

Actuators

Cartridge Cylinders

Ø 6-16 mm



CA - CAF Series

Pg. 15.3

Mini Cylinders ISO 6432

Ø 8-25 mm



Mini Series

Pg. 15.5

Mini Stainless Steel ISO 6432

Ø 16-25 mm



Mini Stainless Steel Series

Pg. 15.14

Limited Space

Ø 32-63 mm



A95 Series

Pg. 15.17

Compact Cylinders

Ø 12-100 mm



Q Series

Pg. 15.24

ISO 15552 Cylinders

Ø 32-125 mm



L Series

Pg. 15.37

ISO 6431 Cylinders

Ø 160-320 mm



E Series

Pg. 15.44

ISO 15552 Cylinders

Ø 32-125 mm



X Series

Pg. 15.46

Stainless Steel ISO 15552

Ø 32-125 mm



V Series

Pg. 15.51

Twin Rod Cylinders

Ø 32-100 mm



NHA Series

Pg. 15.54

Compact Cylinders

Ø 20-100 mm



W Series

Pg. 15.58

Cylinder Accessories

ISO 6431 - ISO 15552 - ISO 21287



Pg. 15.66

Guided Units

ISO 15552 - Ø 12-25 mm
ISO 6431 VDMA - Ø 32-100 mm



Pg. 15.76

Rodless Cylinders

Ø 16-63 mm



R Series

Pg. 15.85

Rotary Actuators

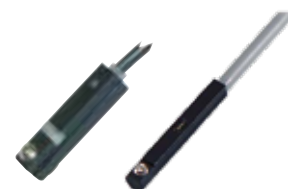
Ø 32-100 mm



XR Series

Pg. 15.96

Magnetic Position Sensing Switches



Sensor

Pg. 15.99

PNEUMATIC ACTUATORS

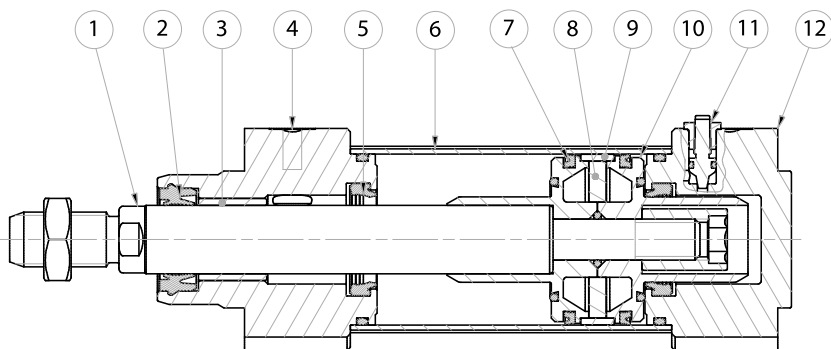
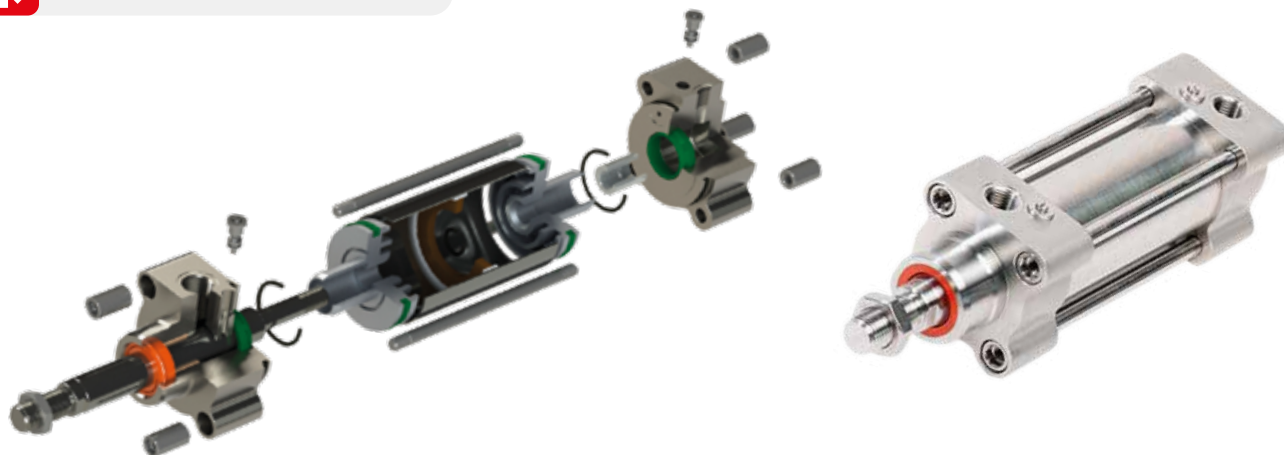


Actuators

SERIES V - STAINLESS STEEL - ISO 15552



TECHNICAL CHARACTERISTICS



Component Parts and Materials

- 1 316 stainless steel piston rod
- 2 Rod seal
- 3 Sinterized bronze bushing
- 4 304 Stainless steel end cap
- 5 PU seal
- 6 304 stainless steel tube
- 7 Piston seal
- 8 Bonded ferrite magnet
- 9 Piston wear band
- 10 Aluminium piston
- 11 316 stainless steel cushion adjustment screw
- 12 304 stainless steel end cap



Reference Standard

1907/2006
REACH✓

2011/65/CE
RoHS✓

PED
2014/68/UE

SILICON
FREE


Pressures

1 bar (0.1 MPa) / 14.5 psi
10 bar (0.7 MPa) / 145 psi



Temperatures

0 °C / 32 °F (-20 °C / -4 °F with dry air)
+ 80 °C / 176 °F



Media

Filtered and lubricated or
non-lubricated compressed air.



Functions

Double-acting cushioned magnetic
Single or through piston rod.



Bores

from 32 to 125 mm



Standard Strokes

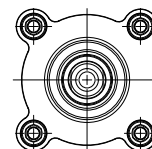
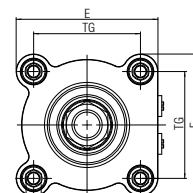
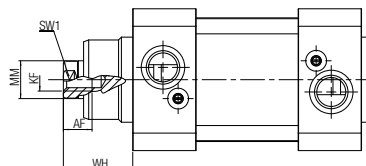
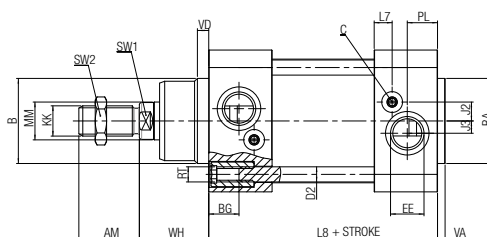
from 25 to 1000 mm

FORCES, SPRING LOADS AND AIR CONSUMPTION

See Pg. 15.34-15.35

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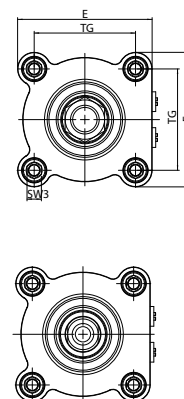
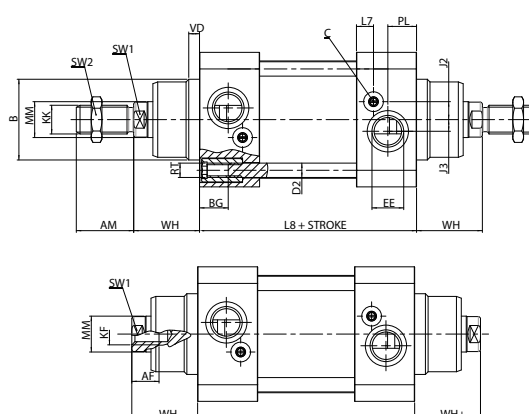
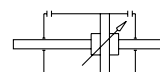
DOUBLE ACTING - CUSHIONED - MAGNETIC



Ø	AM	AF	ØB(d11)	ØBA (d11)	BG	ØD2	E	EE	J2	J3	KF	KK	L2	L7	L8+	Ømm	PL	RT	SW1	SW2	SW3	TG	VA	VD	WH
32	22	12	30	30	16	6	48	G1/8"	6.6	5.3	M6	M10x1.25	18	7.2	94	12	13	M6	10	17	6	32.5	4	5	26
40	24	12	35	35	16	6	52	G1/4"	8.5	5	M8	M12x1.25	22	9.2	105	16	14	M6	13	19	6	38	4	5	30
50	32	16	40	40	16	8	65	G1/4"	8	6	M8	M16x1.5	25.5	9	106	20	14	M8	17	24	8	46.5	4	6	37
63	32	16	45	45	16	8	75	G3/8"	10	6.5	M10	M16x1.5	26	9.5	121	20	16	M8	17	24	8	56.5	4	6	37
80	40	20	45	45	18	10	95	G3/8"	8	8	M10	M20x1.5	32	11	128	25	16	M10	22	30	10	72	4	7	46
100	40	20	55	55	18	10	115	G1/2"	15	7	M12	M20x1.5	38	12	138	25	18	M10	22	30	10	89	4	7	51
125	54	32	60	60	20	12	140	G1/2"	13	7	M16	M27x2	46	12	160	32	18	M12	27	41	-	110	6	10	65

VLI

DOUBLE ACTING - CUSHIONED - MAGNETIC WITH DOUBLE ROD END



Ø	AM	AF	ØB (d11)	BG	ØD2	E	EE	J2	J3	KF	KK	L2	L7	L8+	Ømm	PL	RT	SW1	SW2	SW3	TG	VA	VD	WH	WH
32	22	12	30	16	6	48	G1/8"	6.6	5.3	M6	M10x1.25	18	7.2	94	12	13	M6	10	17	6	32.5	4	5	26	26
40	24	12	35	16	6	52	G1/4"	8.5	5	M8	M12x1.25	22	9.2	105	16	14	M6	13	19	6	38	4	5	30	30
50	32	16	40	16	8	65	G1/4"	8	6	M8	M16x1.5	25.5	9	106	20	14	M8	17	24	8	46.5	4	6	37	37
63	32	16	45	16	8	75	G3/8"	10	6.5	M10	M16x1.5	26	9.5	121	20	16	M8	17	24	8	56.5	4	6	37	37
80	40	20	45	18	10	95	G3/8"	8	8	M10	M20x1.5	32	11	128	25	16	M10	22	30	10	72	4	7	46	46
100	40	20	55	18	10	115	G1/2"	15	7	M12	M20x1.5	38	12	138	25	18	M10	22	30	10	89	4	7	51	51
125	54	32	60	20	12	140	G1/2"	13	7	M16	M27x2	46	12	160	32	18	M12	27	41	-	110	6	10	65	65