

Technical details

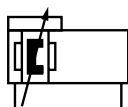
Operating pressure	1 ... 8 bar
Temperature range	-10°C ... +70°C
Medium	Filtered, oil-free and dried compressed air according to ISO 8573-1:2010, Class 7:2:4, instrument air, free of aggressive additives. Differing the pressure dew point must be at least 10°C below lowest occurring ambient temperature. If speeds exceed 1 m/s lubricated air is recommended.
Materials	Cylinder tube: Al (anodized) Outer parts: Al (anodized), Plastics Seals: NBR, PU
	Cylinders in accordance with 2014/34/EU (ATEX) available. (page 20)



Double acting Al-profile rodless cylinder with integrated sensor grooves, adjustable cushions and permanent magnet for proximity sensors.

The sensors can be installed directly into the sensor grooves of the Al-profile.

Versions



ZX-***
double acting, adjustable cushioning,
with magnetic piston

Order code

ZX-**-**-*****-**-**			
Series	←	Optionen	
Piston-Ø	←	EX	cylinders in accordance with 2014/34/EU (ATEX)
25	25 mm	H1	grease with food approval according to NSF (class H1)
32	32 mm	P	Plastic piston carrier guides
40	40 mm		
50	50 mm		
63	63 mm		
Version	←	Air connection options (details see page 08)	
S	standard cylinder	01	air connection on each end
K	short cylinder	02	air connection on one end
SG	cylinder with slide guide	03	air connection on one end, guide on the ride side *
KG	short cylinder with slide guide	04	air connection on both face ends
SR*	cylinder with roller guide		* only for versions KG, SG, KR, SR
KR*	short cylinder with roller guide	Stroke (mm)	
	* only for Ø 25 up to 40 mm	XXXX	max. 5860 mm - 10500 mm (details see data sheets)

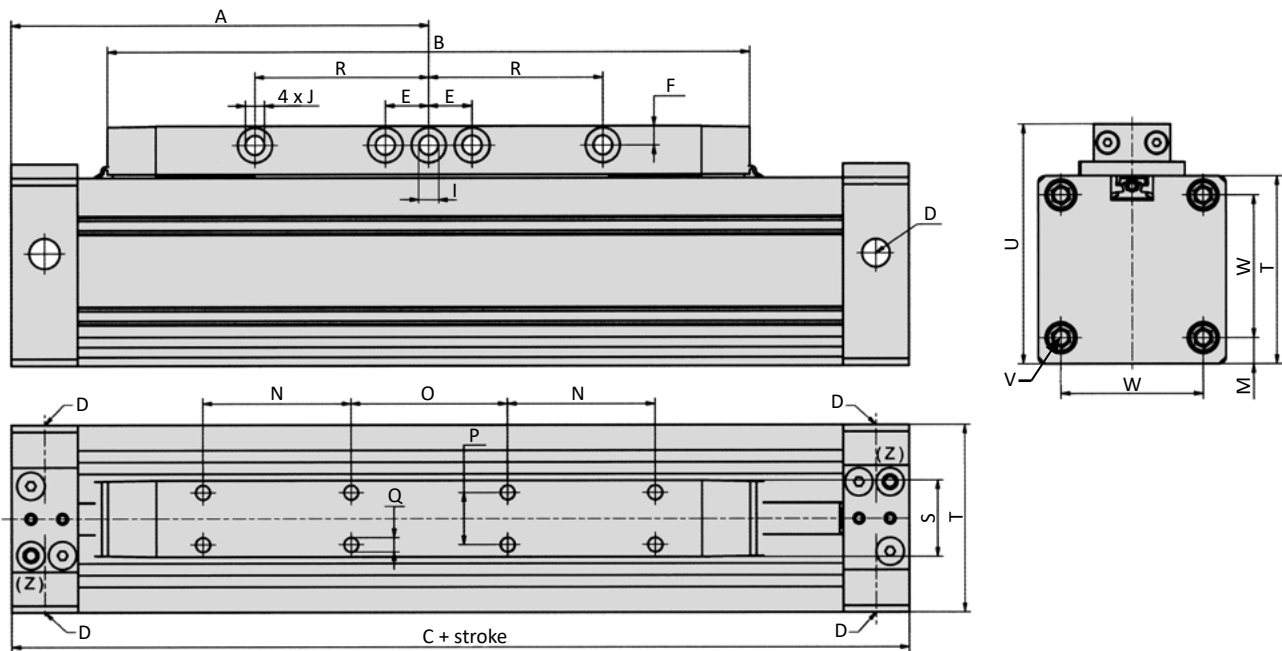
Series ZX-S



Technical data

Model-no.:	ZX-25-S-...	ZX-32-S-...	ZX-40-S-...	ZX-50-S-...	ZX-63-S-...
Piston Ø (mm)	25	32	40	50	63
Connection	G1/8	G1/8	G1/4	G3/8	G3/8
Cushioning length (mm)	24	28	36	45	59
Weight 0 mm stroke	0.88	1.40	2.41	5.30	8.10
(kg) each 100 mm stroke	0.30	0.39	0.52	0.96	1.32
max. stroke (mm)	6.000	10.500	10.500	5.910	5.860

Dimensions



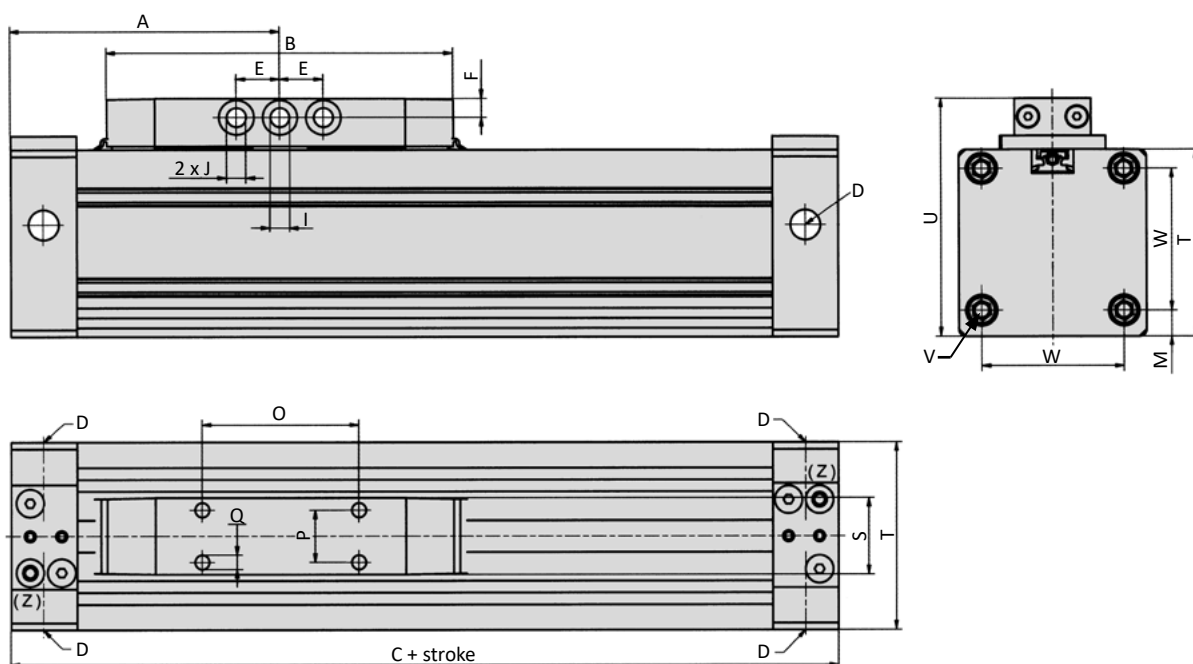
Piston Ø	A	B	C	D	E	F	I	J	M	N
25	100	149.6	200	G1/8	12.5	5	6	4.5	4.5	20
32	120	184.5	240	G1/8	12.5	5.5	6	5.5	7.5	42.5
40	150	222.6	300	G1/4	12.5	7	7	6.5	7.5	35
50	175	262	350	G3/8	17.5	9	10	8.5	12.5	45
63	200	300	400	G3/8	25	9.5	10	8.5	14	80

Piston Ø	O	P	Q	R	S	T	U	V	W
25	50	15	M5 x 7	35	22	45	60	M4 x 11	36
32	45	15	M5 x 7	50	22	54	69	M5 x 11	41
40	90	15	M5 x 9	65	22	64	82	M6 x 12	49
50	60	34	M8 x 16	90	46	90	115	M8 x 17	65
63	80	34	M8 x 16	90	46	106	131	M8 x 17	78

Technical data

Model-no.:	ZX-25-K-...	ZX-32-K-...	ZX-40-K-...	ZX-50-K-...	ZX-63-K-...
Piston Ø (mm)	25	32	40	50	63
Connection	G1/8	G1/8	G1/4	G3/8	G3/8
Cushioning length (mm)	24	28	36	45	59
Weight 0 mm stroke	0.62	0.96	1.65	3.50	5.40
(kg) each 100 mm stroke	0.30	0.39	0.52	0.96	1.32
max. stroke (mm)	6.000	10.500	10.500	6.000	6.000

Dimensions



Piston Ø	A	B	C	D	E	F	I	J	M
25	67.5	84.6	135	G1/8	12.5	5	6	4.5	4.5
32	77.5	99.6	155	G1/8	12.5	5.5	6	5.5	7.5
40	95	112.6	190	G1/4	12.5	7	7	6.5	7.5
50	105	122	210	G3/8	17.5	9	10	8.5	12.5
63	125	150	250	G3/8	25	9.5	10	8.5	14

Piston Ø	O	P	Q	S	T	U	V	W
25	35	15	M5 x 7	22	45	60	M4 x 11	36
32	45	15	M5 x 7	22	54	69	M5 x 11	41
40	50	15	M5 x 9	22	64	82	M6 x 12	49
50	64	34	M8 x 16	46	90	115	M8 x 17	65
63	80	34	M8 x 16	46	106	131	M8 x 17	78

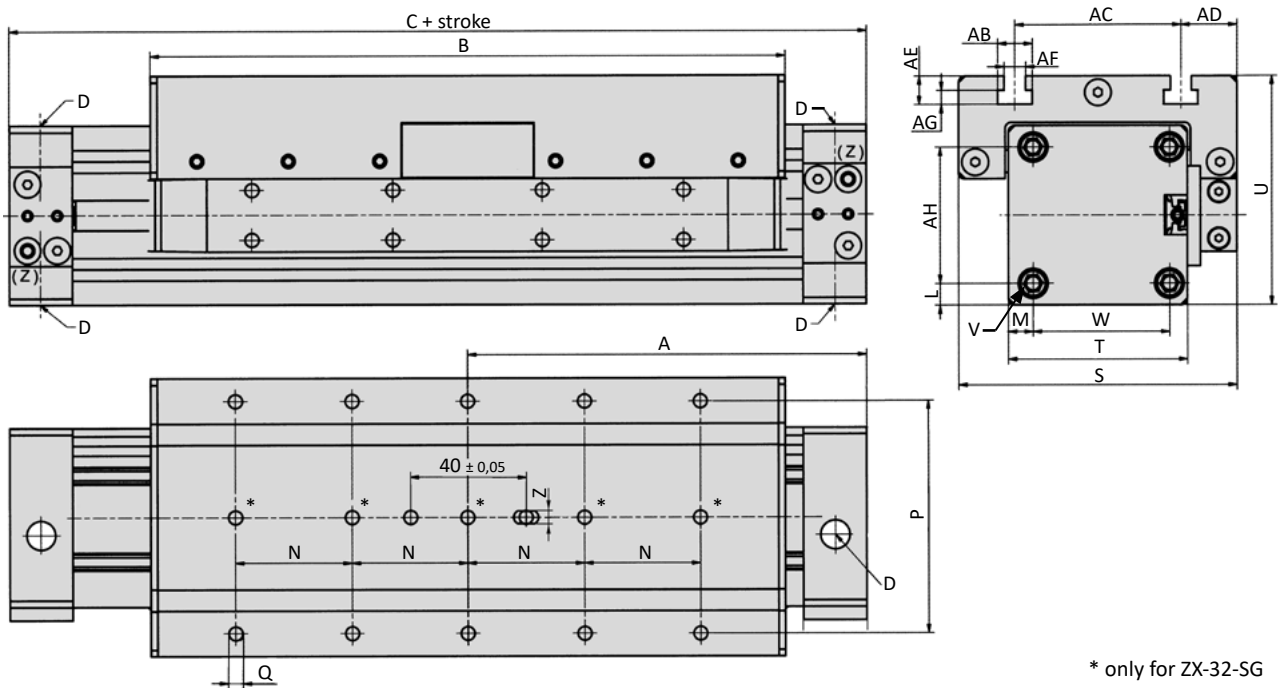
Series ZX-SG



Technical data

Model-no.:	ZX-25-SG-...	ZX-32-SG-...	ZX-40-SG-...	ZX-50-SG-...	ZX-63-SG-...
Piston Ø (mm)	25	32	40	50	63
Connection	G1/8	G1/8	G1/4	G3/8	G3/8
Cushioning length (mm)	24	28	36	45	59
Weight 0 mm stroke	1.31	2.09	3.58	7.28	11.02
(kg) each 100 mm stroke	0.30	0.39	0.52	0.96	1.32
max. stroke (mm)	6.000	10.500	10.500	5.910	5.860

Dimensions



* only for ZX-32-SG

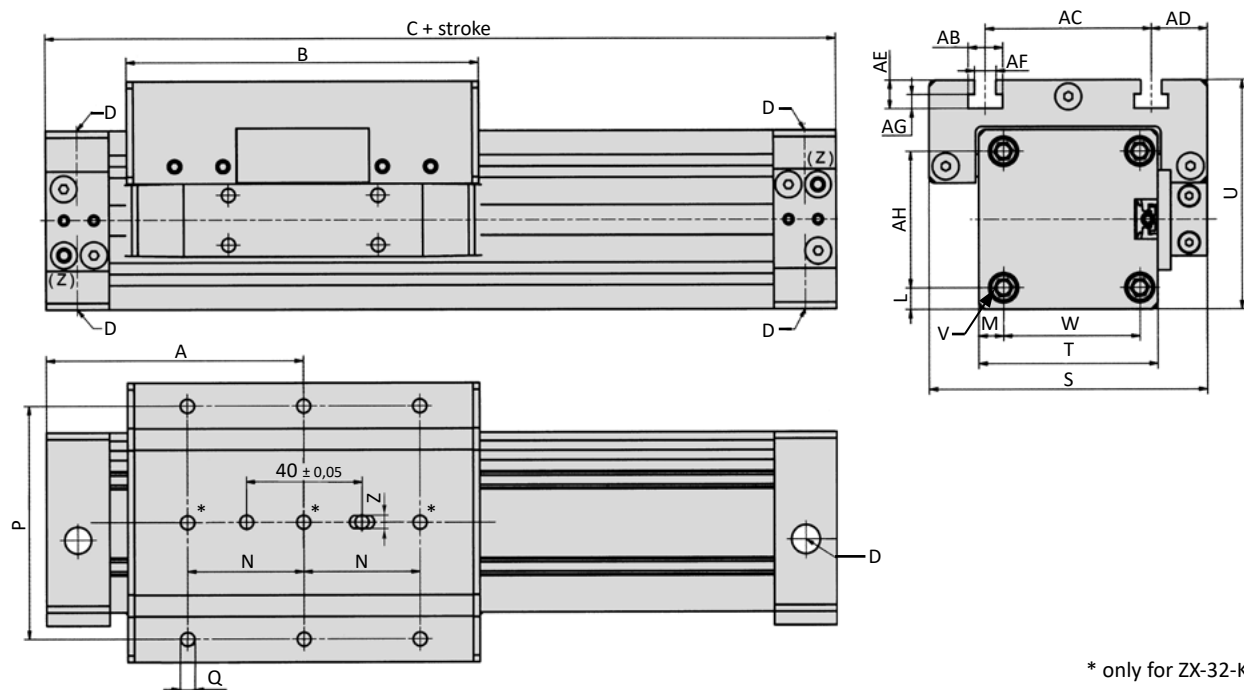
Piston Ø	A	B	C	D	L	M	N	P	Q	S	T
25	100	159	200	G1/8	4.5	4.5	30	30	M5 x 8	75	45
32	120	191	240	G1/8	6.5	7.5	35	70	M5 x 11	83.8	54
40	150	246	300	G1/4	7.5	7.5	55	55	M6 x 12	100	64
50	175	270	350	G3/8	12.5	12.5	50	42	M8 x 16	133	90
63	200	320	400	G3/8	14	14	60	60	M8 x 16	150	106

Piston Ø	U	V	W	Z	AB	AC	AD	AE	AF	AG	AH
25	59	M4 x 11	36	4 x 4.4	10.4	50	12.5	8.6	6.4	4.3	36
32	69	M5 x 11	41	4 x 4.4	10.4	50	16.9	8.6	6.4	4.3	41
40	79	M6 x 12	49	6 x 6.4	10.4	80	10	8.6	6.4	4.3	49
50	112.5	M8 x 17	65	6 x 6.4	10.4	94	23	8.6	6.4	4.3	65
63	134.5	M8 x 17	78	6 x 6.4	10.4	110	24	8.6	6.4	4.3	78
				+0.2							

Technical data

Model-no.:	ZX-25-KG-...	ZX-32-KG-...	ZX-40-KG-...	ZX-50-KG-...	ZX-63-KG-...
Piston Ø (mm)	25	32	40	50	63
Connection	G1/8	G1/8	G1/4	G3/8	G3/8
Cushioning length (mm)	24	28	36	45	59
Weight 0 mm stroke	0.88	1.35	2.30	4.63	7.10
(kg) each 100 mm stroke	0.30	0.39	0.52	0.96	1.32
max. stroke (mm)	6.000	10.500	10.500	6.000	6.000

Dimensions



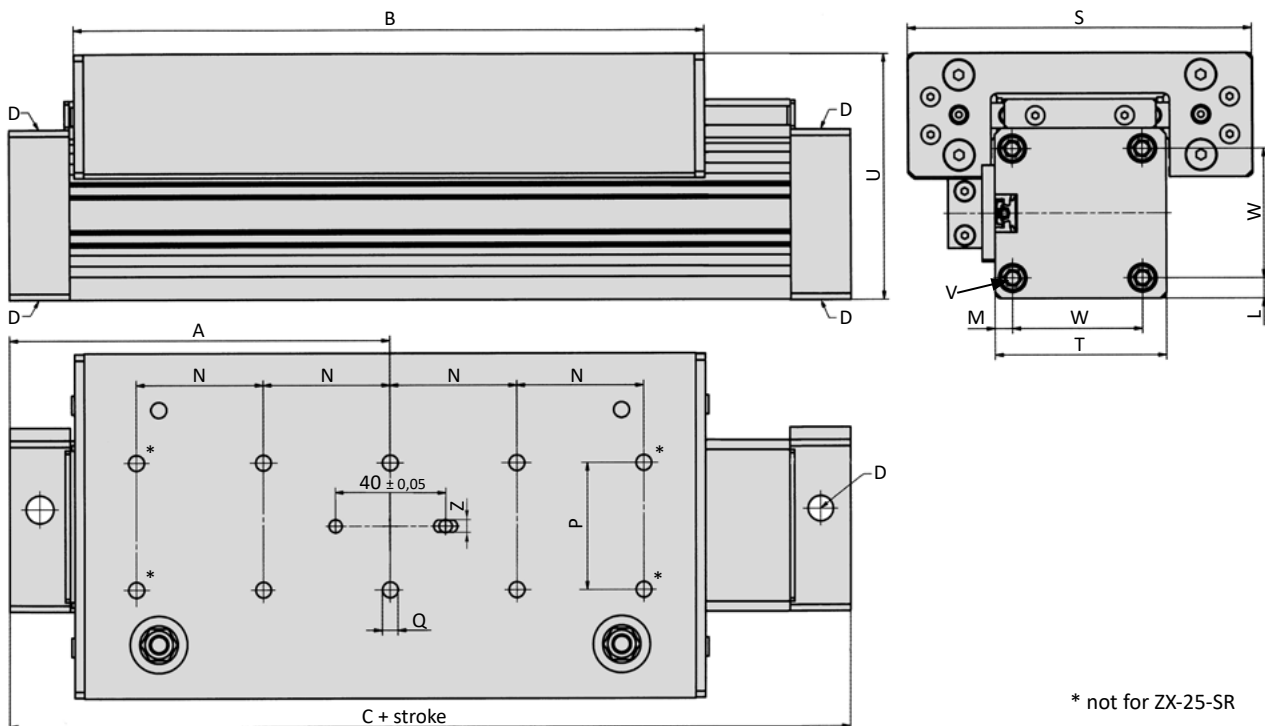
Piston Ø	A	B	C	D	L	M	N	P	Q	S	T
25	67.5	94	135	G1/8	4.5	4.5	30	30	M5 x 8	75	45
32	77.5	106	155	G1/8	6.5	7.5	35	70	M5 x 11	83.8	54
40	95	136	190	G1/4	7.5	7.5	55	55	M6 x 12	100	64
50	105	148	210	G3/8	12.5	12.5	50	42	M8 x 16	133	90
63	125	180	250	G3/8	14	14	60	60	M8 x 16	150	106

Piston Ø	U	V	W	Z	AB	AC	AD	AE	AF	AG	AH
25	59	M4 x 11	36	4 x 4.4	10.4	50	12.5	8.6	6.4	4.3	36
32	69	M5 x 11	41	4 x 4.4	10.4	50	16.9	8.6	6.4	4.3	41
40	79	M6 x 12	49	6 x 6.4	10.4	80	10	8.6	6.4	4.3	49
50	112.5	M8 x 17	65	6 x 6.4	10.4	94	23	8.6	6.4	4.3	65
63	134.5	M8 x 17	78	6 x 6.4	10.4	110	24	8.6	6.4	4.3	78
				+0.2							

Technical data

Model-no.:	ZX-25-SR-...	ZX-32-SR-...	ZX-40-SR-...
Piston Ø (mm)	25	32	40
Connection	G1/8	G1/8	G1/4
Cushioning length (mm)	24	28	36
Weight 0 mm stroke	1.97	2.96	5.89
(kg) each 100 mm stroke	0.42	0.48	0.74
max. stroke (mm)	6.000	6.000	5.950

Dimensions



* not for ZX-25-SR

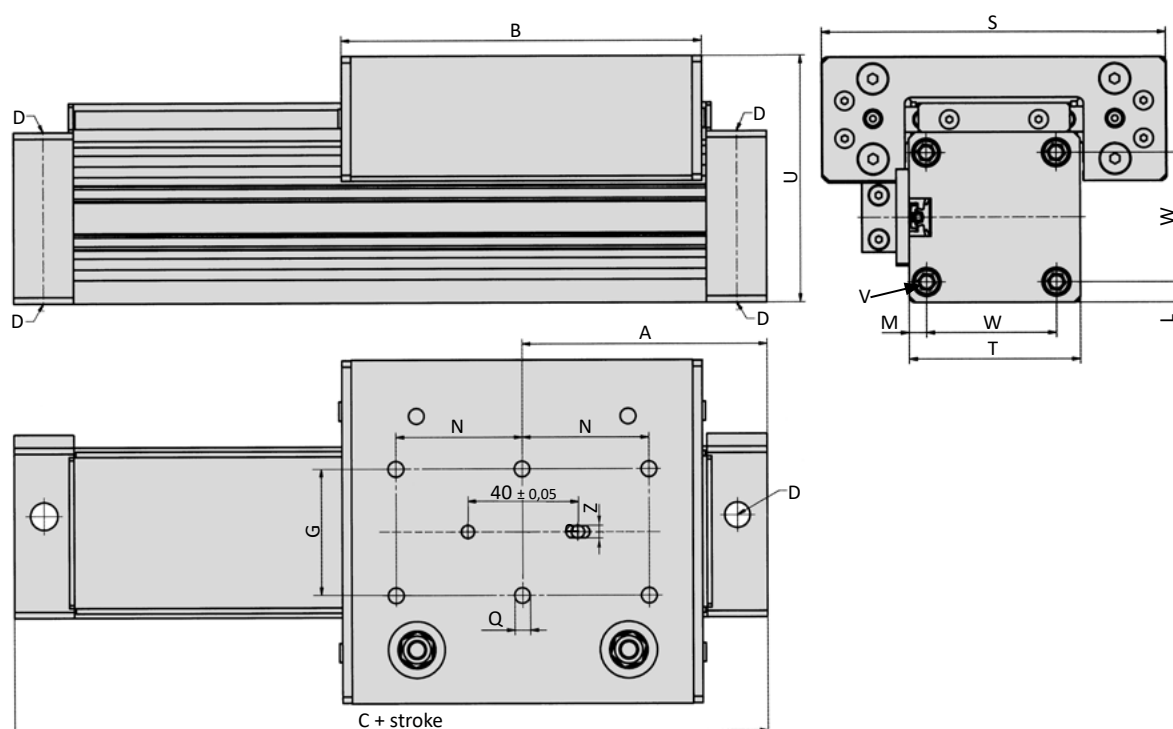
Piston Ø	A	B	C	D	L	M	N	P
25	100	160	200	G1/8	4.5	4.5	40	40
32	120	201	240	G1/8	6.5	5.5	40	40
40	150	252	300	G1/4	7.5	7.5	55	55

Piston Ø	Q	S	T	U	V	W	Z
25	M5 x 7.5	97	45	68.2	M4 x 11	36	4 x 4.4
32	M6 x 9	108.8	54	78	M5 x 11	41	4 x 4.4
40	M6 x 12	145	64	90.5	M6 x 12	49	6 x 6.4
							+0.2

Technical data

Model-no.:	ZX-25-KR-...	ZX-32-KR-...	ZX-40-KR-...
Piston Ø (mm)	25	32	40
Connection	G1/8	G1/8	G1/4
Cushioning length (mm)	24	28	36
Weight 0 mm stroke	1.33	1.91	3.84
(kg) each 100 mm stroke	0.42	0.48	0.74
max. stroke (mm)	6.000	6.000	6.000

Dimensions



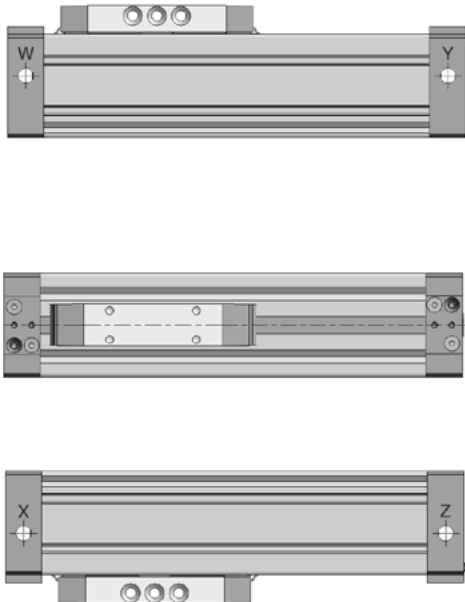
Piston Ø	A	B	C	D	L	M	N	P
25	67.5	95	135	G1/8	4.5	4.5	20	40
32	77.5	115	155	G1/8	6.5	5.5	40	40
40	95	143.5	190	G1/4	7.5	7.5	55	55

Piston Ø	Q	S	T	U	V	W	Z
25	M5 x 7.5	97	45	68.2	M4 x 11	36	4 x 4.4
32	M6 x 9	108.8	54	78	M5 x 11	41	4 x 4.4
40	M6 x 12	145	64	90.5	M6 x 12	49	6 x 6.4
							+0.2

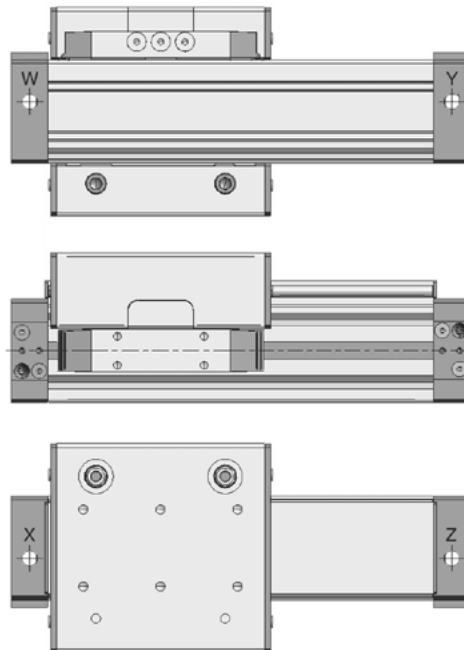
Series ZX

Option -01 Air connection on each end

without guide



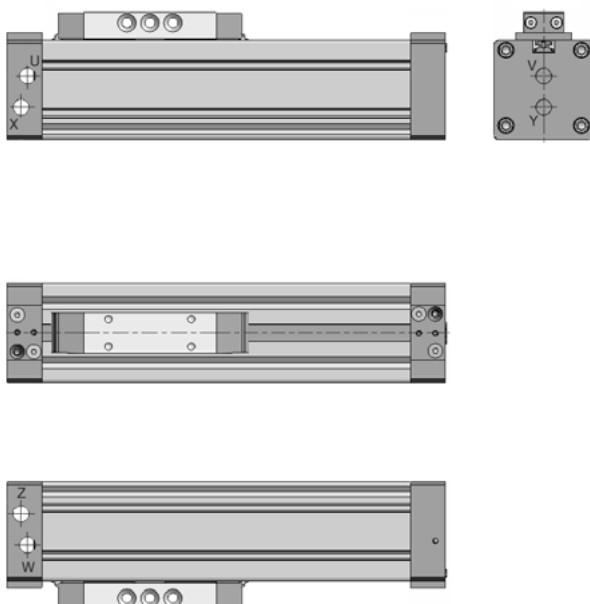
with guide



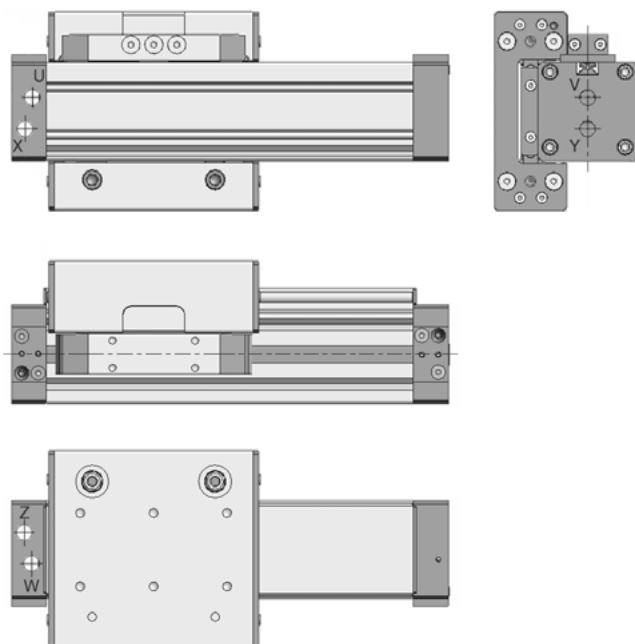
Option -01 cylinder comes with two pressure connections (ports W-X and ports Y-Z respectively) on each end. User is required to select one of two pressure connections on each end. Second port will require the installation of a sealing plug (2 plugs are supplied).

Option -02 Air connection on one end

without guide



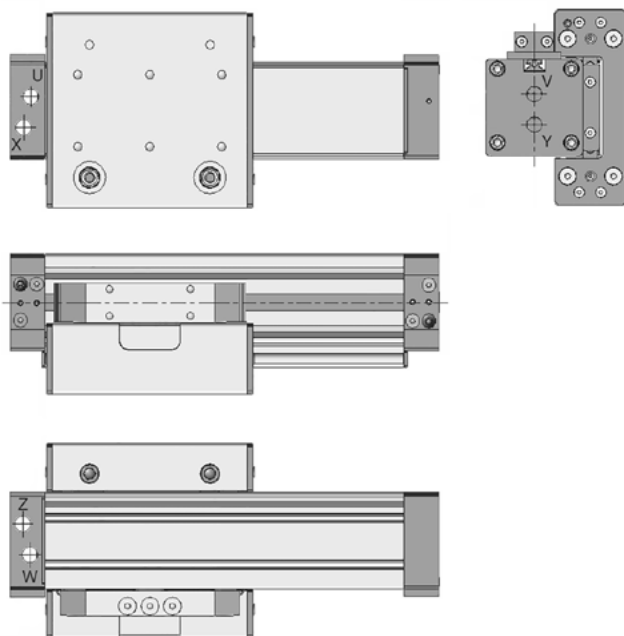
with guide



One cylinder head is supplied with 6 ports (3 for each direction, ports U-V-W air travels in one direction and ports X-Y-Z air travels in the opposite direction). User is required to select one of three pressure connections for each direction. The second and third ports will require the installation of a sealing plug (4 plugs are supplied).

With this option the slide guide is mounted on the left side of the piston driver.

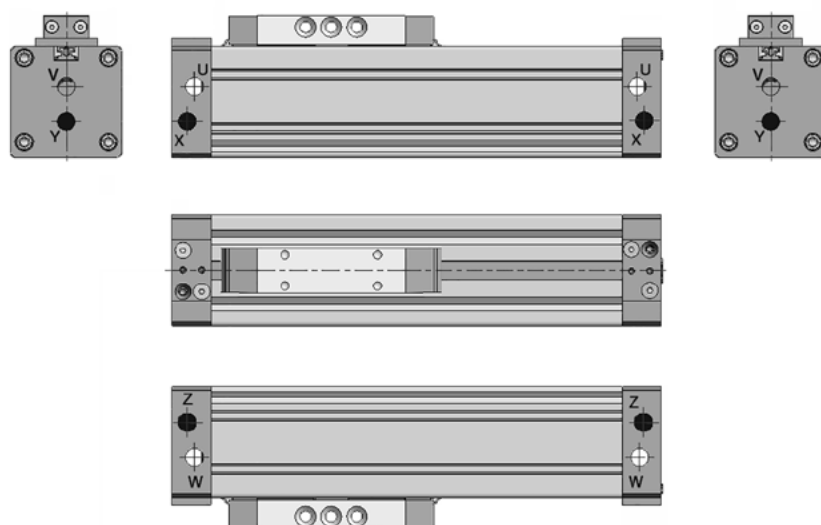
Ports V and Y must be plugged when using a head mount.

Option -03 Air connection on one end
with guide


One cylinder head is supplied with 6 ports (3 for each direction, ports U-V-W air travels in one direction and ports X-Y-Z air travels in the opposite direction). User is required to select one of three pressure connections for each direction. The second and third ports will require the installation of a sealing plug (4 plugs are supplied).

With this option the slide guide is mounted on the right side of the piston driver.

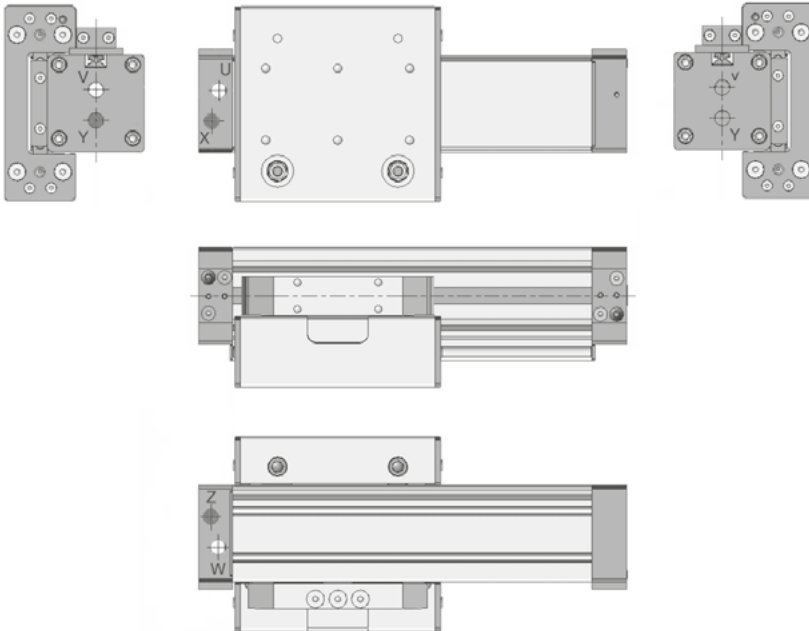
Ports V and Y must be plugged when using a head mount.

Option -04 Air connection on both face ends
without guide


Series ZX

Option -04 Air connection on both face ends

with guide

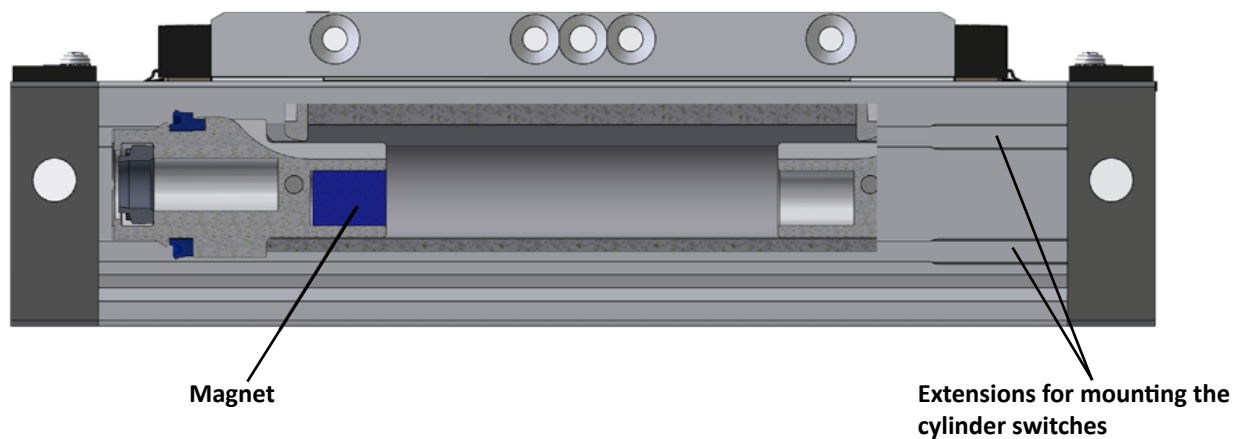


Option -04 enables to connect pressure at both face ends or one face and one side port.

Therefore the head with 6 ports from option -02 is used at both ends. Now it is possible to use the upper ports (U-V-W). The lower ports (X-Y-Z) are plugged.

This option is for using ports at both cylinder heads only.

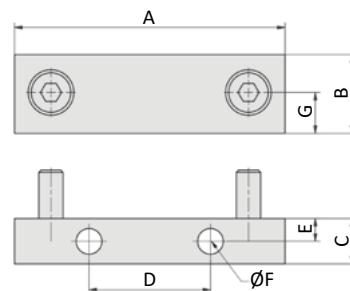
Position enquiry



The magnet for position sensing is not located in the centre of the piston on Series ZX cylinders. During installation, the piston is inserted into the cylinder barrel with the magnet at the front on the side of the extended T-slots, resulting in the position shown.

Series ZX Mounting parts

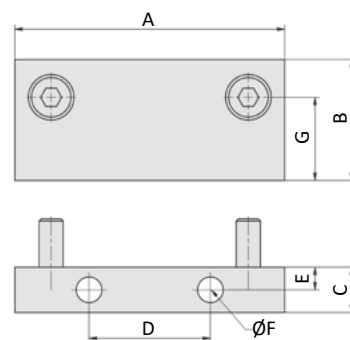
ZXB-xx-01 Head mount



Model-no.:	A	B	C	D	E	Ø F	G
ZXB-25-01	45	10	10	22	5	5.5	4.5
ZXB-32-01	51	16	15	25	7.5	7	7.5
ZXB-40-01	64	16	15	25	7.5	9	7.5
ZXB-50-01	89	26	15	40	7.5	8.5	12.5
ZXB-63-01	105	29	15	50	7.5	8.5	14

Screws to mount the head mount to the cylinder are included.
The face ports must be plugged when using a head mount.

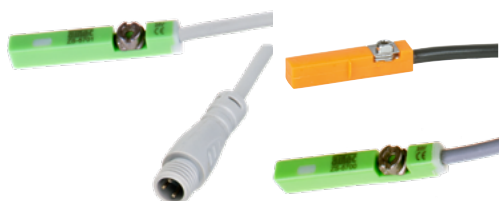
ZXB-xx-02 Head mount, tall



Model-no.:	A	B	C	D	E	Ø F	G
ZXB-25-02	45	18	15	22	5	5.5	12.5
ZXB-32-02	51	34	15	25	7.5	7	16.5
ZXB-40-02	64	26	15	25	7.5	9	17.5
ZXB-50-02	89	40	15	40	7.5	8.5	27.5
ZXB-63-02	105	40	15	50	7.5	8.5	29

Screws to mount the head mount to the cylinder are included.
The face ports must be plugged when using a head mount.

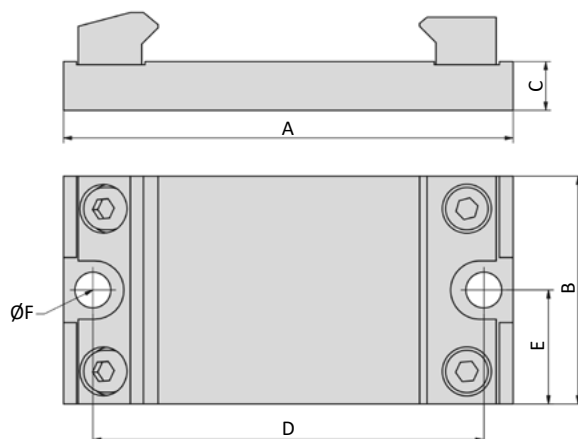
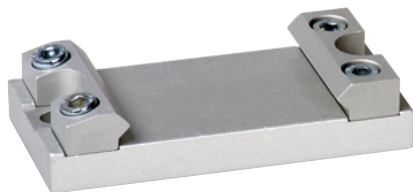
Proximity sensors



Series ZX

Mounting parts

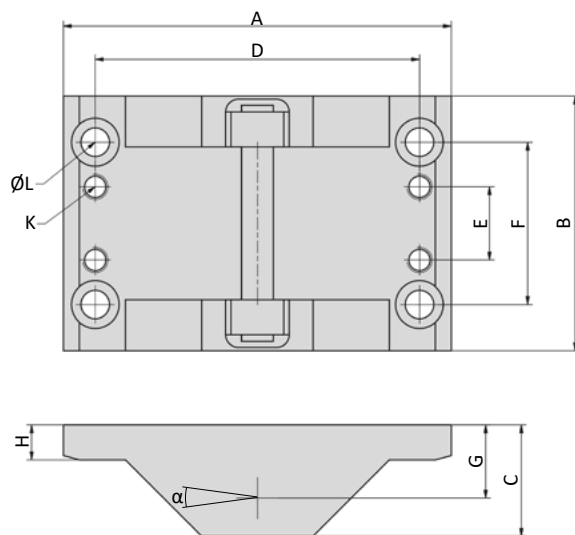
ZXB-xx-10 Center mount



Model-no.:	A	B	C	D	E	ØF
ZXB-25-10	70	35	8	60	30	5.5
ZXB-32-10*	85	40	10	73	36.5	6.6
ZXB-32-11*	105	40	10	90.5	45.25	9
ZXB-40-10	138	70	15	120	60	11
ZXB-50-10	154	70	15	136	68	11

*The model ZXB-32-10 is only suitable for bottom mount. For side mounting and versions SG, KG, SR and KR please use center mount ZXB-32-11.

ZXB-xx-20 Alignment coupler

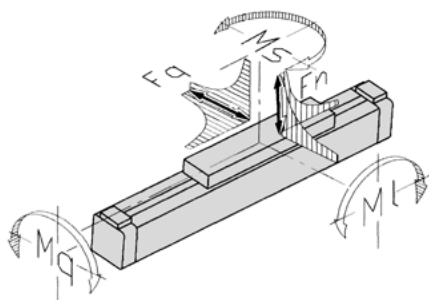


Model-no.:	Cylinder Ø	A	B	C	D	E	F	G	H	K	ØL	α
ZXB-25-20	25	80	54	24	66	20	40	18 ... 20	8	M6	6.5	16°
ZXB-25-20	32	80	54	24	66	20	40	17.9 ... 18.9	8	M6	6.5	12°
ZXB-40-20	40	80	54	24	66	20	40	18 ... 20	8	M6	6.5	9°-12°
ZXB-50-20	50	122	80	35	102	23	51	23 ... 25	11	M8	9	7°-10°
ZXB-50-20	63	122	80	35	102	23	51	23 ... 25	11	M8	9	5°-9°

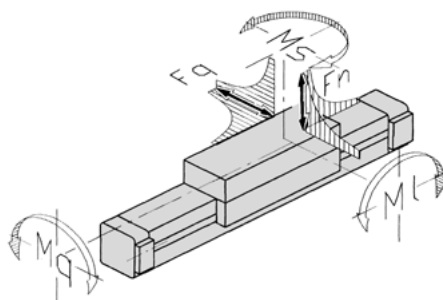
The alignment coupler is designed to be used with external guide systems. This coupler compensates for the mis-alignment between the rodless cylinder and the external guide system (supplied by customer). For use with cylinder series ZX-K and ZX-S.

Forces and torques

ZX-xx-K, ZX-xx-S



ZX-xx-KG, ZX-xx-SG, ZX-xx-KR, ZX-xx-SR



Model-no.:	Force (N) at 6 bar	$F_{n_{max}}$ (N)	$F_{q_{max}}$ (N)	$M_{l_{max}}$ (Nm)	$M_{q_{max}}$ (Nm)	$M_{s_{max}}$ (Nm)
ZX-25-S	255	270	-	13	2.5	11
ZX-25-K	255	270	-	8	2.0	7
ZX-25-SG	250	580	580	23	10.0	23
ZX-25-KG	250	340	340	9	5.0	9
ZX-25-SR	250	850	1300	65	35.0	105
ZX-25-KR	250	850	1300	29	35.0	64
ZX-32-S	420	300	-	30	3.0	24
ZX-32-K	420	300	-	15	3.0	12
ZX-32-SG	410	850	850	33	15.0	33
ZX-32-KG	410	460	460	14	6.5	14
ZX-32-SR	410	900	1500	79	40.0	125
ZX-32-KR	410	900	1500	36	40.0	76
ZX-40-S	655	650	-	60	4.0	54
ZX-40-K	655	650	-	30	4.0	27
ZX-40-SG	640	1120	1120	60	25.0	60
ZX-40-KG	640	600	600	25	11.0	25
ZX-40-SR	640	1200	2000	190	45.0	118
ZX-40-KR	640	1200	2000	85	45.0	72
ZX-50-S	1000	800	-	80	17.0	74
ZX-50-K	1000	800	-	38	17.0	32
ZX-50-SG	1000	1550	1500	200	70.0	200
ZX-50-KG	1000	820	800	60	40.0	60
ZX-63-S	1600	1400	-	110	17.0	100
ZX-63-K	1600	1400	-	50	17.0	48
ZX-63-SG	1600	2000	2000	300	102.0	300
ZX-63-KG	1600	1100	1100	105	56.0	105

The mounting surface of the assembled mass should not exceed a straightness tolerance of 0.1 mm to avoid additional tension or clearance in the guiding system.

Complex loads

If more than one force and torque appear simultaneously, they have to be calculated by the formula:

$$\frac{F_n}{F_{n_{max}}} + \frac{F_q}{F_{q_{max}}} + \frac{M_l}{M_{l_{max}}} + \frac{M_q}{M_{q_{max}}} + \frac{M_s}{M_{s_{max}}} \leq 1$$

Information on forces and torques refers to speeds for slide guides (series S, K, SG and KG) of ≤ 0.2 m/s and speeds for roller guides (series SR and KR) of ≤ 2 m/s. Where speeds exceed 0.2 m/s the permissible values of the slide guides are to be multiplied by the loading coefficient (see table below).

The information on torques refers to the center point of the slide which, in the case of the ZX-S and ZX-K cylinders, is the center of the tube. In versions with slide guides, the center point of the guide is in the slide.

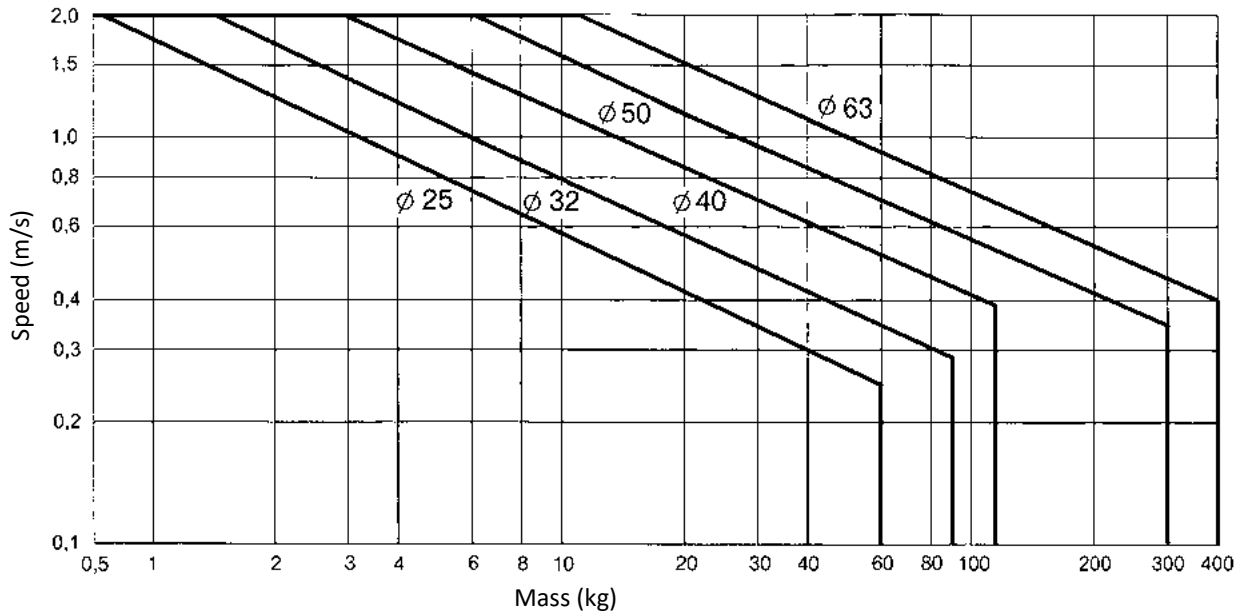
v (m/s)	0.2	0.3	0.4	0.5	0.75	1
Factor	1	0.75	0.5	0.4	0.27	0.2

Series ZX

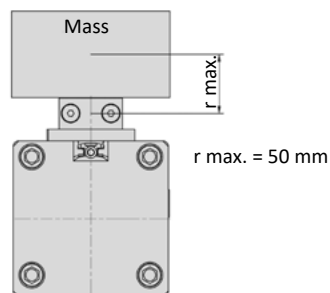
Cushioning diagram

If the application is out of the diagram range, an external shock absorber is required. The mounting position of shock absorbers must be close to the center of the mass.

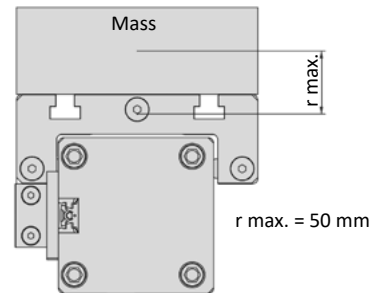
The data applies to a horizontal mounting position.



ZX-xx-K, ZX-xx-S

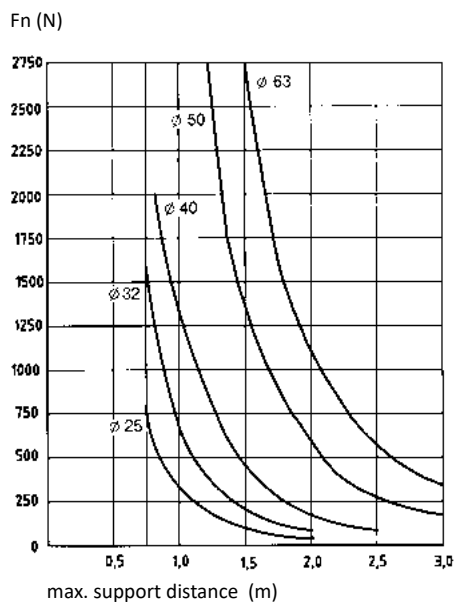


ZX-xx-KG, ZX-xx-SG, ZX-xx-KR, ZX-xx-SR

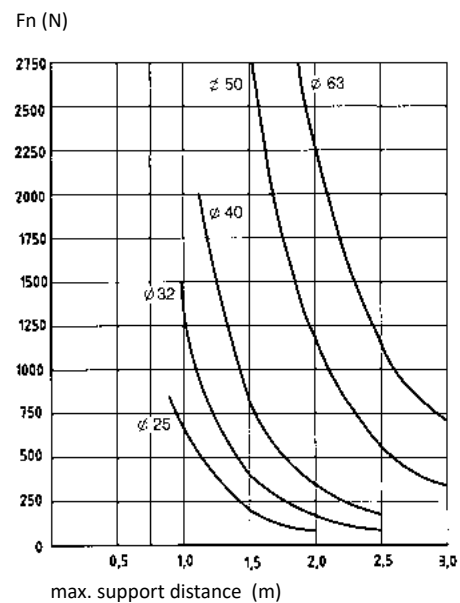


Deflection

Deflection 0,5 mm



Deflection 1 mm

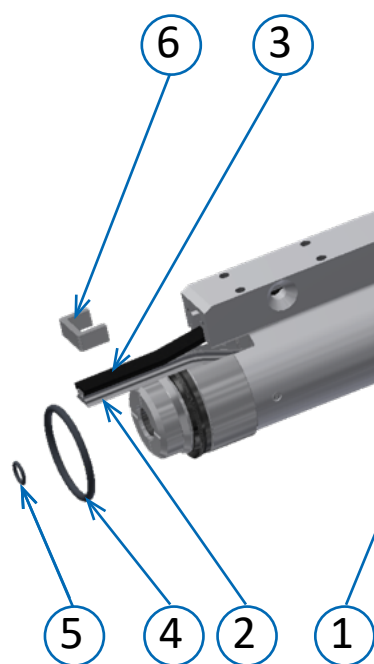


Order code

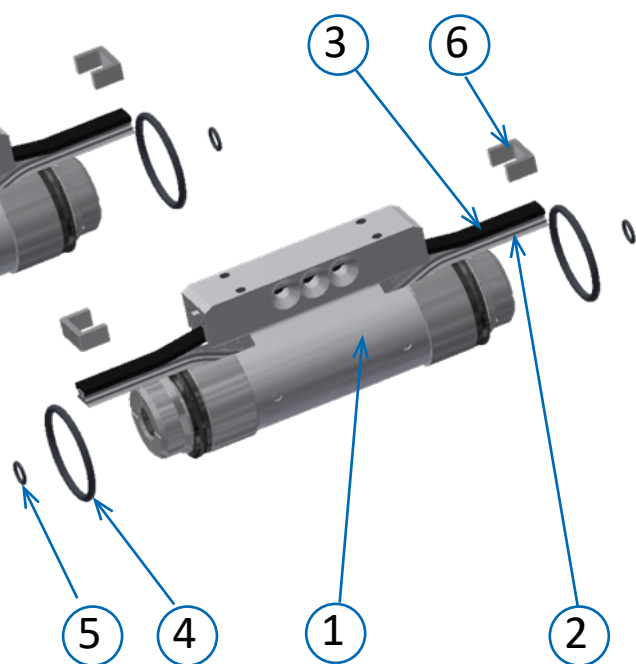
ZXV-**-****-**-**			
Series		Versions	
ZXV repair kit for series ZX		01	for standard version ZX-S, ZX-SG, ZX-SR
		02	for short version ZX-K, ZX-KG, ZX-KR
		03	for all cylinders manufactured from 2019 forward
Piston-Ø		Stroke lengths	
25	25 mm	0500	0 - 500 mm
32	32 mm	1000	501 - 1000 mm
40	40 mm	1500	1001 - 1500 mm
50	50 mm	2000	1501 - 2000 mm
63	63 mm	3000	2001 - 3000 mm
		4000	3001 - 4000 mm
		5000	4001 - 5000 mm
		6000	5001 - 6000 mm

Content

Version 01



Version 02



Version 01

Position	Part	Quantity
1	piston carrier, long version with seals	1
2	sealing band	1
3	cover band	1
4	O-ring	2
5	O-ring	2
6	felt, U-shaped	2
7	grease	1

Version 02

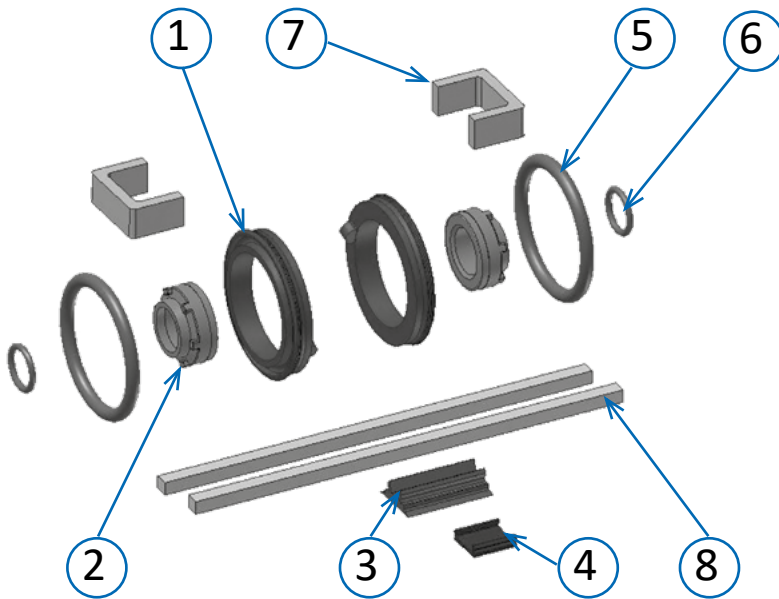
Position	Part	Quantity
1	piston carrier, short version with seals	1
2	sealing band	1
3	cover band	1
4	O-ring	2
5	O-ring	2
6	felt, U-shaped	2
7	grease	1

Series ZX

Repair kits

Content

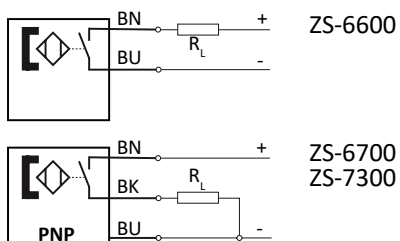
Version 03



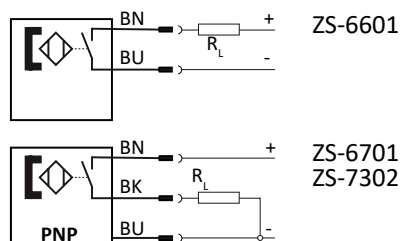
Version 03

Position	Part	Quantity
1	piston seal	2
2	cushion seal	2
3	sealing band	1
4	cover band	1
5	O-ring	2
6	O-ring	2
7	felt, U-shaped	2
8	felt, piston carrier	2
9	grease	1

Proximity sensors with cable



Proximity sensors with plug



Technical data

Model-no.:	ZS-6600	ZS-6601	ZS-6700	ZS-6701
Design	2-pole inductive	2-pole inductive	3-pole inductive	3-pole inductive
Contact function	NO	NO	NO	NO
Output	NO	NO	PNP	PNP
Rated operational voltage	10 ... 30 V DC	10 ... 30 V DC	5 ... 30 V DC	5 ... 30 V DC
Rated operational current I_E	≤ 50 mA	≤ 50 mA	≤ 100 mA	≤ 100 mA
Max. voltage drop at I_E	≤ 2.65	≤ 2.65	≤ 1.0	≤ 1.0
Breaking capacity	1,4 W	1,4 W	3 W	3 W
Sensitivity	40 ~ 800 Gauss	40 ~ 800 Gauss	40 ~ 800 Gauss	40 ~ 800 Gauss
Cable length	3 m	0.3 m with M8 connection	3 m	0.3 m with M8 connection
Reverse polarity protection	nein	nein	ja	ja
Temperature range	-10 ... +70°C	-10 ... +70°C	-10 ... +70°C	-10 ... +70°C
Protection	IP 67	IP 67	IP 67	IP 67
Switching status indication	LED red	LED red	LED red	LED red

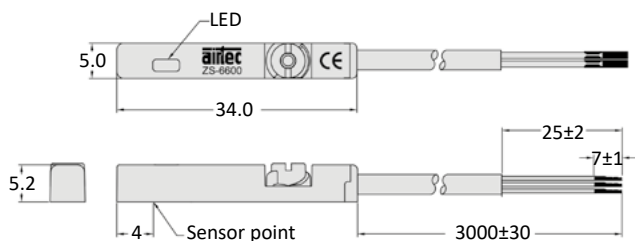
Model-no.:	ZS-7300	ZS-7302
Design	3-pole inductive	3-pole inductive
Contact function	NO	NO
Output	PNP	PNP
Rated operational voltage	10 ... 30 V DC	10 ... 30 V DC
Rated operational current I_E	≤ 100 mA	≤ 100 mA
Max. voltage drop at I_E	≤ 2.5	≤ 2.5
Breaking capacity	3 W	3 W
Cable length	6 m	0.3 m with M12 connection
Temperature range	-20 ... +60°C	-20 ... +60°C
Protection	IP 67	IP 67
Switching status indication	LED yellow	LED yellow
	II 3G Ex nA T4 II 3D Ex tD A22 IP67 T 125°C	II 3D Ex tc IIIC T125°C Dc X

Series ZS

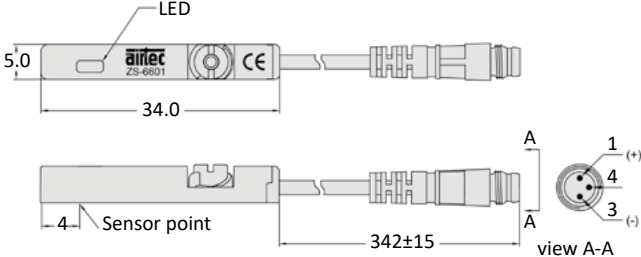
Proximity sensors

Dimensions

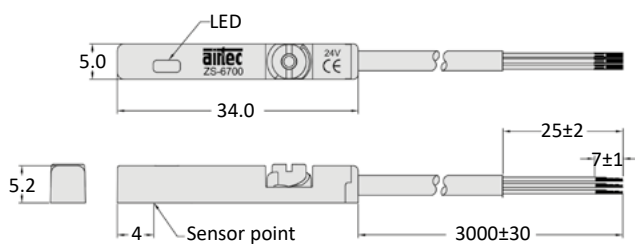
ZS-6600



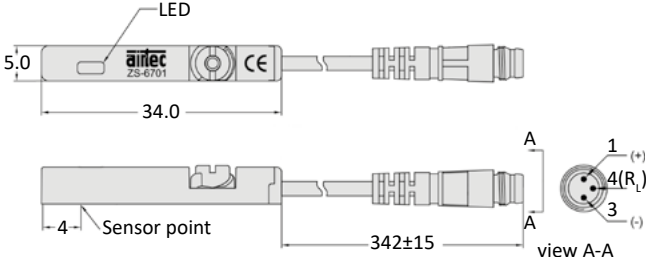
ZS-6601



ZS-6700



ZS-6701



Mounting

The sensors are mounted at the groove of the cylinder profile. It is fixed by turning the fixing screw at the sensor clockwise. The cover stripe XLB-011 (see below) can be used for protecting the sensor cable.

A direct sensor mounting is possible for following series:

Series SLX, Series XL, Series 88-XSI

Cover for sensor groove

Model-no.:	XLB-011
Design	plastic profile, 50 cm length, blue
For series	XL, NXD, NXE, NYD, NYE, NYSE, LX



Connection cable M8

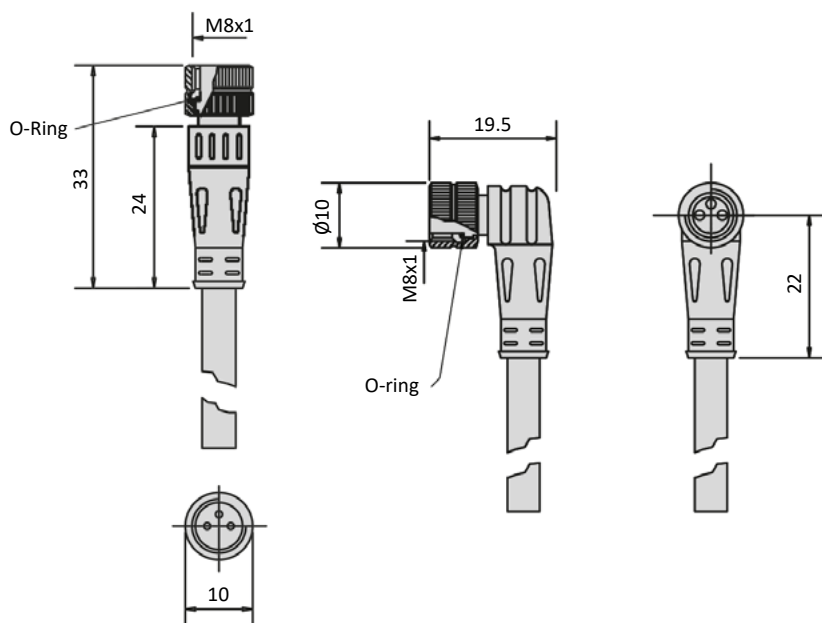
Contacts	M8 Plug socket
Protection	IP 67 according to EN 60529 in conjunction with suitable connection plug
Duty cycle	100 %
Temperature range*	-25°C...+90°C
max. voltage	60 V AC / DC
Use for	Solenoids with M8 plug, cylinder switch with M8 plug



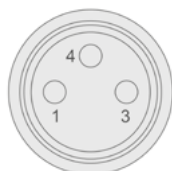
Model-no.:	KA-10-01	KA-30-01	KA-50-01	KA-100-01
Contacts	M8 Socket, straight	M8 Socket, straight	M8 Socket, straight	M8 Socket, straight
Mounting	Coupling nut	Coupling nut	Coupling nut	Coupling nut
Cable	3-pin	3-pin	3-pin	3-pin
Length (L)	1 m	3 m	5 m	10 m

Model-no.:	KA-11-01	KA-31-01	KA-51-01	KA-101-01
Contacts	M8 Socket, elbow 90°	M8 Socket, elbow 90°	M8 Socket, elbow 90°	M8 Socket, elbow 90°
Mounting	Coupling nut	Coupling nut	Coupling nut	Coupling nut
Cable	3-pin	3-pin	3-pin	3-pin
Length (L)	1 m	3 m	5 m	10 m

Dimensions



Pin assignment



1 = brown
3 = blue
4 = black



Cylinders

Rodless cylinders series ZX

Device marking

ZX-cylinder are marked as follows:

 II 2G Ex h IIC T6 Gb
-10°C ≤ T_{amb} ≤ 60°C

Marking according to DIN EN ISO 80079-36/ -37.

Rodless cylinders conform to Equipment category 2G and can be used in Zone 1.

Available rodless cylinders

Series	Versions
ZX	ZX-Ø-S, ZX-Ø-K, ZX-Ø-SG, ZX-Ø-KG, ZX-Ø-SR, ZX-Ø-KR,

Rodless cylinders

Rodless cylinders according ATEX are marked with following suffix:

-EX
-X

Accessories for rodless cylinders

The cylinders are intended to be used with the following accessories:

Accessories	series
Mounting accessories ZX	ZXB-Ø-01, ZXB-Ø-02, ZXB-Ø-10, ZXB-Ø-20

Proximity switches

Model-No.	Classification / Identification marking
ZS-7300	 II 3G Ex nA T4 II 3D Ex tD A22 IP67 T 125°C
ZS-7302	 II 3D Ex tc IIC T125°C Dc X



The operating instructions for the valve and the electrical equipment must be taken into account before putting into operation. These are included with each valve and are available at www.airtec.de.