

# Cleanline Pneumatic Cylinder

## Double Acting Through-Rod Ø 32mm - 100mm


### Technical information

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

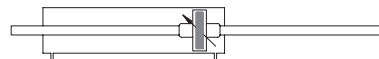


The picture above is an indication of design only.  
See dimensional drawings.

### Other information:

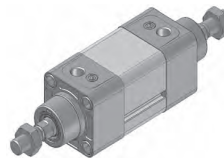
 For ATEX certification use code "X" for example 21.1XB.XXXX  
 Sensors are available for this product, see data sheets TX1004/TX1005.  
 Mountings are available for this product, see data sheets M8401/M8402/M8403.

Ø	AM	WH	L8+
32	22	26	94
40	24	30	105
50	32	37	106
63	32	37	121
80	40	46	128
100	40	51	138



### Dimensional drawings & ordering information

<b>To order:</b>	<b>21.11B.XXXX</b>	32mm bore + stroke
	<b>21.21B.XXXX</b>	40mm bore + stroke
	<b>21.31B.XXXX</b>	50mm bore + stroke
	<b>21.41B.XXXX</b>	63mm bore + stroke
	<b>21.51B.XXXX</b>	80mm bore + stroke
	<b>21.61B.XXXX</b>	100mm bore + stroke



Stainless steel piston rods are also available, for example: 21.X2B.XXXX

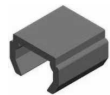
Viton seals are also available, for example: 21.X3B.XXXX

(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.X4B.XXXX

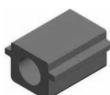
#### Length of cushioning:

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



Groove cover for use with sensors, 2000mm length.

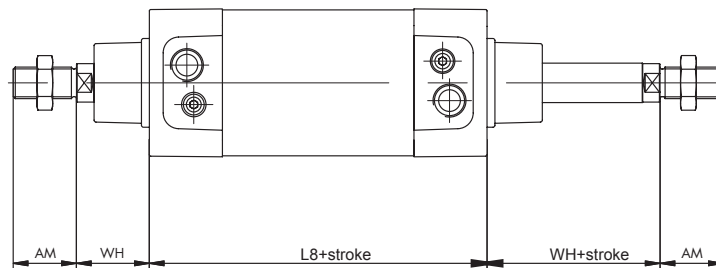
Order code: **20.001**



Standard groove cover, specify length required.

Order code: **20.002**

See "Double Acting (ISO 15552)" for additional dimensions.



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