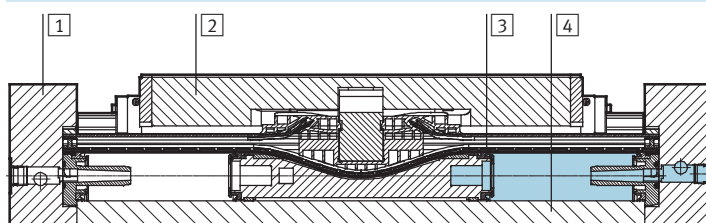
Linear drives DGC-HD, with heavy-duty guide

Technical data

Weight [g]			
Piston Ø	18	25	40
Basic weight with 0 mm stroke	3,987	7,509	20,469
Additional weight per 10 mm stroke	71	105	199
Moving load	1,057	2,246	6,178

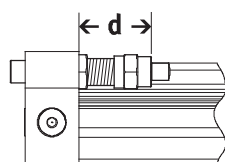
Materials

Sectional view



Linear drives	
1 End cap	Anodised aluminium
2 Slide	Anodised aluminium
3 Sealing band/cover band	PU/steel
4 Cylinder barrel	Anodised aluminium
– Seal	NBR, TPE-U(PU)
Note on materials	RoHS-compliant
	Contains PWIS (paint-wetting impairment substances)

Adjustable end-position range d [mm]



Piston Ø	18	25	40
DGC-...-HD	27.3 ... 52.3	31 ... 56	41 ... 76

Linear drives DGC-HD, with heavy-duty guide

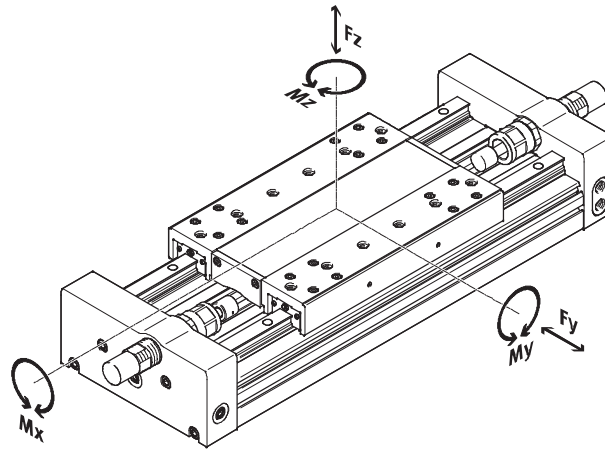
Technical data

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Characteristic load values

The indicated forces and torques refer to the slide surface. The point of application of force is the point where the centre of the guide and the longitudinal centre of the slide intersect.

These values must not be exceeded during dynamic operation. Special attention must be paid to the cushioning phase.



If the drive is simultaneously subjected to several of the indicated forces and torques, the following equation must be satisfied in addition to the indicated maximum loads:

$$\frac{F_y}{F_{y_{\max.}}} + \frac{F_z}{F_{z_{\max.}}} + \frac{M_x}{M_{x_{\max.}}} + \frac{M_y}{M_{y_{\max.}}} + \frac{M_z}{M_{z_{\max.}}} \leq 1$$

Permissible forces and torques				
Piston Ø		18	25	40
F _{y_{max.}}	[N]	3,650	5,600	13,000
F _{z_{max.}}	[N]	3,650	5,600	13,000
M _{x_{max.}}	[Nm]	140	300	900
M _{y_{max.}}	[Nm]	275	500	1,450
M _{z_{max.}}	[Nm]	275	500	1,450

Note

QuickCalc
sizing software
→ www.festo.com

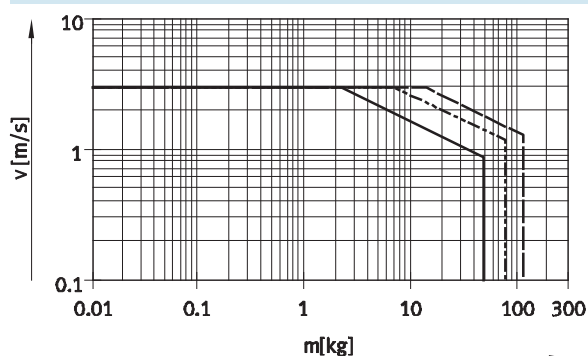
Linear drives DGC-HD, with heavy-duty guide

Technical data

Maximum permissible piston speed v as a function of effective load m and distance $r_{\max}$ from centre of gravity of load

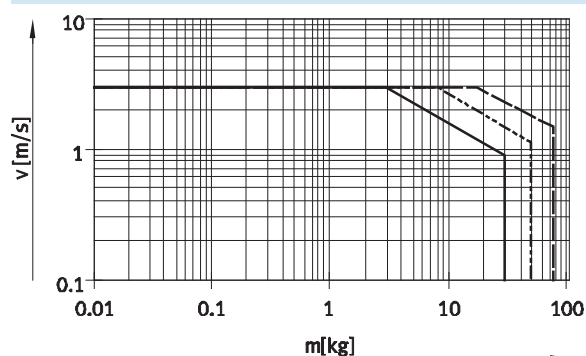
These specifications represent the maximum values that can be achieved. In practice, values fluctuate relative to the position of the effective load and mounting position.

With YSR cushioning



— DGC-18-HD
 - - - DGC-25-HD
 - · - DGC-40-HD

With YSRW cushioning

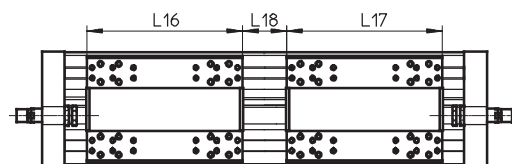


Working stroke reduction

For standard slide with additional slide KL or KR

- For a linear drive with additional slide, the working stroke is reduced by the length of the additional slide L17 and the distance between both slides L18

L16 = Length of slide
 L17 = Length of additional slide
 L18 = Distance between both slides



Example:

Type: DGC-25-1000-HD-...-KR
 L18 = 100 mm

Working stroke = 1,000 mm – 220 mm – 100 mm = 680 mm

Dimensions – Additional slide

Piston Ø	18	25	40
Length L17 [mm]	202	222	302

Linear drives DGC-HD, with heavy-duty guide

Technical data

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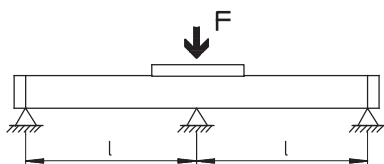
Number of central supports MUP as a function of force due to weight F and support spacing l

In order to limit deflection in the case of large strokes, the drive may need to be supported. The following graphs

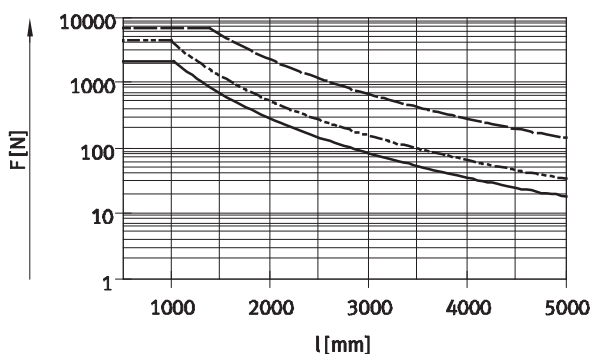
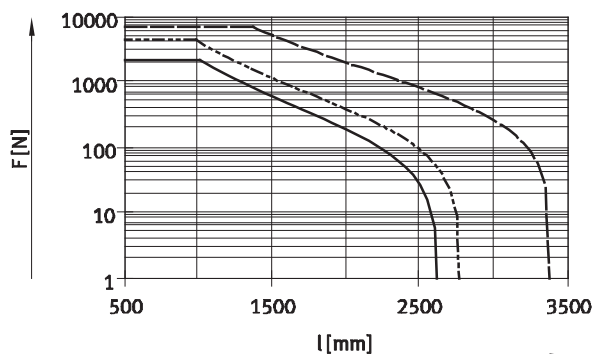
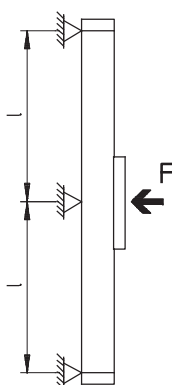
help to determine the maximum permissible support spacing as a function of mounting position, force

function of mounting position, force due to weight and normal force.

Mounting position
Horizontal



Vertical



— DGC-18-HD
- - - DGC-25-HD
- · - DGC-40-HD

Example:

The drive DGC-25-1500-HD is subjected to a force of 200 N in a horizontal mounting position.

The drive has an overall length of:
 $l = \text{stroke length} + L1$
 (see dimensions)
 $= 1,500 \text{ mm} + 351.5 \text{ mm}$
 $= 1,851.5 \text{ mm}$

According to the graph, the max. support spacing for the drive DGC-25-HD with a force of 200 N is 1,800 mm.

In this example, profile mountings are required as the max. support spacing (1,800 mm) is smaller than the overall length of the drive (1,851.5 mm).

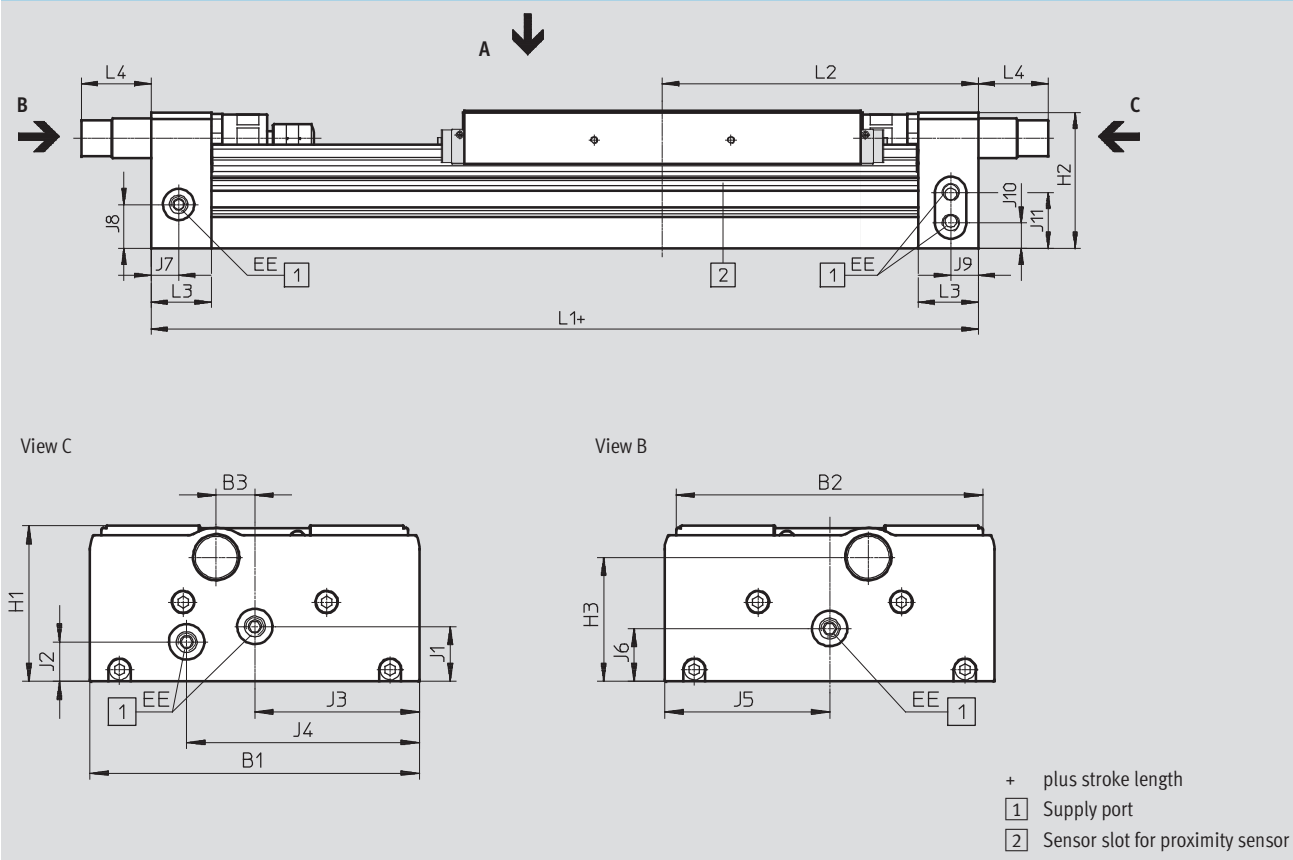
Linear drives DGC-HD, with heavy-duty guide

Technical data

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Dimensions

Download CAD Data → www.festo.com/us/cad



Ø	B1	B2	B3	EE	H1	H2	H3
[mm]							
18	124	120	7	M5	64	63.1	51.7
25	162	150.7	19	G1/8	76.5	75.5	61
40	222	204	12	G1/4	111.5	109.5	91

Ø	J1	J2	J3	J4	J5	J6	J7	J8
[mm]								
18	25.5	15	59	88	59	25.5	14.9	21.6
25	27	19.4	81	114.5	81	26	15.4	24.3
40	43	25	105	157	111	37	25.1	31

Ø	J9	J10	J11	L1	L2	L3	L4	
[mm]							YSR	YSRW
18	14.9	15	25.6	306.5	153	24.5	34	20.5
25	15.4	14	31	351.5	175.5	33.5	43.8	38.8
40	25.1	23	45	472.5	236	44	48.3	38.3

Linear drives DGC-HD, with heavy-duty guide

Technical data

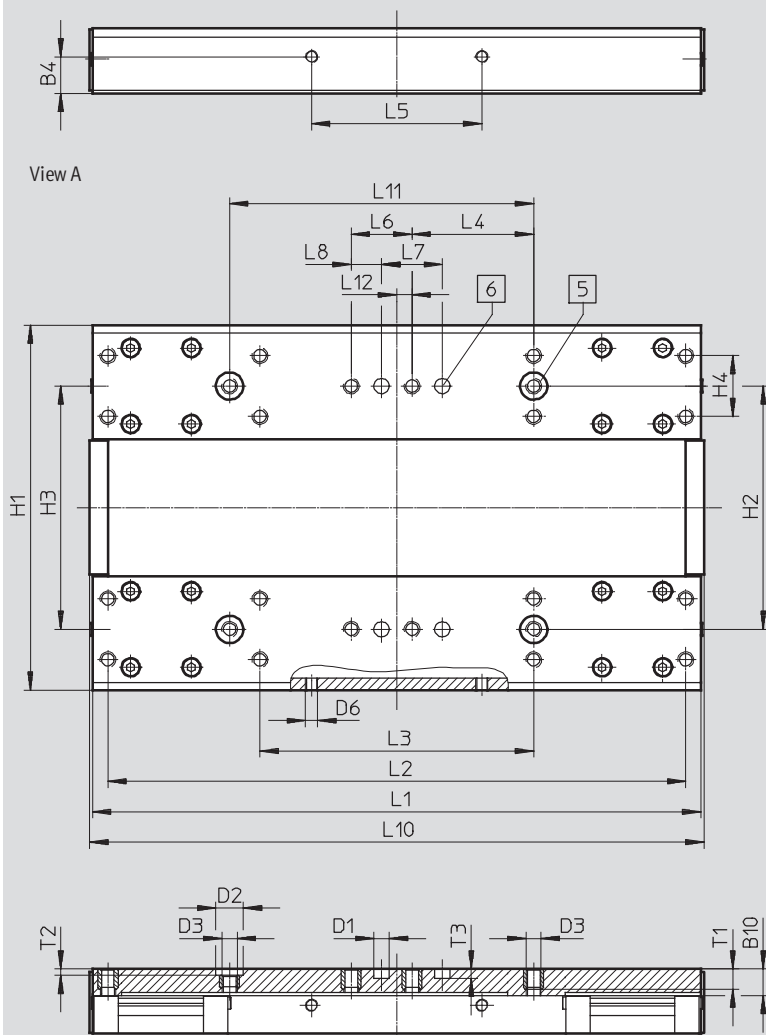
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Dimensions

Download CAD Data → www.festo.com/us/cad

Standard slide

Ø 18



- 5 Hole for centring sleeve ZBH
- 6 Hole for centring pin ZBS

Ø	B4	B10	D1	D2	D3	D6	H1	H2	H3	H4	L1	L2
[mm]	±0.1		Ø H7	Ø H7			±0.3	±0.05		±0.1	±0.1	±0.2
18	12	8.8	5	9	M5	M4	120	80	80	20	200	190

Ø	L3	L4	L5	L6	L7	L8	L10	L11	L12	T1	T2	T3
[mm]	±0.2	±0.1	±0.2	±0.1	±0.03	±0.1		±0.03			+0.1	+0.1
18	90	40	56	20	20	10	202	100	5	7.8	2.1	3.1

Linear drives DGC-HD, with heavy-duty guide

Technical data

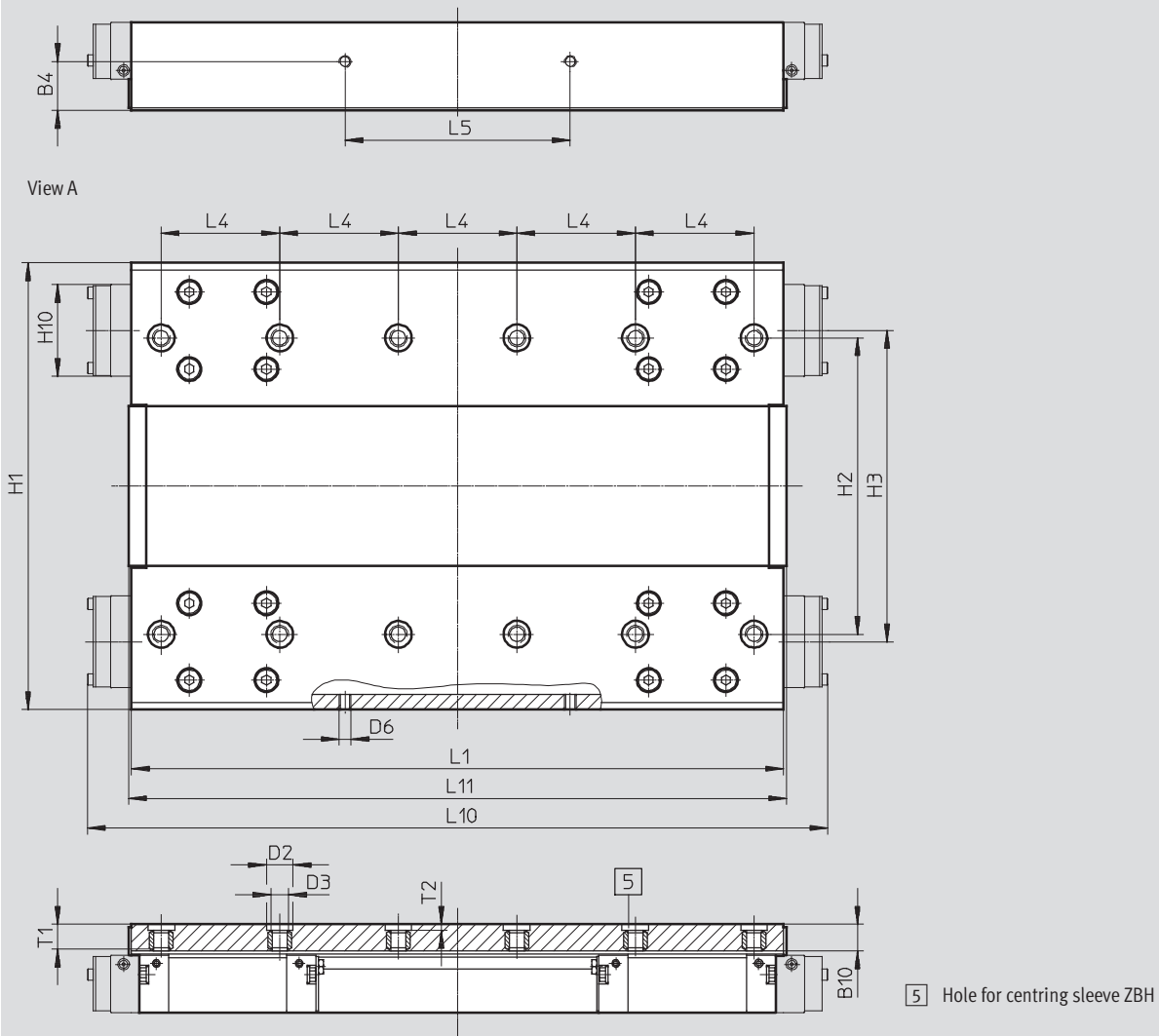
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Dimensions

Download CAD Data → www.festo.com/us/cad

Standard slide/GP – Standard slide, protected

Ø 25



Ø	B4	B10*	D2 Ø H7	D3	D6	H1	H2	H3
[mm]	±0.1					±0.3	±0.05	
25	16.5	10	9	M6	M4	150.7	100	105

Ø	H10*	L1	L4	L5	L10*	L11	T1	T2
[mm]		±0.1	±0.03	±0.1				+0.1
25	31	220	40	76	249.8	222	9	2.1

* Protected version

Linear drives DGC-HD, with heavy-duty guide

Technical data

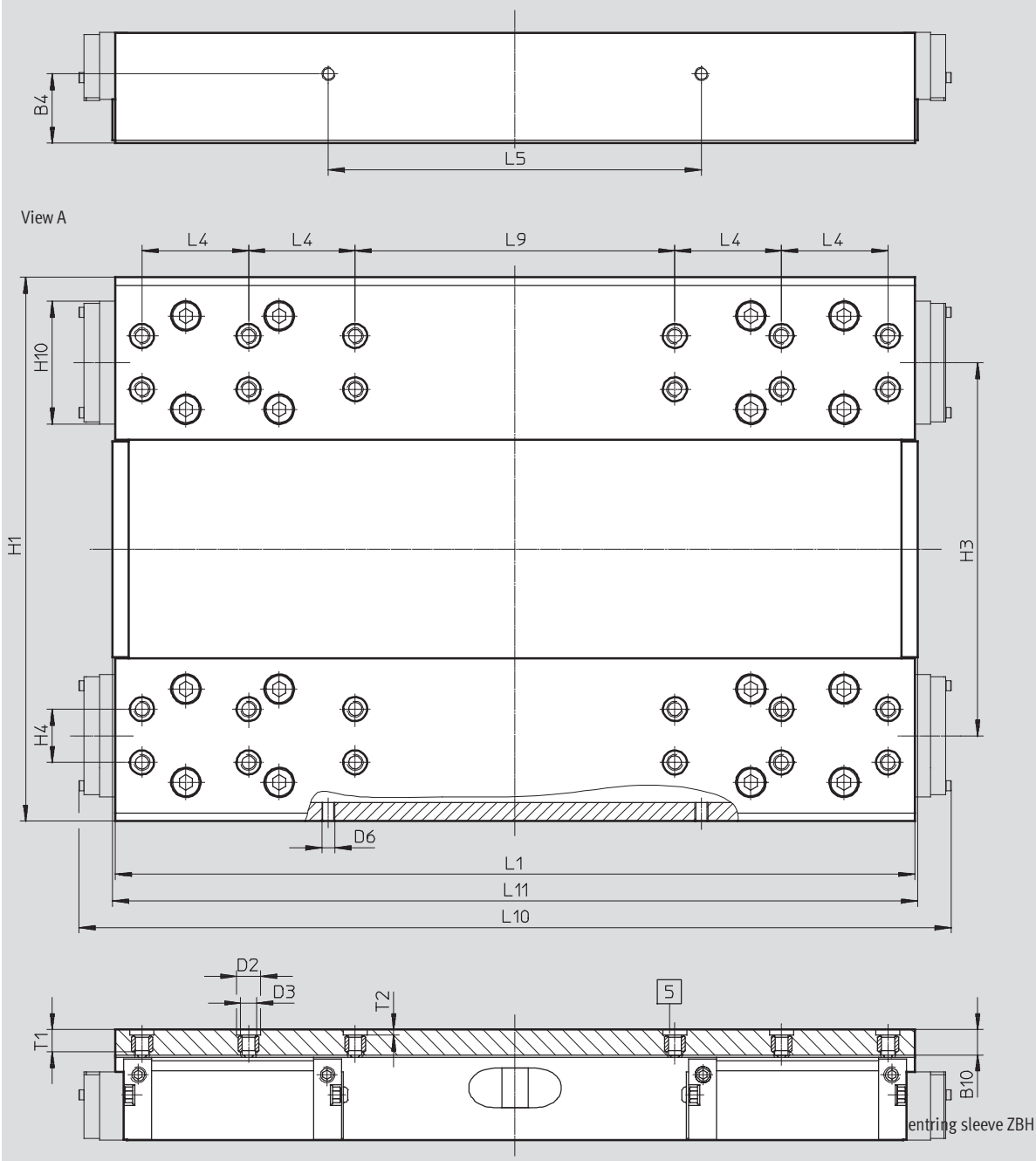
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Dimensions

Download CAD Data → www.festo.com/us/cad

Standard slide/GP – Standard slide, protected

Ø 40



Ø	B4	B10*	D2 Ø H7	D3	D6	H1	H3	H4
[mm]	±0.1					±0.3		±0.05
40	26	10.5	9	M6	M5	204	140	20

Ø	H10*	L1	L4	L5	L9	L10*	L11	T1	T2
[mm]		±0.1	±0.05	±0.1	±0.05				+0.1
40	46	300	40	140	120	327.3	302	9.5	2.1

* Protected version

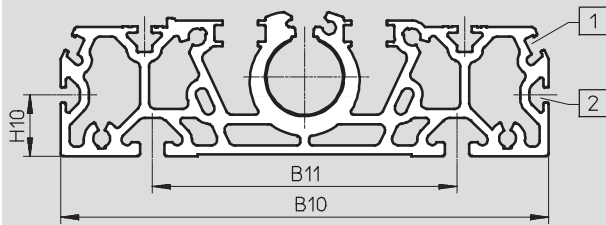
Linear drives DGC-HD, with heavy-duty guide

Technical data

Dimensions

Download CAD Data → www.festo.com/us/cad

Profile barrel



- 1 Sensor slot for proximity sensor
- 2 Mounting slot for slot nut

Ø	B10	B11	H10
[mm]			
18	122	80	20
25	160	100	20
40	220	140	20

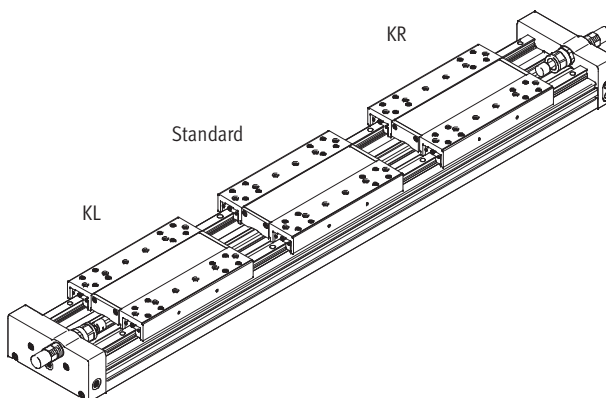
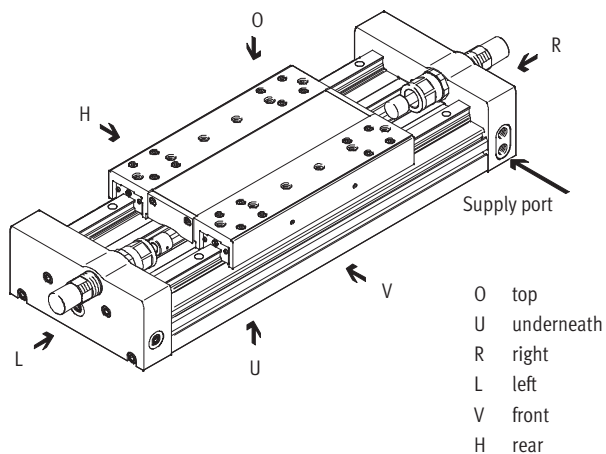
Linear drives DGC-HD, with heavy-duty guide

Ordering data – Modular products

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Order code

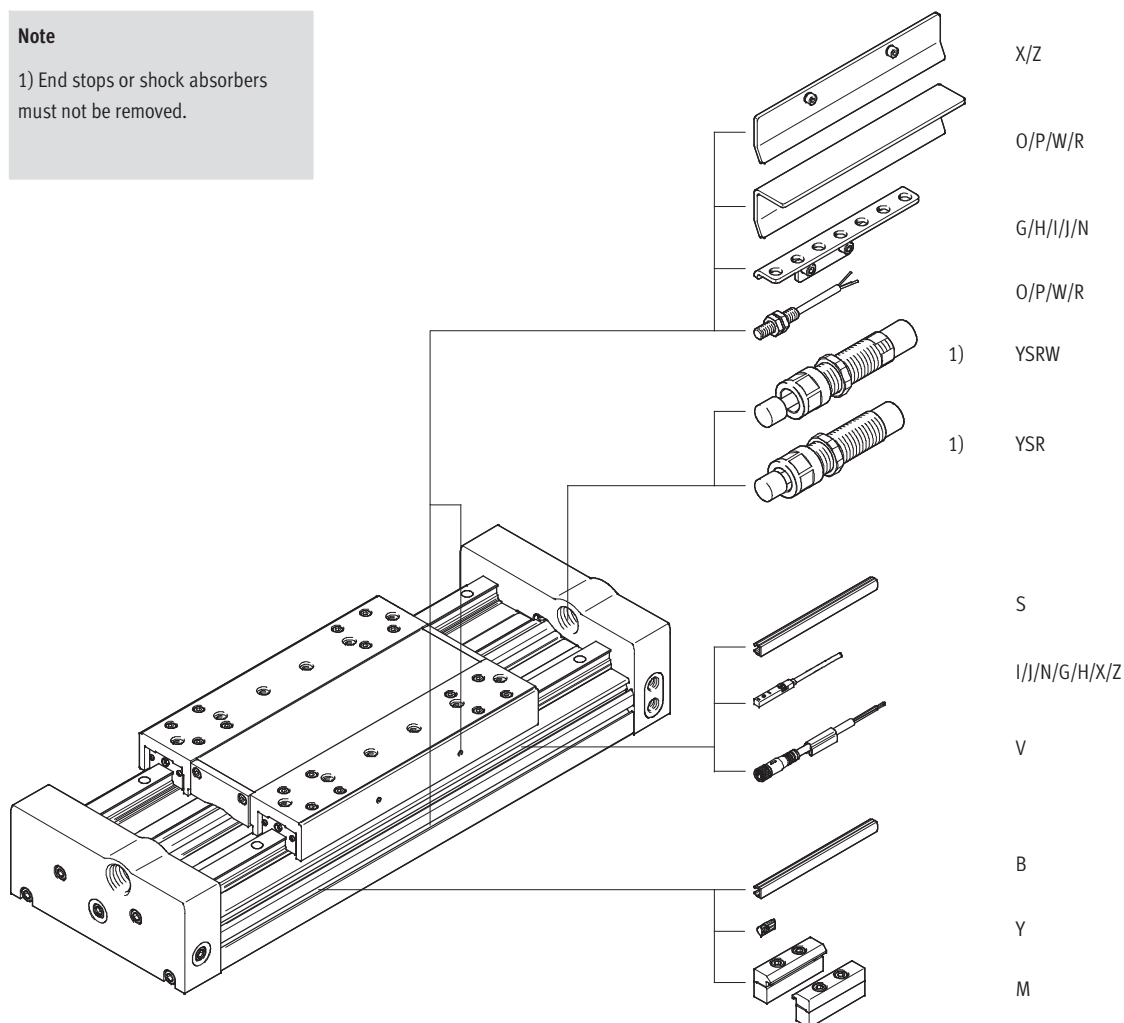
Mandatory data



Accessories

Note

1) End stops or shock absorbers must not be removed.



Linear drives DGC-HD, with heavy-duty guide

Ordering data – Modular products

Ordering table								
Piston Ø		18	25	40	Conditions	Code	Enter code	
[M]	Module No.	567547	567548	567549				
	Function	Linear drive				DGC	DGC	
	Piston Ø [mm]	18	25	40		-...		
	Stroke [mm]	10 ... 3,000	10 ... 5,000	10 ... 3,500		-...		
	Guide	Heavy-duty guide				-HD	-HD	
	Cushioning	Shock absorber, self-adjusting				-YSR		
		Progressive shock absorber, self-adjusting				-YSRW		
[O]	Slide	Standard slide						
		–	Standard slide, protected			-GP		
	Additional slide	Standard slide, left			1 2	-KL		
		Standard slide, right			2	-KR		
[O]	Accessories		Enclosed separately				ZUB-	ZUB-
	Profile mounting		1 ... 50				...M	
	Slot cover for mounting slot		1 ... 50 (1 = 2 units, 500 mm)				...B	
	Slot cover for sensor slot		1 ... 50 (1 = 2 units, 500 mm)				...S	
	Slot nut for mounting slot		1 ... 99				...Y	
	Proximity sensor (SIES), inductive, slot type 8, PNP, incl. switch lug	N/O contact, 7.5 m cable	1 ... 9			...X		
		N/C contact, 7.5 m cable	1 ... 9			...Z		
	Proximity sensor (SIEN), inductive, M8, PNP, incl. switch lug and sensor bracket	N/O contact, 2.5 m cable	1 ... 9			...O		
		N/C contact, 2.5 m cable	1 ... 9			...P		
		N/O contact, plug M8	1 ... 9			...W		
		N/C contact, plug M8	1 ... 9			...R		
	Connecting cable, M8, 3-wire, 2.5 m		1 ... 9				...V	
	Proximity sensor (SMT), magneto-resistive, slot type 8	N/O contact, 2.5 m cable	1 ... 9			...I		
		N/O contact, plug M8	1 ... 9			...J		
	Proximity sensor (SME), magnetic reed, slot type 8	N/C contact, 7.5 m cable	1 ... 9			...N		
		N/O contact, 2.5 m cable	1 ... 9			...G		
N/O contact, plug M8		1 ... 9			...H			

- [1] KL** Not with additional slide on right KR
[2] KL/KR Not with protected standard slide GP

Transfer order code

DGC - - - **HD** - - - **ZUB**

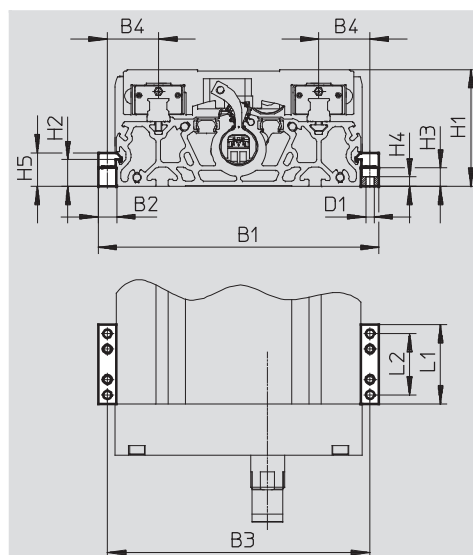
Linear drives DGC-HD, with heavy-duty guide

Accessories

FESTO

Profile mounting MUE
(order code M)

Material:
Anodised aluminium
RoHS-compliant

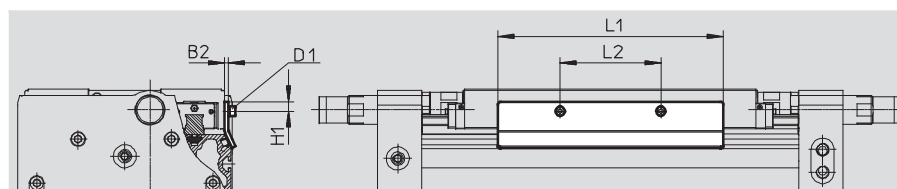


Dimensions and ordering data								
For Ø [mm]	B1	B2	B3	B4	D1 Ø	H1	H2	H3
18	146	12	134	27	5.5	64	17.5	12
25	184	12	172	33.5	5.5	76.5	17.5	12
40	258	19	239	49.5	9	111.5	16	14

For Ø [mm]	H4	H5	L1	L2	Weight [g]	Part No.	Type
18	6.2	22	52	40	80	558043	MUE-70/80
25	6.2	22	52	40	80	558043	MUE-70/80
40	5.5	29.5	90	40	290	558044	MUE-120/185

Switch lug SF-EGC-HD-1
for sensing via proximity sensor
SIES-8M
(order code X or Z)

Material:
Galvanised steel
RoHS-compliant



Dimensions and ordering data								
For Ø [mm]	B3	D1	H1	L1	L2	Weight [g]	Part No.	Type
18	2	M4x8	7.8	150	56	70	570027	SF-EGC-HD-1-125
25	3	M4x8	7.3	170	76	160	1645872	SF-EGC-HD-1-160
40	3	M5x10	11.5	250	140	310	1645866	SF-EGC-HD-1-220

Linear drives DGC-HD, with heavy-duty guide

Accessories

Switch lug SF-EGC-HD-2

for sensing via proximity sensor
SIEN-M8B (order code O, P, W or R) or
SIES-8M (order code X or Z)

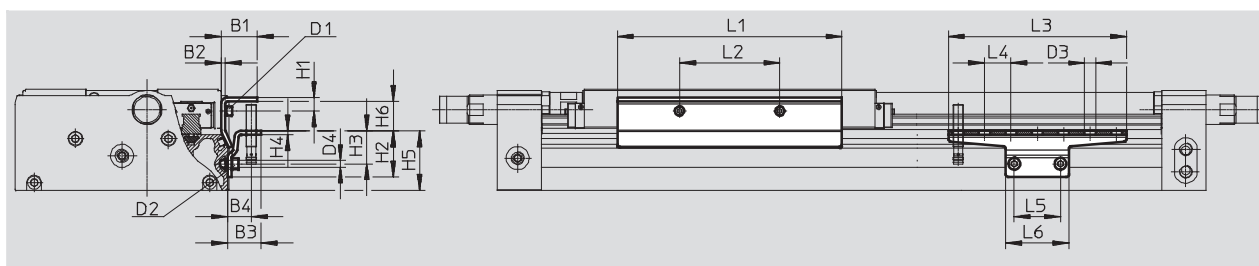
Material:
Galvanised steel
RoHS-compliant



Sensor bracket HWS-EGC

for proximity sensor SIEN-M8B
(order code O, P, W or R)

Material:
Galvanised steel
RoHS-compliant



Dimensions and ordering data

For Ø [mm]	B1	B2	B3	B4	D1	D2	D3 Ø	D4 Ø	H1	H2
18	24	2	25.5	18	M4x8	M5x8	8.4	5.2	9	35
25	27	3	25.5	18	M4x8	M5x8	8.4	5.2	10.3	35
40	31	3	25.5	18	M5x10	M5x14	8.4	5.2	11.5	65

For Ø [mm]	H3	H4	H5	H6	L1	L2	L3	L4	L5	L6
18	25	3	45	14	150	56	135	20	35	48
25	25	3	45	22.2	170	76	135	20	35	48
40	55	3	75	18.4	250	140	215	20	35	48

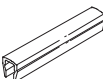
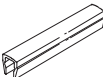
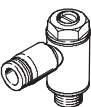
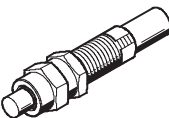
For Ø [mm]	Weight [g]	Part No.	Type
			Switch lug
18	122	570030	SF-EGC-HD-2-125
25	261	1645865	SF-EGC-HD-2-160
40	430	1645868	SF-EGC-HD-2-220

For Ø [mm]	Weight [g]	Part No.	Type
			Sensor bracket
18	110	558057	HWS-EGC-M5
25	110	558057	HWS-EGC-M5
40	217	570365	HWS-EGC-M8-B

Linear drives DGC-HD, with heavy-duty guide

Accessories

FESTO

Ordering data						
	For Ø	Description	Order code	Part No.	Type	PU ¹⁾
Slot nut NST Technical data → Internet: hmbn						
	18, 25 ³⁾	For mounting slot	Y	150914	NST-5-M5	1
	25 ⁴⁾ , 40			150915	NST-8-M6	
Centring pin/sleeve ZBS/ZBH ²⁾						
	18	For slide	–	150928	ZBS-5	10
	25, 40			150927	ZBH-9	
Slot cover ABP Technical data → Internet: abp						
	18	For mounting slot	B	151681	ABP-5	2
	25	Every 0.5 m		151680	ABP-5-S	
	40			151682	ABP-8	
	18, 25, 40	For sensor slot Every 0.5 m	S	563360	ABP-5-S1	2
Clip SMBK						
	18 ... 40	For sensor slot, for attaching the proximity sensor cables	–	534254	SMBK-8	10
One-way flow control valve GRLA Technical data → Internet: grla						
	18	Metal design	–	193137	GRLA-M5-QS-3-D	1
	25			193138	GRLA-M5-QS-4-D	
				193142	GRLA-1/8-QS-3-D	
				193143	GRLA-1/8-QS-4-D	
				193144	GRLA-1/8-QS-6-D	
				193145	GRLA-1/8-QS-8-D	
	40			193146	GRLA-1/4-QS-6-D	
				193147	GRLA-1/4-QS-8-D	
				193148	GRLA-1/4-QS-10-D	
Shock absorber YSRW Technical data → Internet: ysrw						
	18	Self-adjusting, progressive	YSRW	540351	YSRW-DGC-32-KF	1
	25			1232870	YSRW-DGC-40/50-B	
	40			543069	YSRW-DGC-63	

1) Packaging unit

2) 2 centring pins/sleeves included in the scope of delivery of the drive

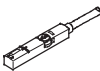
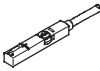
3) For mounting slot at side

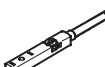
4) For mounting slot underneath

Ordering data – Proximity sensors for T-slot, magneto-resistive							Technical data → Internet: smt	
	Type of mounting	Electrical connection	Switching output	Cable length [m]	Order code	Part No.	Type	
N/O contact								
	Insertable in the slot from above, flush with the cylinder profile, short design	Cable, 3-wire	PNP	2.5	I	574335	SMT-8M-A-PS-24V-E-2,5-OE	
		Plug M8x1, 3-pin		0.3	J	574334	SMT-8M-A-PS-24V-E-0,3-M8D	
		Plug M12x1, 3-pin		0.3	–	574337	SMT-8M-A-PS-24V-E-0,3-M12	
		Cable, 3-wire	NPN	2.5	–	574338	SMT-8M-A-NS-24V-E-2,5-OE	
		Plug M8x1, 3-pin		0.3	–	574339	SMT-8M-A-NS-24V-E-0,3-M8D	
N/C contact								
	Insertable in the slot from above, flush with the cylinder profile, short design	Cable, 3-wire	PNP	7.5	–	574340	SMT-8M-A-PO-24V-E-7,5-OE	

Linear drives DGC-HD, with heavy-duty guide

Accessories

Ordering data – Proximity sensors for T-slot, magnetic reed							Technical data → Internet: sme
	Type of mounting	Electrical connection	Switching output	Cable length [m]	Order code	Part No.	Type
N/O contact							
	Insertable in the slot from above, flush with the cylinder profile	Cable, 3-wire	Contacting	2.5	G	543862	SME-8M-DS-24V-K-2,5-OE
				5.0	–	543863	SME-8M-DS-24V-K-5,0-OE
		Cable, 2-wire		2.5	–	543872	SME-8M-ZS-24V-K-2,5-OE
		Plug M8x1, 3-pin		0.3	H	543861	SME-8M-DS-24V-K-0,3-M8D
N/C contact							
	Insertable in the slot from above, flush with the cylinder profile	Cable, 3-wire	Contacting	7.5	N	546799	SME-8M-DO-24V-K-7,5-OE

Ordering data – Proximity sensors for T-slot, inductive							Technical data ➔ Internet: sies
	Type of mounting	Electrical connection	Switching output	Cable length [m]	Order code	Part No.	Type
N/O contact							
	Insertable in the slot from above, flush with the cylinder profile	Cable, 3-wire	PNP	7.5	X	551386	SIES-8M-PS-24V-K-7,5-OE
		Plug M8x1, 3-pin		0.3	–	551387	SIES-8M-PS-24V-K-0,3-M8D
		Cable, 3-wire	NPN	7.5	–	551396	SIES-8M-NS-24V-K-7,5-OE
		Plug M8x1, 3-pin		0.3	–	551397	SIES-8M-NS-24V-K-0,3-M8D
N/C contact							
	Insertable in the slot from above, flush with the cylinder profile	Cable, 3-wire	PNP	7.5	Z	551391	SIES-8M-PO-24V-K-7,5-OE
		Plug M8x1, 3-pin		0.3	–	551392	SIES-8M-PO-24V-K-0,3-M8D
		Cable, 3-wire	NPN	7.5	–	551401	SIES-8M-NO-24V-K-7,5-OE
		Plug M8x1, 3-pin		0.3	–	551402	SIES-8M-NO-24V-K-0,3-M8D

Ordering data – Proximity sensors M8 (round design), inductive							Technical data → Internet: sien
	Electrical connection	LED	Switching output	Cable length [m]	Order code	Part No.	Type
N/O contact							
	Cable, 3-wire	■	PNP	2.5	O	150386	SIEN-M8B-PS-K-L
	Plug M8x1, 3-pin	■	PNP	–	W	150387	SIEN-M8B-PS-S-L
N/C contact							
	Cable, 3-wire	■	PNP	2.5	P	150390	SIEN-M8B-PO-K-L
	Plug M8x1, 3-pin	■	PNP	–	R	150391	SIEN-M8B-PO-S-L

Ordering data – Connecting cables					Technical data → Internet: nebu	
	Electrical connection, left	Electrical connection, right	Cable length [m]	Part No.	Type	
	Straight socket, M8x1, 3-pin	Cable, open end, 3-wire	2.5	541333	NEBU-M8G3-K-2.5-LE3	
			5	541334	NEBU-M8G3-K-5-LE3	
	Straight socket, M12x1, 5-pin	Cable, open end, 3-wire	2.5	541363	NEBU-M12G5-K-2.5-LE3	
			5	541364	NEBU-M12G5-K-5-LE3	
	Angled socket, M8x1, 3-pin	Cable, open end, 3-wire	2.5	541338	NEBU-M8W3-K-2.5-LE3	
			5	541341	NEBU-M8W3-K-5-LE3	
	Angled socket, M12x1, 5-pin	Cable, open end, 3-wire	2.5	541367	NEBU-M12W5-K-2.5-LE3	
			5	541370	NEBU-M12W5-K-5-LE3	

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