

# ISO 1552 Cleanline Pneumatic Cylinder


## Double Acting (ISO 1552) 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.



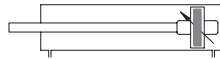
### Other information:

 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.

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

#### Seal Kits:

Ø 32 21.1R.11  
 Ø 40 21.2R.11  
 Ø 50 21.3R.11  
 Ø 63 21.4R.11  
 Ø 80 21.5R.11  
 Ø 100 21.6R.11

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

Viton seals are also available, for example: 21.X3A.XXXX

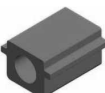
(A maximum temperature limitation of 100 C for the magnet to be effective when sensors are being used).

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



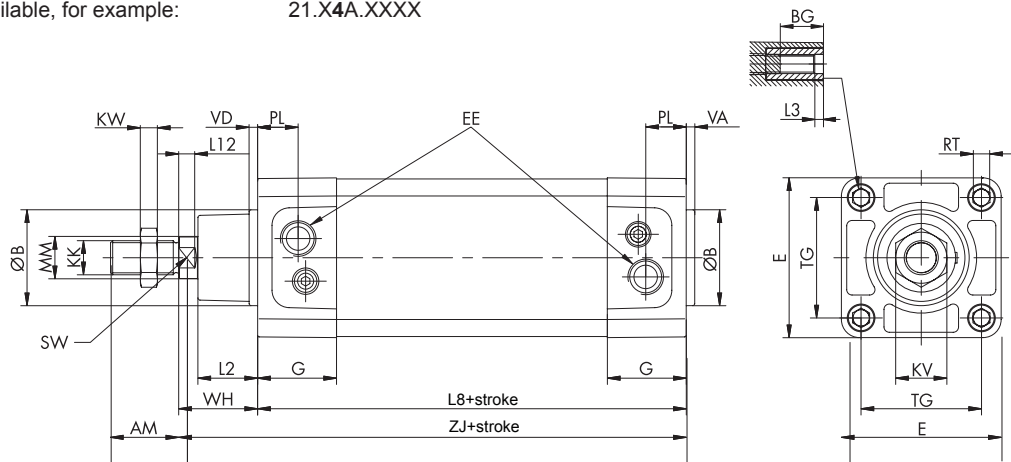
Groove cover for use with sensors, 2000mm length.

Order code: 20.001



Standard groove cover, specify length required.

Order code: 20.002



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