

Cleanline Pneumatic Cylinder

Double Acting 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.

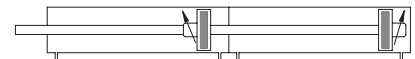


The picture above is an indication of design only.
See dimensional drawings.

Other information:

 For ATEX certification use code "X" for example 21.1XD.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.

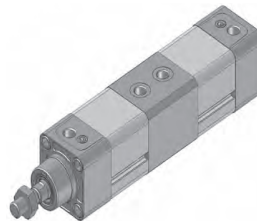
Ø	AM	WH	LR++
32	22	26	188
40	24	30	210
50	32	37	212
63	32	37	242
80	40	46	256
100	40	51	276



A single rod passing through both cylinder covers used to increase force, for this reason both cylinder strokes have to be exactly the same.

Dimensional drawings & ordering information

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



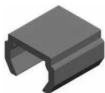
Length of cushioning:

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

Stainless steel piston rods are also available, for example: 21.X2D.XXXX

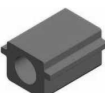
Viton seals are also available, for example: 21.X3D.XXXX
 (A maximum temperature limitation of 100 C for the magnet to be effective when sensors are being used).

Both options as above are available, for example: 21.X4D.XXXX



Groove cover for use with sensors, 2000mm length.

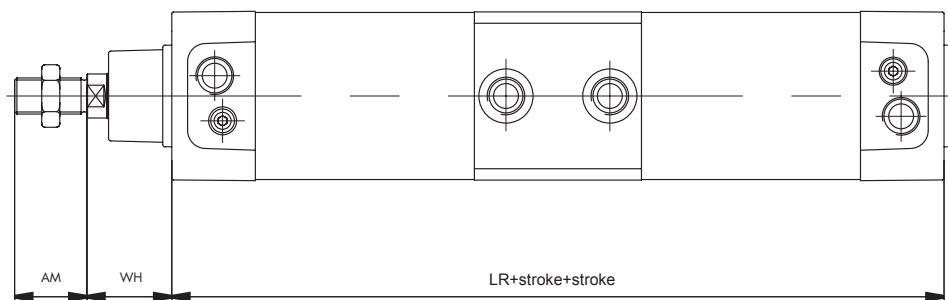
Order code: 20.001



Standard groove cover, specify length required.

Order code: 20.002

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



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