

Cleanline Pneumatic Cylinder

Double Acting Back-to-Back 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.

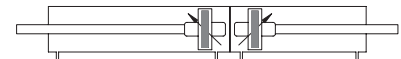


The picture above is an indication of design only.
See dimensional drawings.

Other information:

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

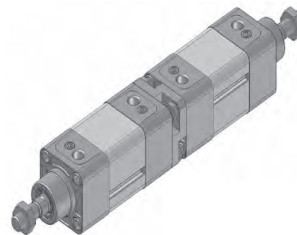
Ø	AM	WH	L8+	LC
32	22	26	94	15
40	24	30	105	15
50	32	37	106	20
63	32	37	121	20
80	40	46	128	25
100	40	51	138	25



Two standard double acting cylinders are joined together using a flange on the rear of the covers. Both cylinders operate independently of each other.

Dimensional drawings & ordering information

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



Length of cushioning:

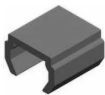
Ø 32	20mm
Ø 40	22mm
Ø 50	26mm
Ø 63	30mm
Ø 80	32mm
Ø 100	34mm

Stainless steel piston rods are also available, for example: 21.X2C.XXXX.YYYY

Viton seals are also available, for example: 21.X3C.XXXX.YYYY

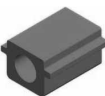
(A maximum temperature limitation of 100 C for the magnet to be effective when sensors are being used).

Both options as above are available, for example: 21.X4C.XXXX.YYYY



Groove cover for use with sensors, 2000mm length.

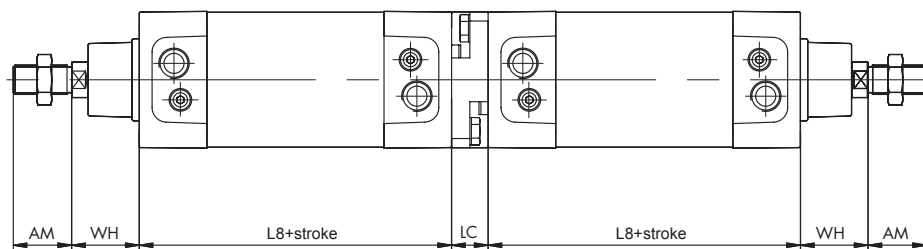
Order code: 20.001



Standard groove cover, specify length required.

Order code: 20.002

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



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