

Cleanline Pneumatic Cylinders

Double Acting (ISO 15552) Ø 32mm - 100mm

Technical information

Operating pressure:	Max. 10 bar
Temperature range:	-20°C...+80°C (Dry air for below 0°C)
Housing/end caps:	Aluminium alloy
Rod:	C45 chromium plated steel (Optional Stainless steel)
Seals:	NBR/polyurethane (Optional Viton -10°C...+150°C)
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air.



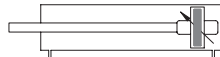
Other information:

For ATEX certification use code "X" for example 21.1XA.XXXX
Sensors are available for this product, see data sheets TX1004/TX1005.
Mountings are available for this product, see data sheets M8400/M8401/M8402/M8403.
Seal kits are available for this product, see data sheet SK0000.

Ø	B e11	E	G	L2	L8+	L3	L12	EE	KK	ØMM	AM	BG	KV	KW	PL	RT	SW	TG	VA	VD	WH	ZJ+
32	30	45	30	18	94	5	6	G1/8	M10X1.25	12	22	16	17	6	13	M6	10	32.5	3	4	26	120
40	35	54	28	22	105	5	6	G1/4	M12X1.25	16	24	16	19	7	15	M6	13	38	3	4	30	135
50	40	64	30	26	106	5	8	G1/4	M16X1.5	20	32	16	24	8	15	M8	17	46.5	4	4	37	143
63	45	75	37	28	121	5	8	G3/8	M16X1.5	20	32	16	24	8	19	M8	17	56.5	4	4	37	158
80	45	93	37.5	31	128	5	10	G3/8	M20X1.5	25	40	17	30	9	20.5	M10	22	72	4	4	46	174
100	55	110	40	35	138	5	10	G1/2	M20X1.5	25	40	17	30	9	22	M10	22	89	4	4	51	189

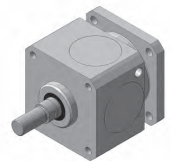
Dimensional drawings & ordering information

To order:	21.11A.XXXX	32mm bore + stroke
	21.21A.XXXX	40mm bore + stroke
	21.31A.XXXX	50mm bore + stroke
	21.41A.XXXX	63mm bore + stroke
	21.51A.XXXX	80mm bore + stroke
	21.61A.XXXX	100mm bore + stroke



Length of cushioning:

Ø 32	20mm
Ø 40	22mm
Ø 50	26mm
Ø 63	30mm
Ø 80	32mm
Ø 100	34mm



A piston rod locking device is available pre-assembled, for example 21.11A.XXXX.**BS**
(A special length piston rod is required to accommodate this feature). For full dimensions see data sheet M8402.

Stainless steel piston rods are also available, for example: 21.X2A.XXXX

Viton seals are also available, for example: 21.X3A.XXXX
(A maximum temperature limitation of 100°C for the magnet to be effective when sensors are being used).

Both options as above are available, for example: 21.X4A.XXXX



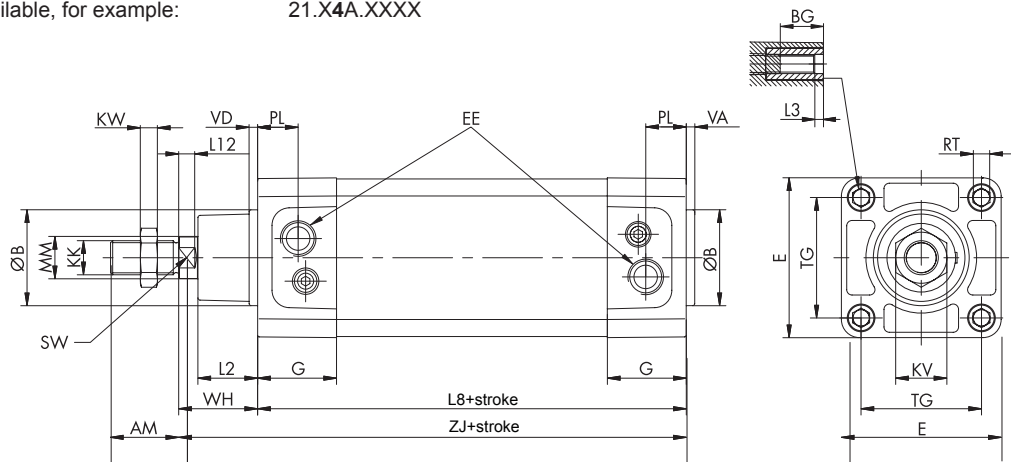
Groove cover for use with sensors, 2000mm length.

Order code: 20.001



Standard groove cover, specify length required.

Order code: 20.002



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