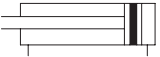
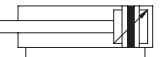


Standard executions

Version	Symbol	Type
Magnetic		MDMX
Magnetic with adjustable cushionings (bore from 20 to 25 mm)		MDMAX



II 2Gc IIC T5
II 2Dc T100°C

On request, they can be supplied according to 2014/34/EU - **ATEX**



Options	Suffix
Through rod	P
Seals FKM -20°C ÷ +150°C	V
Special version on request	/ S

The options can be combined (when this is possible).

Series of stainless steel cylinders conforming to ISO 6432 standards.

The heads are connected with the tube through rolling; this guarantees perfect tightening.

The cushionings are in nitrile rubber to relieve the impact of the piston.

One or more magnetic reed switches can be applied to the magnetic type.

For the magnetic reed switches type ASV see from page 1.110.1.

For mounting accessories see from page 5.30.1.

For rod clevis see from page 5.20.1.

How to order: 20/50 MDMXP

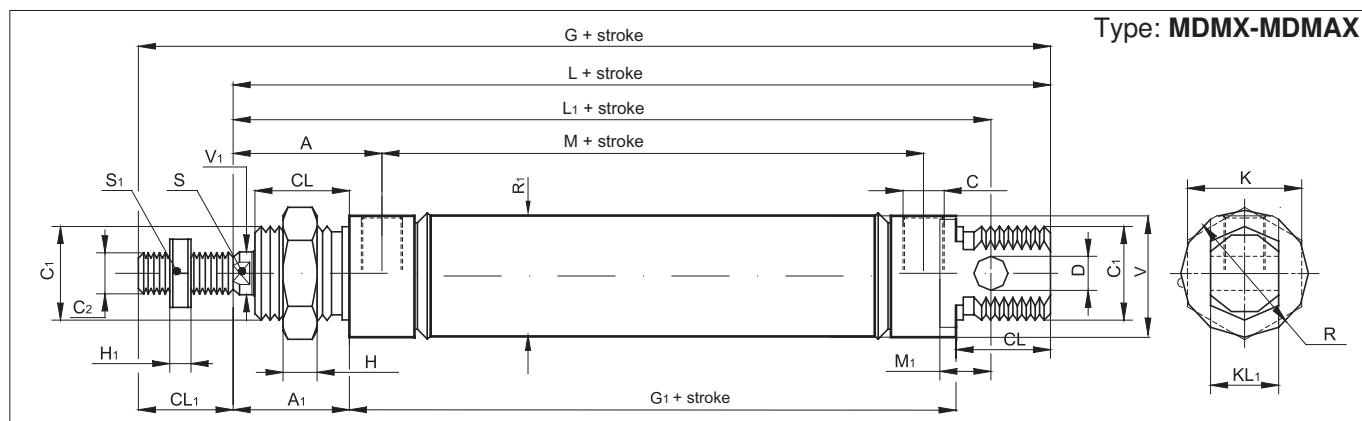
20	/	50	MDMX	P
Bore	/	Stroke	Type	Option

Technical data

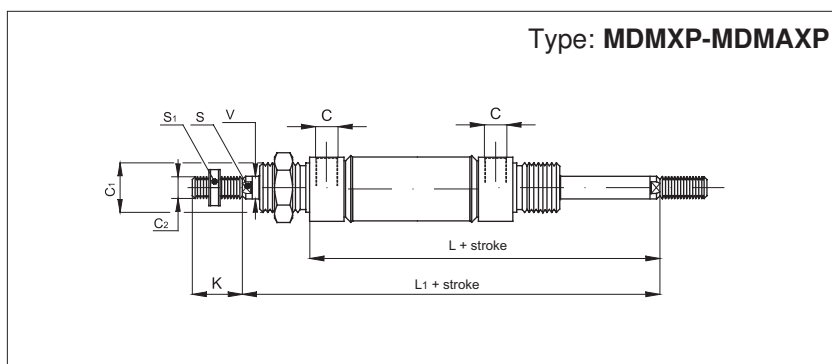
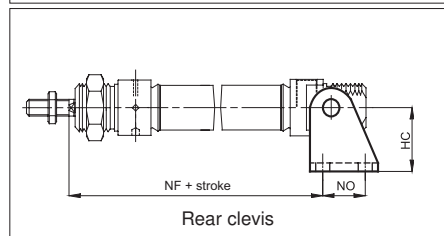
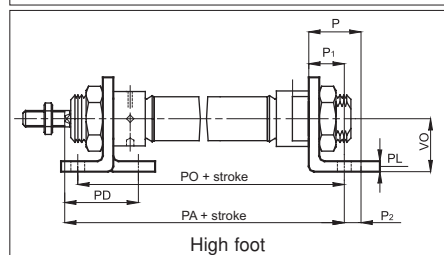
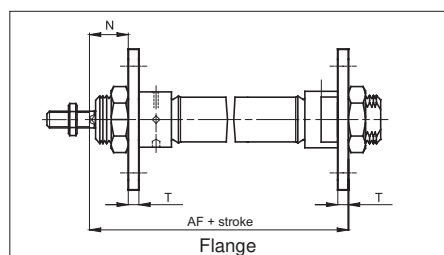
Fluid	Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.		
Pressure	max 10 bar		
Temperature range	-20°C ÷ + 80°C (standard)		-20°C ÷ +150°C (V)
Materials	Heads: Stainless steel AISI 316 Barrel: Stainless steel AISI 304 Rod: Stainless steel AISI 316 Seal: Polyurethane - Bronze bushing: Sintered bronze - Piston: brass		

Bore (mm)	Corse standard (mm)	Maximum stroke (mm)
16	10, 25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500	1000
20		
25		

See page 1.1.3 to calculate the cylinder force.
Seal kits not available for these cylinders.



$\emptyset$ mm	C2	V ₁	C ₁	R	KL ₁	R ₁	V	D	CL ₁	L ₁	L	M	G ₁	A ₁	CL	A	M ₁	S	C	G	K	H	H ₁	S ₁
16	M6	6	M16x1,5	20	12	17,27	19	6	16	82	96	46	56	22	18	27	9	5	M5	112	24	6	3	10
20	M8	8	M22x1,5	27	16	21,27	25,5	8	20	95	111	51	67	24	20	32	12	7	1/8"	131	27	8	4	13
25	M10x1,25	10	M22x1,5	30	16	26,5	28	8	22	104	118	52	67	29	22	37	12	9	1/8"	140	27	8	5	17

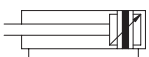


$\emptyset$ mm	L	L ₁	C	C ₁	C ₂	S	S ₁	V	K
16	74,5	96,5	M5	M16x1,5	M6	5	10	6	16
20	92	116	1/8"	M22x1,5	M8	7	13	8	20
25	97	125	1/8"	M22x1,5	M10x1,25	9	17	10	22

$\emptyset$ mm	AF	HC	P	P ₁	P ₂	PA	PD	PL	PO	T	VO	N
16	82	27	20	14	6	92	32	4	84	4	20	18
20	97	30	25	17	8	109	36	5	102	5	25	19
25	102,5	30	25	17	8	114,5	40	5	103,5	5	25	23

For dimensions and codes of the accessories see page 5.30.1

Standard executions

Version	Symbol	Type
Magnetic Standard		AMX

For the magnetic reed switches type ASV see from page 1.110.1.
For coupling cylinders/reed switches/brackets see table on page 1.120.5

For mounting accessories see from page 5.40.1

For rod accessories see from page 5.20.1.



II 2Gc IIC T5
II 2Dc T100°C

On request, they can be supplied according to 2014/34/EU - **ATEX**



Lubrication with synthetic grease long lasting for applications with low start up, granting low friction and a permanent lubrication film.
Fully composed by non-toxic elements conforming to directive FDA section 21 CFR 178 about accidental contact with food (registered NSF H1).



New series of stainless steel 316 L cylinders conforming to ISO15552.

Round tube and external tie-rods, standard with adjustable cushionings.

Scraper ring in polyurethane specially developed for chemical and food industries.

The main features of this cylinder are the "clean" modern design and the attention to details.

A particular attention has been given to the manufacture of the end caps; there are no external casting cavities, thus eliminating contamination traps.

In order to facilitate the replacement of the piston rod seal the nose has been developed for simple maintenances also on cylinders still mounted on a machine.

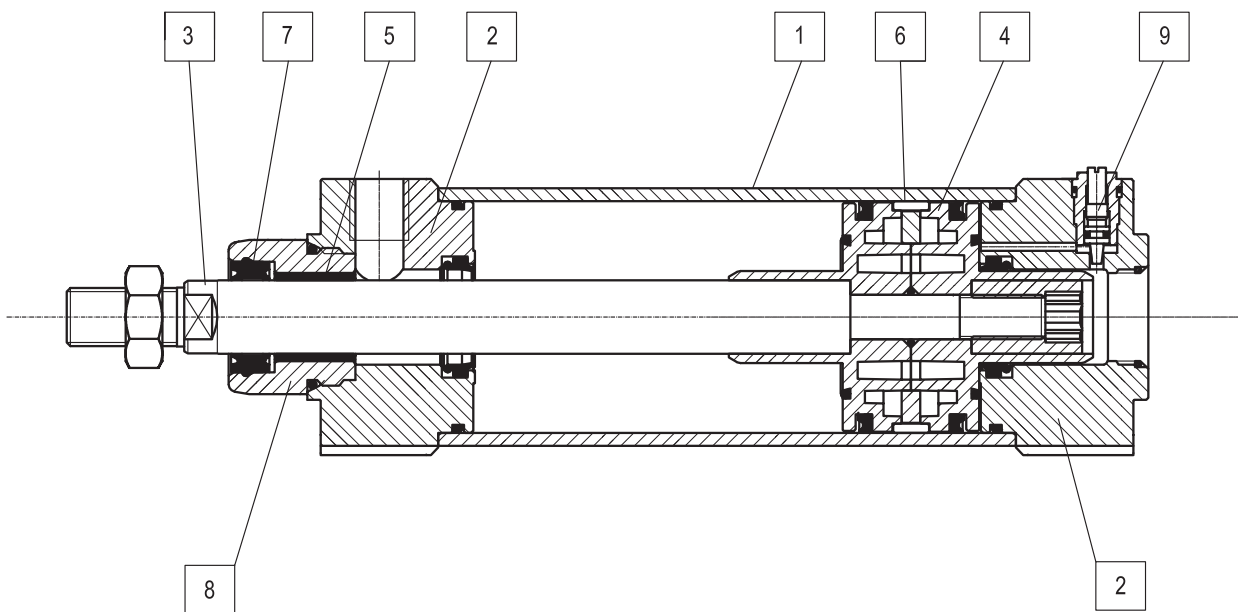
Options	Suffix
Through rod (pag. 5.5.4)	P
Seals FKM -20°C ÷ +150°C	V
Scraper ring only FKM -20°C ÷ +80°C	V1
Low temperature seals -40°C ÷ +80°C	BT
Tandem forward movement piston rods coupled together (pag. 5.5.5)	TA1
Tandem forward movement piston rods independent (pag. 5.5.5)	TA2
Tandem back to back (pag. 5.5.5)	TA3
Tandem front to front (pag. 5.5.5)	TA4
Extended rod (indicate the requested WH dimension in mm. E.g.: WH -100)	WH-...
Without adjustable cushionings	D
Adjustable rear cushioning only	D1
Adjustable front cushioning only	D2
Special male thread (indicate the requested thread. E.g. : R-M 10x1,5). The dimension AM of the special thread will be the same as the standard. The cylinder will be supplied without rod nut.	R-M...
Female thread; for dimensions see page 5.5.4	F
With bellows for protection of the rod (in this case the dimension WH will be extended according the stroke of the cylinder)	Z
Special on request	/S

The options can be combined (when this is possible).

The suffix of the options are to be added to the model number of the standard product, as shown in the following table.

How to order: 63 / 100 AMXPVR-M12x1,25

63	/	100	AMX	P	V	R-M12X1,25
Bore	/	Stroke	Type	Option	Option	Option

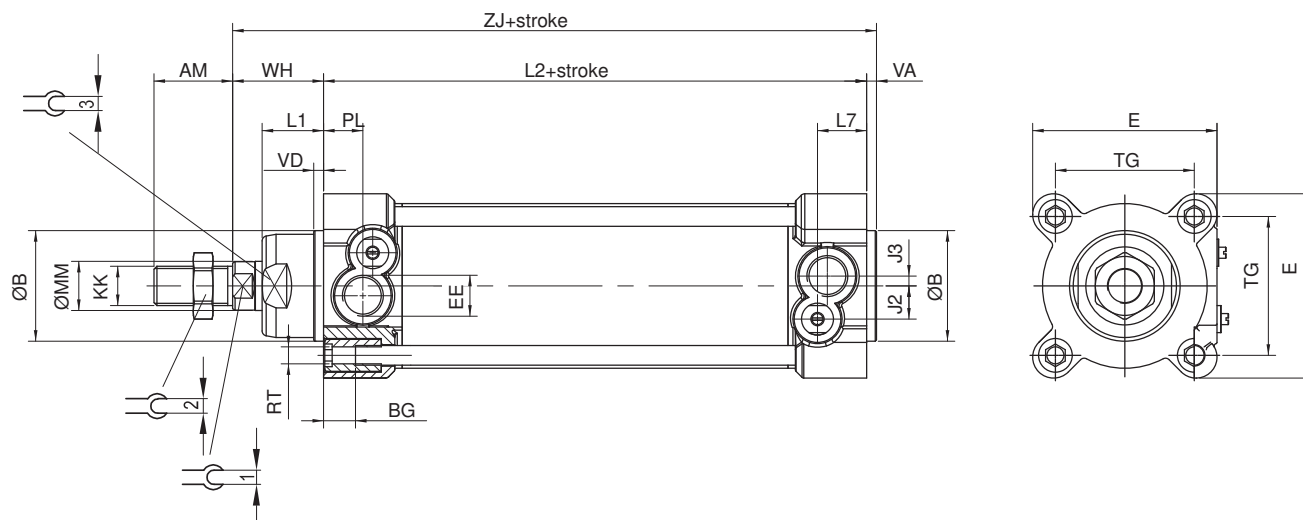


Materials (standard types)

1	Tube and tie-rods	Stainless steel AISI 316L
2	Heads	Stainless steel AISI 316L
3	Rod	Stainless steel AISI 316L, lapped
4	Piston	Die-cast aluminium
5	Bushing	Self-lubricating sintered bronze
6	Guide ring	Natural Delrin
7	Rod seals	Special polyurethane
8	Disassembling nose	Stainless steel AISI 316L
9	Group cushioning screw	Stainless steel AISI 316L
Other seals		Nitrile rubber NBR/polyurethane

Technical data

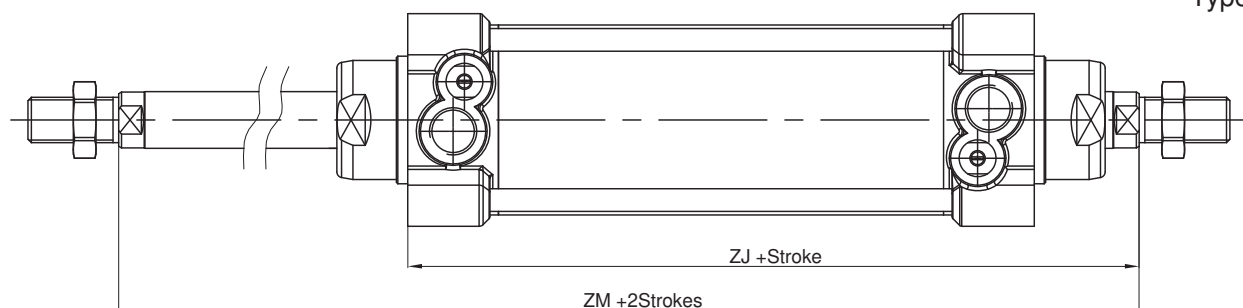
General data										
Bore (mm)		32	40	50	63	80	100	125	160	200
Fluid		Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.								
Pressure		0,5 ÷ 10 bar								
Temperature range		-20°C ÷ +80°C (standard /V1)			-20°C ÷ +150°C (V)			-40°C ÷ +80°C (BT)		
Stroke		from 10 mm to 2500 mm								
Cushion lenght		20	22	25	25	35	35	35	48	48
Ports		1/8"	1/4"		3/8"		1/2"		3/4"	
Rod thread		M10 x 1,25	M12 x 1,25	M16 x 1,5		M20 x 1,5		M27 x 2	M36 x 2	
Weight	Stroke zero (g)	860	1350	2290	2940	4960	7030	12730	24780	31320
	Additional 10 mm Stroke (g)	27	35	61	66	106	116	214	331	478

Type: **AMX**


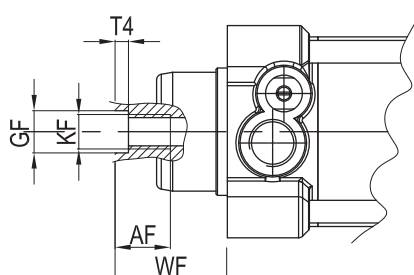
$\varnothing$ (mm)	AM	B $\varnothing d11$	BG	E	EE	J2	J3	KK	L1	L2	H
32	22	30	15	47	G1/8	6	5	M10x1,25	20	94	8
40	24	35	15	52	G1/4	7.5	5	M12x1,25	22	105	6
50	32	40	16	65	G1/4	9.5	7,5	M16x1,5	26	106	8
63	32	45	16	75	G3/8	13.5	4	M16x1,5	25	121	8
80	40	45	17	95	G3/8	13.5	6	M20x1,5	32	128	10
100	40	55	17	115	G1/2	15	6	M20x1,5	38	138	10
125	54	60	21	140	G1/2	17	8	M27x2	40	160	14
160	72	65	24	180	G3/4	17	15	M36x2	50	180	14
200	72	75	24	220	G3/4	17	15	M36x2	65	180	14

$\varnothing$ (mm)	L7	MM $\varnothing f7$	PL	RT	TG	VA	VD	WH	ZJ	1	2	3
32	17.5	12	10	M6	32,5	4	4	26	124	10	17	27
40	21.5	16	15	M6	38	4	4	30	139	13	19	32
50	20	20	15	M8	46,5	4	4	37	147	17	24	36
63	20	20	16	M8	56,5	4	4	37	162	17	24	38
80	27	25	20	M10	72	4	4	46	178	22	30	42
100	28.5	25	23.5	M10	89	4	4	51	193	22	30	50
125	31.5	32	23.5	M12	110	5	5	65	230	27	41	52
160	33	40	27.5	M16	140	6	8	80	266	36	55	60
200	35	40	27	M16	175	6	8	95	281	36	55	70

Type: ...P

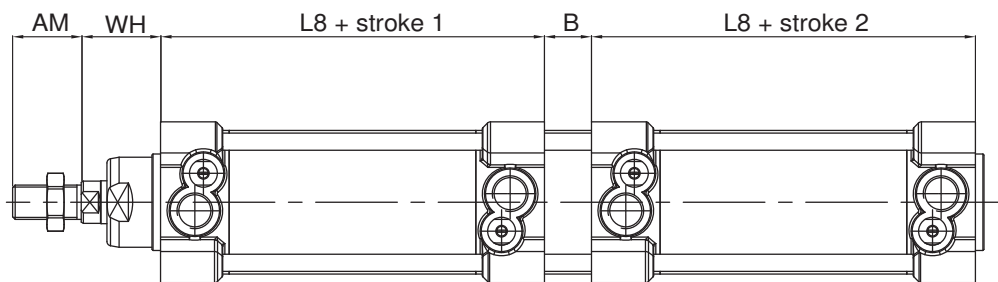


Type: ...F

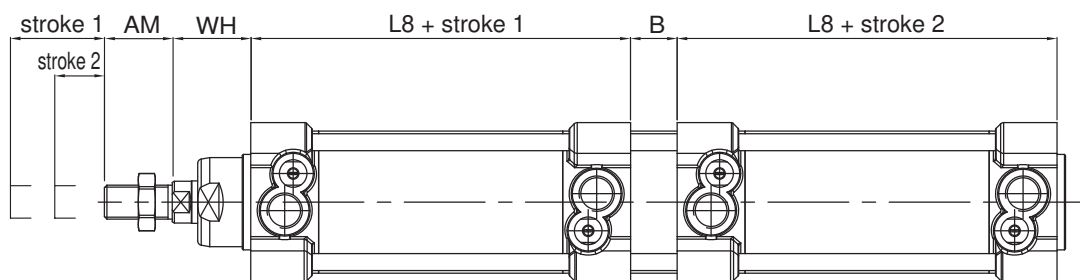


Ø mm	AF	KF	T4	WF	GF	ZJ	ZM
32	12	M6	2,6	26	8	120	146
40	12	M8	3,3	30	10	135	165
50	16	M10	4,7	37	12	143	180
63	16	M10	4,7	37	12	158	195
80	20	M12	6,1	46	14	174	220
100	20	M12	6,1	51	14	189	240
125	32	M16	8	65	18	225	290
160	36	M20	10	80	22	260	340
200	36	M20	10	95	22	275	370

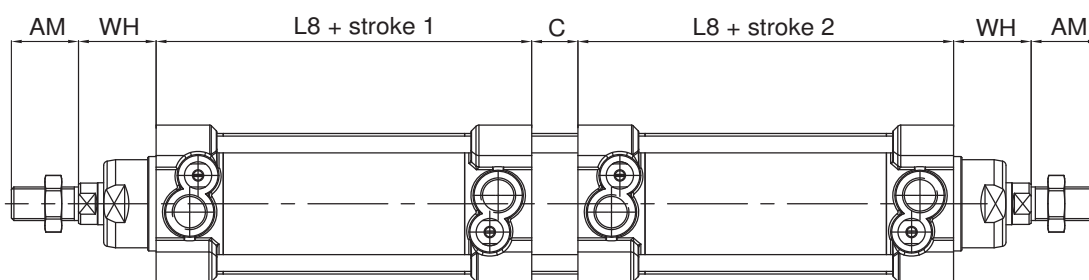
Type: ...TA1



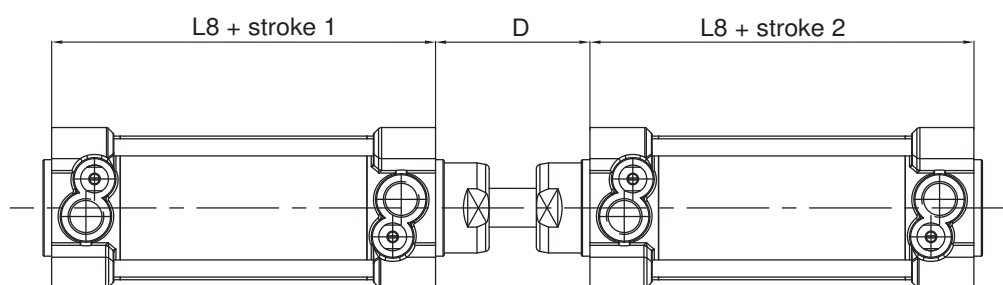
Type: ...TA2



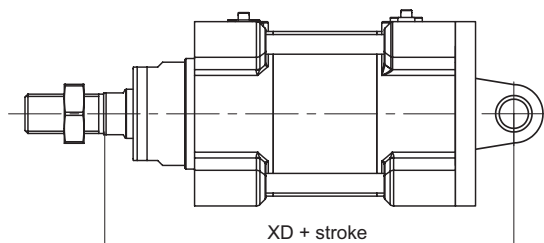
Type: ...TA3



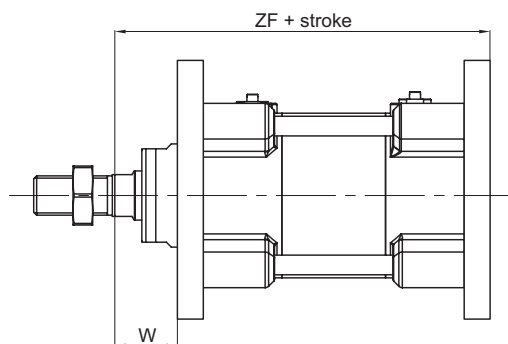
Type: ...TA4



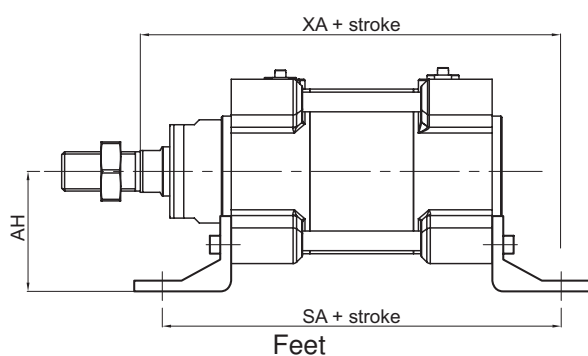
Ø mm	AM	B	C	D	L8	WH
32	22	40	12	48	94	26
40	24	44	12	54	105	30
50	32	52	16	69	106	37
63	32	50	16	69	121	37
80	40	64	20	86	128	46
100	40	76	20	91	138	51
125	54	80	35	120	160	65
160	72	100	50	152	180	80
200	72	130	50	167	180	95



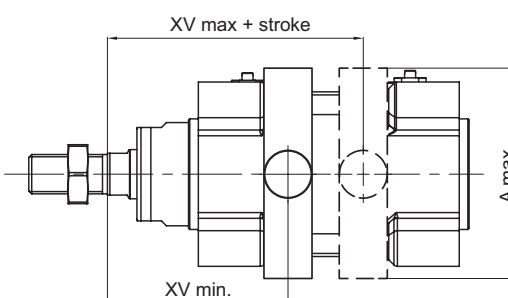
Rear clevis/eye



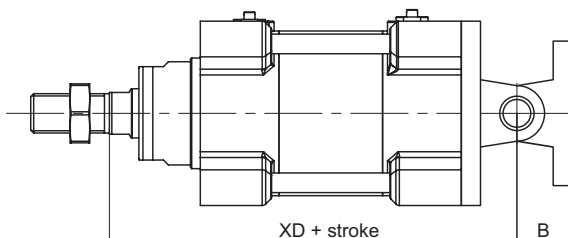
Flange



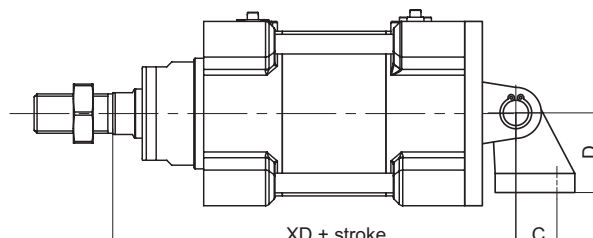
Feet



Centre trunnion



Rear standard hinge

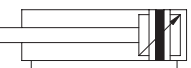


Rear 90° hinge

For dimensions and codes of the accessories: see page 5.40.1

Ø mm	A max	AH	B	C	D	SA	W	XA	XD	XV min	XV max	ZF
32	70	32	22	21	32	142	16	144	142	60	86	130
40	78	36	25	24	36	161	20	163	160	69	96	145
50	91	45	27	33	45	170	25	175	170	78	102	155
63	94	50	32	37	50	185	25	190	190	82	113	170
80	130	63	36	47	63	210	30	215	210	97	123	190
100	145	71	41	55	71	220	35	230	230	107	133	205
125	170	90	50	70	90	250	45	270	275	126,5	163,5	245
160	190	115	55	/	/	300	55	305	315	150	190	285
200	240	135	60	/	/	320	70	322,5	335	165	205	300

Standard executions

Version	Symbol	Type
Front threaded end cap mounting. Magnetic, adjustable cushioning		RXDVA
Front and rear threaded end caps mounting. Magnetic, adjustable cushioning		RXDVD
Four threaded holes on rear cap. Magnetic, adjustable cushioning		RXDFP
Male hinge fixing (ISO MP4) Magnetic, adjustable cushioning		RXDCM
Male hinge with articulated head (ISO MP6) Magnetic, adjustable cushioning		RXDCS
Narrow female hinge (ISO AB6) Magnetic, adjustable cushioning		RXDCF
Hinge on front end cap. Magnetic, adjustable cushioning		RXDBA
Hinge on rear end cap. Magnetic, adjustable cushioning		RXDBP



II 2Gc IIC T5
II 2Dc T100°C

On request, they can be supplied according to 2014/34/EU - **ATEX**



Lubrication with synthetic grease long lasting for applications with low start up, granting low friction and a permanent lubrication film.
Fully composed by non-toxic elements conforming to directive FDA section 21 CFR 178 about accidental contact with food (registered NSF H1).



New series of stainless steel round cylinder with bores from 32 to 63mm., characterized by an essential design specifically developed to prevent the settling of impurities.

Cylinder body is smooth surface free of chamfers or cavities where dirt can settle.

This series is fully in Stainless Steel AISI 316L.

These features make RXD cylinders specifically suitable for Food&Beverage, Chemical, Pharmaceutical and Medical industries and for all those applications where maximum hygiene and cleaning are required, even in corrosive environments.

RXD Series are available in several configurations bespoke solutions are also possible.

For the magnetic reed switches type ASV see from page 1.110.1

For mounting accessories

see from page 5.40.1

For rod accessories

see from page 5.20.1

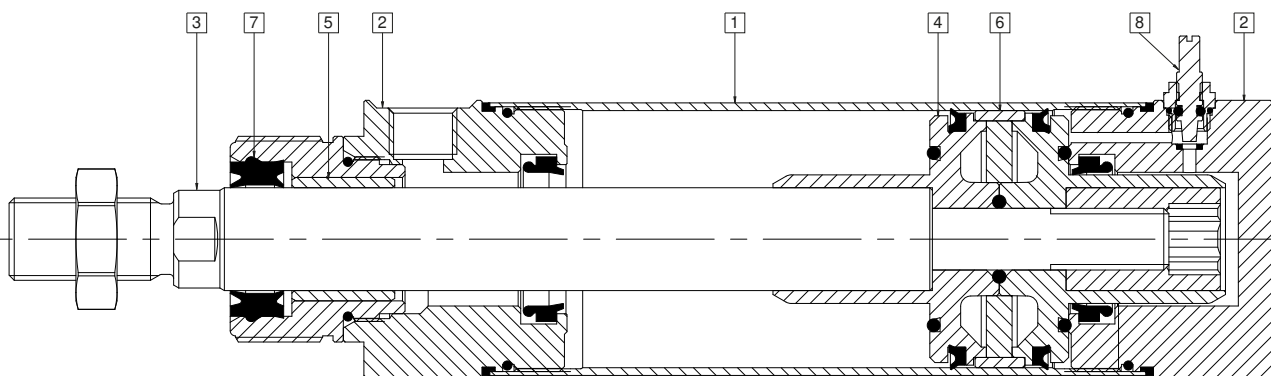
Options	Suffix
Through rod	P
High temperature seals FKM (-20°C ÷ +150°C)	V
Scrape ring only in FKM (-20°C ÷ +80°C)	V1
Low temperature seals EPDM (-40°C ÷ +80°C)	BT
Extended rod (indicate the requested WH dimension in mm. E.g.: WH-100)	WH-
Without adjustable cushionings	D
Adjustable rear cushioning only	D1
Adjustable front cushioning only	D2
Special male thread (indicate the requested thread. E.g. : R-M 10x1,5). The dimension AM of the special thread will be the same as the standard. The cylinder will be supplied without rod nut.	R-M
With bellows for protection of the rod (in this case the dimension WH will be extended according the stroke of the cylinder)	Z
Piston rod scraping ring in nitrile rubber NBR	H
Special on request	/S

The options can be combined (when this is possible).

The suffix of the options are to be added to the model number of the standard product, as shown in the following table.

How to order: 63 / 100 RXDVAP

63	/	100	RXDVA	P
Bore	/	Stroke	Type	Option

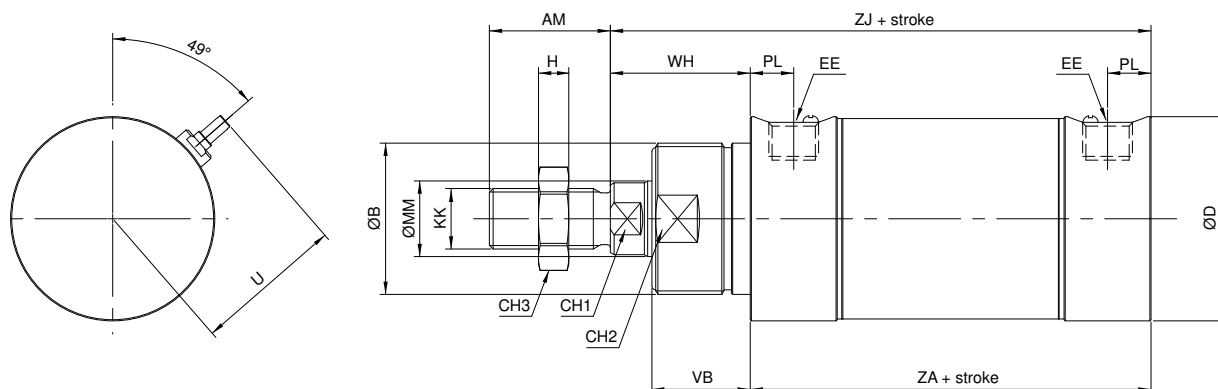
Type: **RXDVA**


Materials (standard types)

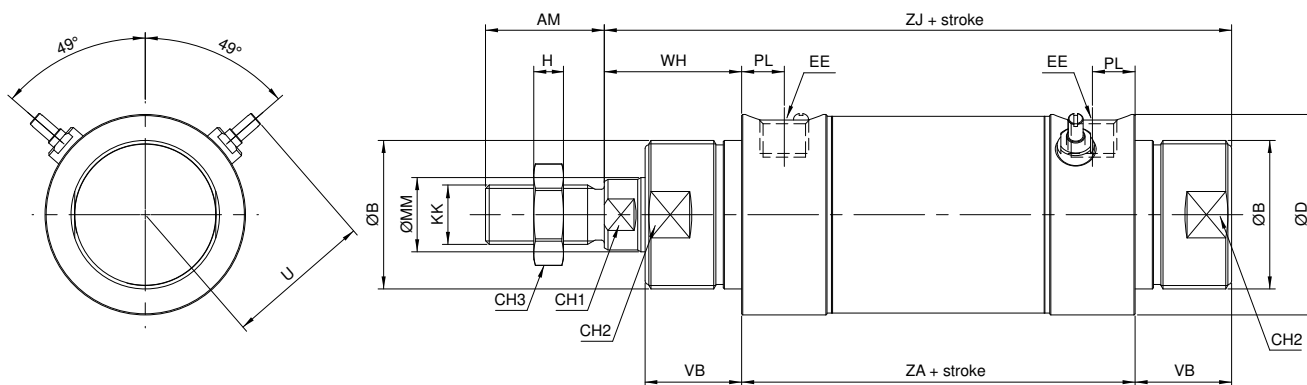
1	Tube and tie-rods	Stainless steel AISI 316L
2	Heads	Stainless steel AISI 316L
3	Rod	Stainless steel AISI 316L, lapped
4	Piston	Die-cast aluminium
5	Bushing	Self-lubricating sintered bronze
6	Guide ring	Natural Delrin
7	Rod seals	Special polyurethane
8	Group cushioning screw	Stainless steel AISI 316L
Other seals		Nitrile rubber NBR/polyurethane

Technical data

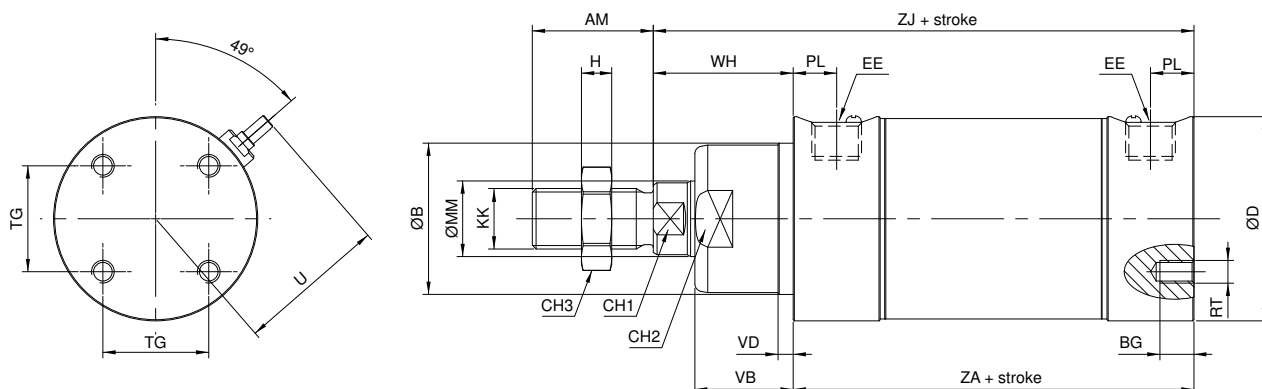
Bore (mm)	32	40	50	63
Fluid	Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.			
Pressure	0,5 ÷ 10 bar			
Temperature range	Standard: -20 °C ÷ +80 °C High temperature (V): -20°C ÷ +150°C Scrape ring only in FKM (-20°C ÷ +80°C) Low temperature (BT): -40°C ÷ +80°C			
Stroke	from 10 mm to 1000 mm			
Cushion lenght	20	22	25	25
Ports	1/8"	1/4"		3/8"
Rod thread	M10 x 1,25	M12 x 1,25	M16 x 1,5	

Type: **RXDVA**


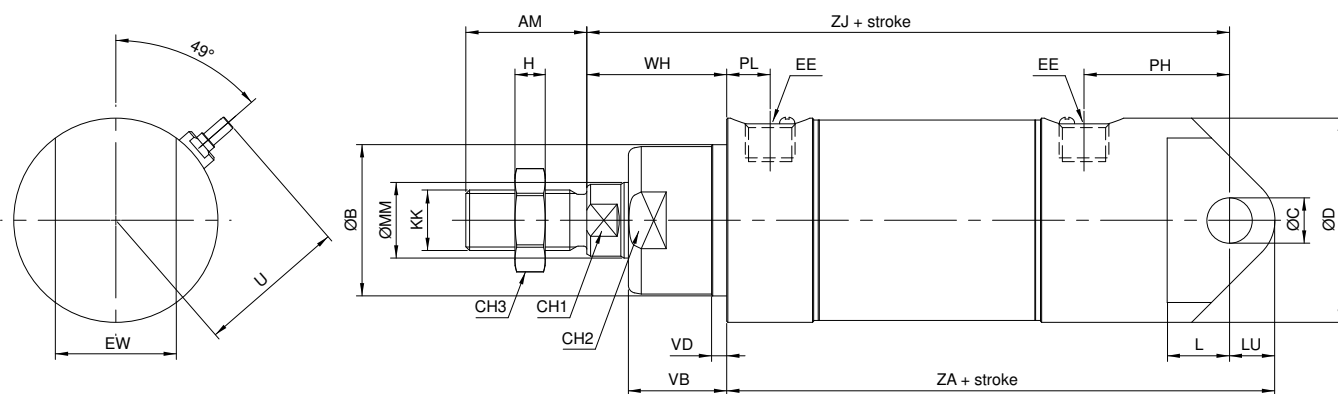
Ø (mm)	AM	ØB	ØD	EE	KK	ØMM f7	PL	VB	U	WH	ZA +1 0	ZJ +1 0	CH1	CH2	CH3	H
32	22	M30x1,5	36	G1/8	M10x1,25	12	10,5	20	26,5	26	94	120	10	29	17	5
40	24	M38x1,5	45	G1/4	M12x1,25	16	12	22	31	30	105	135	13	36	19	6
50	32	M45x1,5	54	G1/4	M16x1,5	20	11,5	26	39,5	37	106	143	17	42	24	8
63	32	M45x1,5	68	G3/8	M16x1,5	20	14,5	25	38,5	37	121	158	17	42	24	8

Type: **RXDVD**


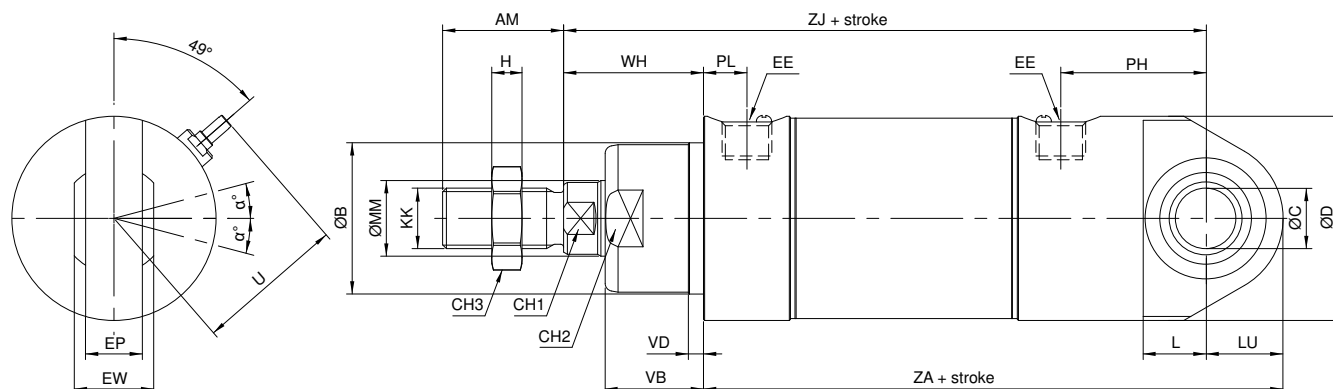
Ø (mm)	AM	ØB	ØD	EE	KK	ØMM f7	PL	VB	U	WH	ZA +1 0	ZJ +1 0	CH1	CH2	CH3	H
32	22	M30x1,5	36	G1/8	M10x1,25	12	10,5	20	26,5	26	94	140	10	29	17	5
40	24	M38x1,5	45	G1/4	M12x1,25	16	12	22	31	30	105	157	13	36	19	6
50	32	M45x1,5	54	G1/4	M16x1,5	20	11,5	26	39,5	37	106	169	17	42	24	8
63	32	M45x1,5	68	G3/8	M16x1,5	20	14,5	25	38,5	37	121	183	17	42	24	8

Type: **RXDFP**


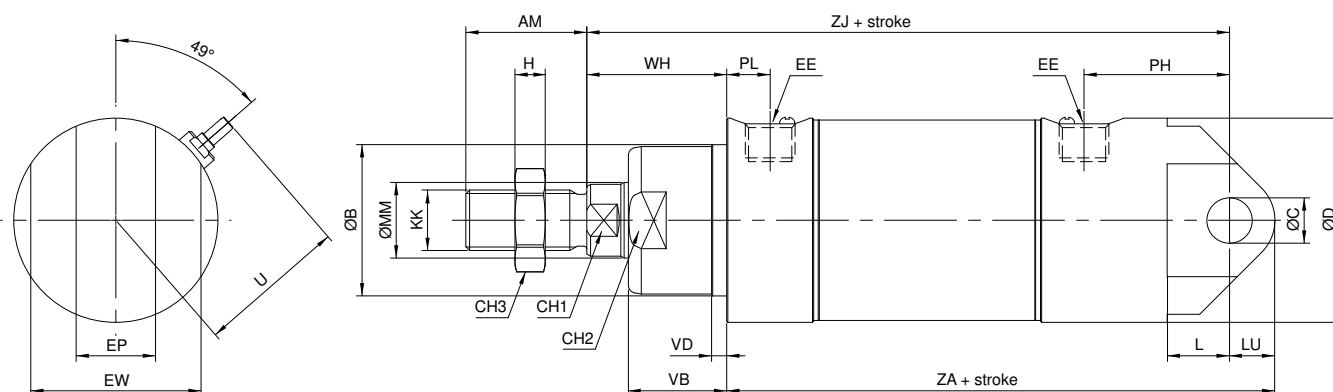
Ø (mm)	AM	ØB d11	BG	ØD	EE	KK	ØMM f7	PL	RT	TG	VB	VD	U	WH	ZA +1 0	ZJ +1 0	CH1	CH2	CH3	H
32	22	30	6	36	G1/8	M10x1,25	12	10,5	M4	19	20	4	26,5	26	94	120	10	29	17	5
40	24	35	8	45	G1/4	M12x1,25	16	12	M5	24	22	4	31	30	105	135	13	33	19	6
50	32	40	9	54	G1/4	M16x1,5	20	11,5	M6	28	26	4	39,5	37	106	143	17	38	24	8
63	32	45	12	68	G3/8	M16x1,5	20	14,5	M8	35	25	4	38,5	37	121	158	17	42	24	8

Type: **RXDCM**


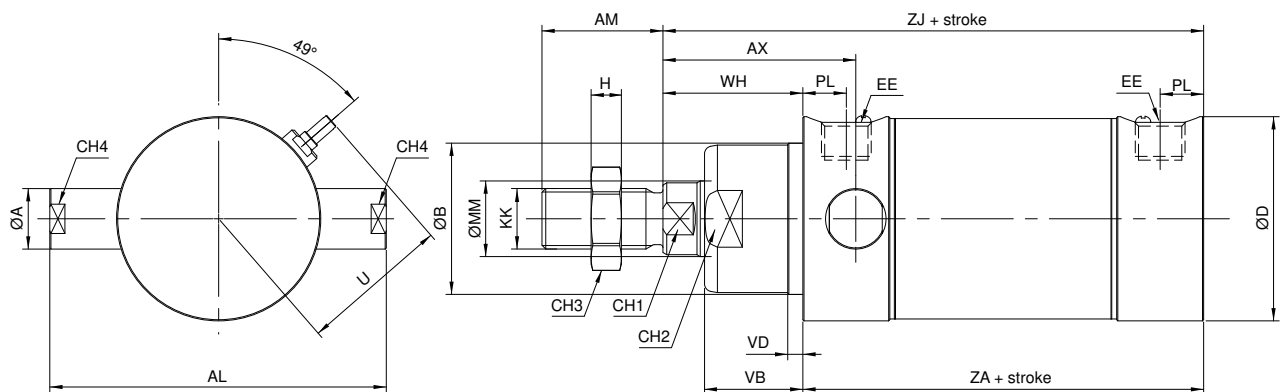
Ø (mm)	AM	ØB d11	ØC H8	ØD	EE	EW	KK	ØMM f7	L	LU	PH	PL	VB	VD	U	WH	ZA +1 0	ZJ +1 0	CH1	CH2	CH3	H
32	22	30	10	36	G1/8	26	M10x1,25	12	13	9	32,5	10,5	20	4	26,5	26	125	142	10	29	17	5
40	24	35	12	45	G1/4	28	M12x1,25	16	16	10	37	12	22	4	31	30	140	160	13	33	19	6
50	32	40	12	54	G1/4	32	M16x1,5	20	16,5	12	37	11,5	26	4	39,5	37	145	170	17	38	24	8
63	32	45	16	68	G3/8	40	M16x1,5	20	21	12	46	14,5	25	4	38,5	37	165	190	17	42	24	8

Type: **RXDCS**


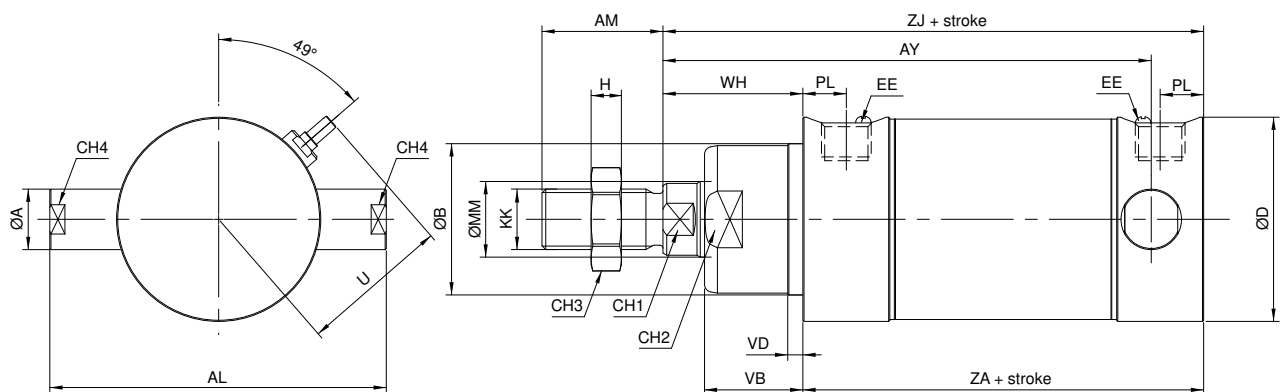
Ø (mm)	AM	ØB d11	ØC H7	ØD	EE	EP	EW	KK	ØMM f7	L	LU	PH	PL	VB	VD	U	WH	ZA +1 0	ZJ +1 0	CH1	CH2	CH3	H	α°
32	22	30	10	36	G1/8	10,5	14	M10x1,25	12	13	15	32,5	10,5	20	4	26,5	26	131	142	10	29	17	5	13
40	24	35	12	45	G1/4	12	16	M12x1,25	16	16	19	37	12	22	4	31	30	149	160	13	33	19	6	13
50	32	40	12	54	G1/4	15	21	M16x1,5	20	16,5	20,5	38,5	11,5	26	4	39,5	37	153,5	170	17	38	24	8	15
63	32	45	16	68	G3/8	15	21	M16x1,5	20	21	24	46,5	14,5	25	4	38,5	37	177	190	17	42	24	8	15

Type: **RXDCF**


Ø (mm)	AM	ØB d11	ØC H8	ØD	EE	EP	EW	KK	ØMM f7	L	LU	PH	PL	VB	VD	U	WH	ZA +1 0	ZJ +1 0	CH1	CH2	CH3	H
32	22	30	10	36	G1/8	14	34	M10x1,25	12	13	9	32,5	10,5	20	4	26,5	26	125	142	10	29	17	5
40	24	35	12	45	G1/4	16	40	M12x1,25	16	16	10	37	12	22	4	31	30	140	160	13	33	19	6
50	32	40	12	54	G1/4	21	45	M16x1,5	20	16,5	12	37	11,5	26	4	39,5	37	145	170	17	38	24	8
63	32	45	16	68	G3/8	21	51	M16x1,5	20	21	12	46	14,5	25	4	38,5	37	165	190	17	42	24	8

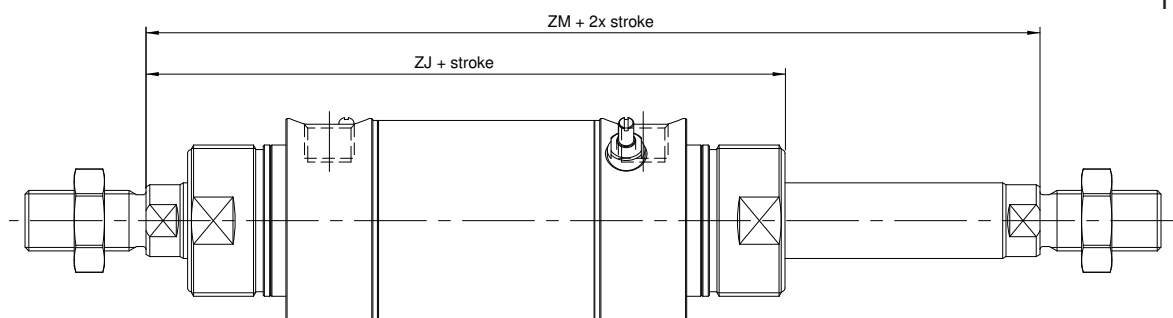
Type: **RXDBA**


Ø (mm)	ØA f7	AL	AX	AM	ØB d11	ØD	EE	KK	ØMM f7	PL	VB	VD	U	WH	ZA +1 0	ZJ +1 0	CH1	CH2	CH3	CH4	H
32	12	67	39	22	30	36	G1/8	M10x1,25	12	10,5	20	4	26,5	26	94	120	10	29	17	10	5
40	12	76	43	24	35	45	G1/4	M12x1,25	16	12	22	4	31	30	105	135	13	33	19	10	6
50	16	89	40	32	51	54	G1/4	M16x1,5	20	11,5	26	4	39,5	37	106	143	17	38	24	14	8
63	16	103	47	32	47	68	G3/8	M16x1,5	20	14,5	25	4	38,5	37	121	158	17	42	24	14	8

Type: **RXDBP**


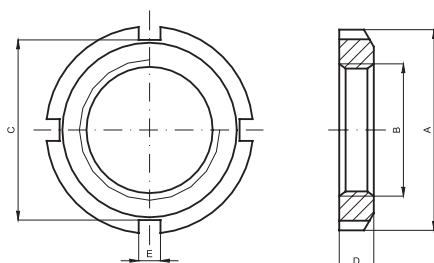
Ø (mm)	ØA f7	AL	AY	AM	ØB d11	ØD	EE	KK	ØMM f7	PL	VB	VD	U	WH	ZA +1 0	ZJ +1 0	CH1	CH2	CH3	CH4	H
32	12	67	110	22	30	36	G1/8	M10x1,25	12	10,5	20	4	26,5	26	94	120	10	29	17	10	5
40	12	76	122	24	35	45	G1/4	M12x1,25	16	12	22	4	31	30	105	135	13	33	19	10	6
50	16	89	129	32	40	54	G1/4	M16x1,5	20	11,5	26	4	39,5	37	106	143	17	38	24	14	8
63	16	103	148	32	45	68	G3/8	M16x1,5	20	14,5	25	4	38,5	37	121	158	17	42	24	14	8

Type: ...P



Ø (mm)	ZM	ZJ
32	146	140
40	165	157
50	180	169
63	195	183

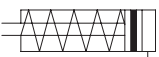
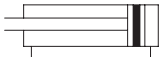
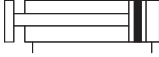
Heads nut
Type: **GHX...AQM**



Material: Stainless steel AISI 304

Code	Item	Ø mm	A	B	C	D	E
040066	GHX32AQM	32	Ø 45	M30x1,5	40	7	5
040187	GHX40AQM	40	Ø 50	M38x1,5	46	8	5
040188	GHX50/63AQM	50/63	Ø 58	M45x1,5	52	9	6

Standard executions

Version	Symbol	Type
Single acting magnetic with female thread		CIXS
Double acting magnetic with female thread		CIX
Double acting magnetic anti-rotating		CIXN



II 2Gc IIC T5
II 2Dc T100°C

On request, they can be supplied according to 2014/34/EU - **ATEX**



Lubrication with synthetic grease long lasting for applications with low start up, granting low friction and a permanent lubrication film. Fully composed by non-toxic elements conforming to directive FDA section 21 CFR 178 about accidental contact with food (registered NSF H1).



Series of stainless steel compact cylinders conforming to ISO 21287 standards.

Round tube and external tie-rods are the features of this cylinder with clean design and attention to details.

A particular attention was put to the end caps where there are no cavities, thus eliminating contamination traps.

All series CIX is with elastic dampers on the piston

Only magnetic version available

One or more magnetic reed switches can be mounted.

For the magnetic reed switches type ASV see from page 1.110.1.

For mounting accessories see from page 5.40.1

For rod accessories see from page 5.20.1 and 5.25.1

Options	Suffix
Single acting, rear spring (page 5.16.4)	T
Male thread on piston-rod (page 5.16.4)	M
Through-rod (page 5.16.4)	P
Seals FKM -20°C ÷ +150°C	V
Scraper ring only FKM -20°C ÷ +80°C	V1
Low temperature seals -40°C ÷ +80°C	BT
Extended rod (indicate the requested WH dimension in mm. E.g.: WH-50)	WH-...
Special on request	/S

The options can be combined (when this is possible).

The suffix of the options are to be added to the model number of the standard product, as shown in the following table.

How to order: 63/100CIXMP

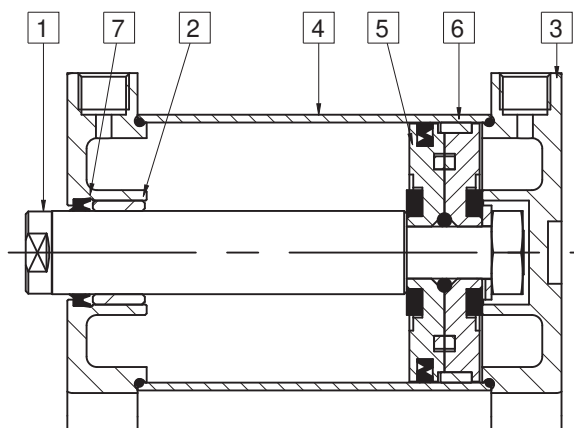
63	/	100	CIX	M	P
Bore	/	Stroke	Type	Option	Option

Seals kits

n. 1	Rod seal
n. 2	Tube O-ring
n. 1	Piston lip-seal

How to order: 32 / SG / CIXP

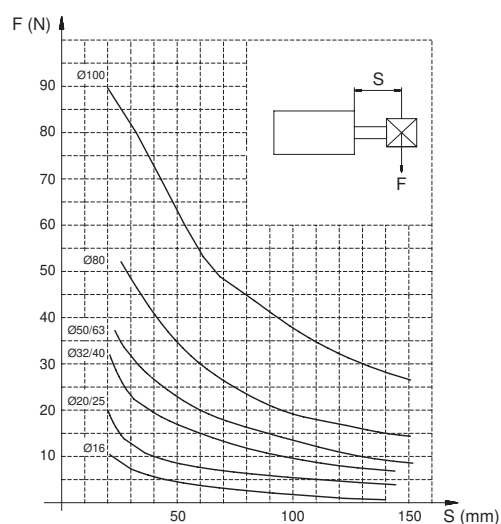
32	/	SG	/	CIX	P
Bore	/	Seal kit	/	Type	Option



Materials (standard types)

1 Rod	Stainless steel AISI 316L
2 Bushing	Sintered bronze self-lubricated
3 Heads	Stainless steel AISI 316L
4 Tube	Stainless steel AISI 316L
5 Piston	Aluminium
6 Guide ring	PTFE
7 Rod seals	Polyurethane
Other seals	Nitrilic rubber NBR

Maximum radial load diagram



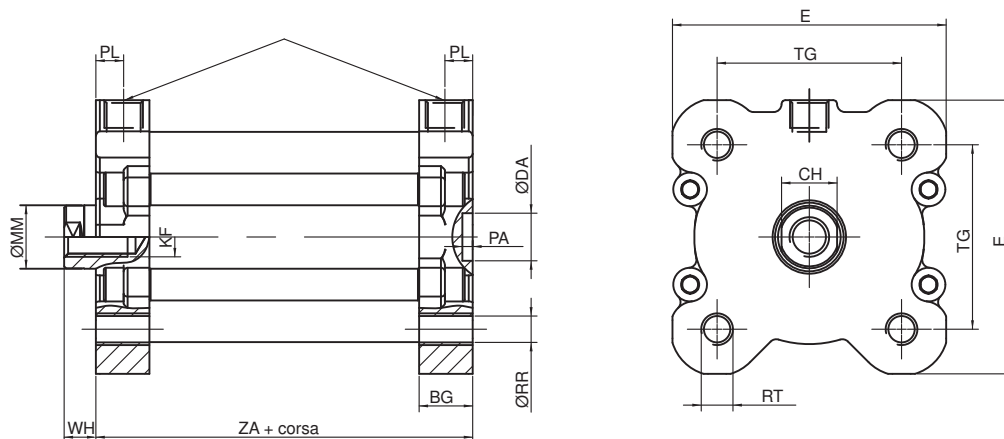
Technical data

Fluid	Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.		
Pressure	Single acting 2 ÷ 10 bar - Double acting 1 ÷ 10 bar		
Temperature range	-20°C ÷ +80°C (standard /V1)	-20°C ÷ +150°C (V)	-40°C ÷ +80°C (BT)

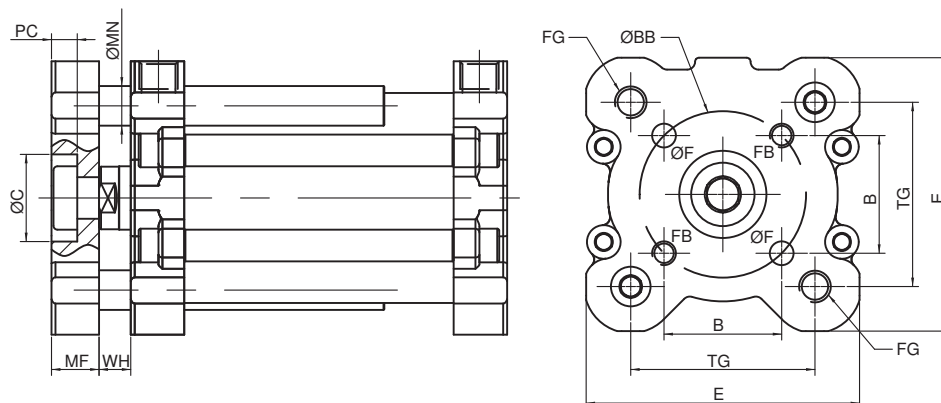
Bore (mm)	Standard strokes CIXS		Standard strokes CIX		Standard strokes CIXN	
25	5, 10, 15, 20, 25	(5÷25)	5, 10, 15, 20, 25, 30, 40, 50, 60	(5÷300)	5, 10, 15, 20, 25, 30, 40, 50, 60	(5÷200)
32	5, 10, 15, 20, 25	(5÷25)	5, 10, 15, 20, 25, 30, 40, 50, 60, 80	(5÷400)	5, 10, 15, 20, 25, 30, 40, 50, 60, 80	(5÷300)
40	5, 10, 15, 20, 25	(5÷25)	5, 10, 15, 20, 25, 30, 40, 50, 60, 80	(5÷400)	5, 10, 15, 20, 25, 30, 40, 50, 60, 80	(5÷300)
50	5, 10, 15, 20, 25	(5÷25)	5, 10, 15, 20, 25, 30, 40, 50, 60, 80	(5÷400)	5, 10, 15, 20, 25, 30, 40, 50, 60, 80	(5÷300)
63	5, 10, 15, 20, 25	(5÷25)	5, 10, 15, 20, 25, 30, 40, 50, 60, 80	(5÷400)	5, 10, 15, 20, 25, 30, 40, 50, 60, 80	(5÷300)
80	15, 20, 25	(15÷25)	15, 20, 25, 30, 40, 50, 60, 80	(15÷500)	15, 20, 25, 30, 40, 50, 60, 800	(15÷400)
100	15, 20, 25	(15÷25)	15, 20, 25, 30, 40, 50, 60, 80, 100	(15÷500)	15, 20, 25, 30, 40, 50, 60, 80, 100	(15÷400)

Type: **CIX - CIXS**

Bore: 16 - 20 - 25

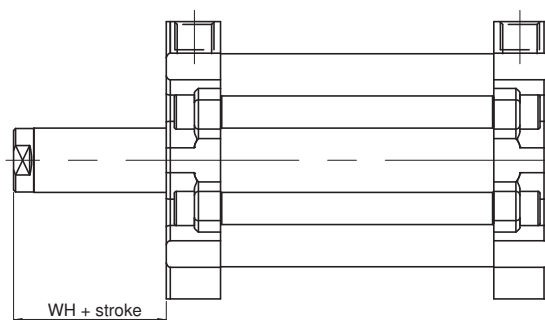


Ø (mm)	Ø MM f7	AF	WH	ZA	ZB	KF	EE	BG	RR	TG	E	RT	PL	CH	Ø DA H9	PA +0.1
25	10	10	6	39	45	M6	M5	15	4,1	26	40	M5	5	8	9	2,1
32	12	-	7	44	51	-	G 1/8	16	-	32,5	47,5	M6	7	10	9	2,1
40	12	12	7	45	52	M8	G 1/8	16	5,1	38	55	M6	7,5	10	9	2,1
50	16	16	8	45	53	M10	G 1/8	16	6,4	46,5	66	M8	7,5	14	12	2,6
63	16	16	8	49	57	M10	G 1/8	16	6,4	56,5	78	M8	7	14	12	2,6
80	20	20	10	54	64	M12	G 1/8	17	8,4	72	96	M10	8	17	12	2,6
100	20	20	10	67	77	M12	G 1/8	17	8,4	89	116	M10	8,5	17	12	2,6

Type: **...N**


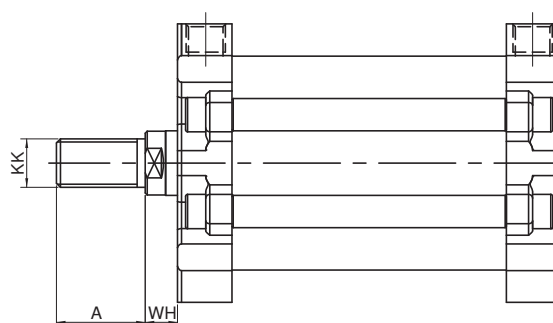
Ø (mm)	WH	MF +0,1	E	TG	B	FG	ØBB ±0,1	ØF +0,1	FB	ØC H9	PC	MN f7
25	6	8	40	26	15.6	M5	22	5	M5	14	4,5	6
32	7	10	47.5	32,5	19.8	M6	28	5	M5	17	5,5	8
40	7	10	55	38	23.3	M6	33	5	M5	17	5,5	8
50	8	12	66	46,5	29.7	M8	42	6	M6	22	6,5	10
63	8	12	78	56,5	35.4	M8	50	6	M6	22	6,5	10
80	10	14	96	72	46	M10	65	8	M8	24	7,5	10
100	10	14	116	89	56.6	M10	80	10	M10	24	7,5	12

Type: ...T

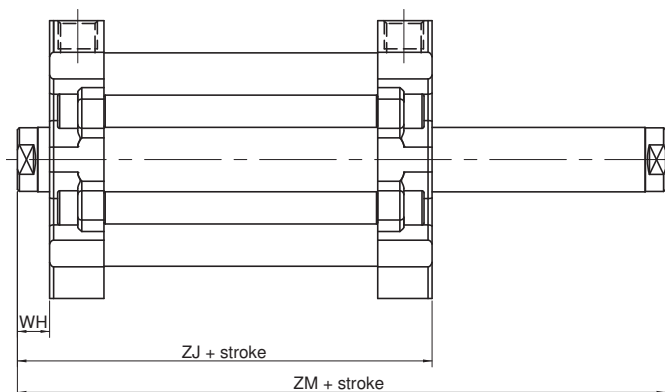


Available stroke: 1÷25

Type: ...M



Type: ...P



Ø (mm)	A	KK	WH	ZJ	ZM
25	16	M8x1.25	6	45	51
32	19	M10x1.25	7	51	58
40	19	M10x1.25	7	52	59
50	22	M12x1.25	8	53	61
63	22	M12x1.25	8	57	65
80	28	M16x1.5	10	64	74
100	28	M16x1.5	10	77	87