

Cleanline Pneumatic Cylinder

Double Acting Two-Stroke Tandem 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 21.1XE.XXXX.YYYY
 Sensors are available for this product, see data sheets TX1004/TX1005.
 Mountings are available for this product, see data sheets M8400/M8401/M8402/M8403.

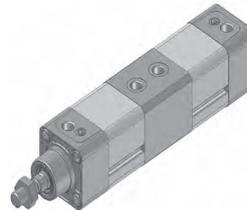
Ø	AM	WH	LR
32	22	26	188
40	24	30	210
50	32	37	212
63	32	37	242
80	40	46	256
100	40	51	276



Two separated rods pass through the cylinder covers, the back piston rod pushes against the front rod to achieve two sequential positions. The stroke length of the rear cylinder (XXXX) must be less than the stroke of the front cylinder (YYYY).

Dimensional drawings & ordering information

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



Length of cushioning:

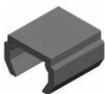
Ø 32	20mm
Ø 40	22mm
Ø 50	26mm
Ø 63	30mm
Ø 80	32mm
Ø 100	34mm

Stainless steel piston rods are also available, for example: 21.X2E.XXXX.YYYY

Viton seals are also available, for example: 21.X3E.XXXX.YYYY

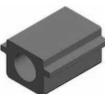
(A maximum temperature limitation of 100 C for the magnet to be effective when sensors are being used).

Both options as above are available, for example: 21.X4E.XXXX.YYYY



Groove cover for use with sensors, 2000mm length.

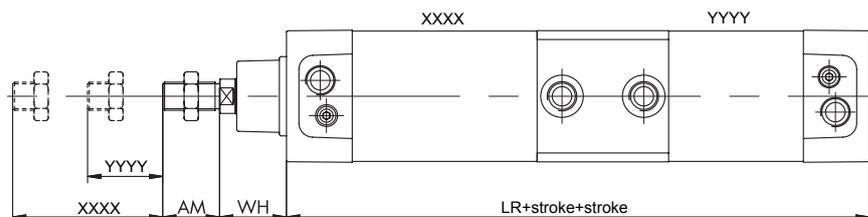
Order code: 20.001



Standard groove cover, specify length required.

Order code: 20.002

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



Impulse Automation Limited
United Kingdom
Company Registration 665193