

Cleanline Pneumatic Cylinder

Double Acting Multi-Position 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.

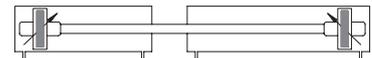


The picture above is an indication of design only.
See dimensional drawings.

Other information:

 For ATEX certification use code "X" for example 21.1X.F.XXXX.YYYY
Sensors are available for this product, see data sheets TX1004/TX1005.
Mountings are available for this product, see data sheets M8400/M8401.

Ø	FF	L8+
32	48	94
40	54	105
50	69	106
63	69	121
80	86	128
100	91	138



A single rod passes through both cylinder covers, it is possible to have multiple positions on pressurisation of the respective ports.

Dimensional drawings & ordering information

To order:	21.11F.XXXX.YYYY	32mm bore + stroke + stroke
	21.21F.XXXX.YYYY	40mm bore + stroke + stroke
	21.31F.XXXX.YYYY	50mm bore + stroke + stroke
	21.41F.XXXX.YYYY	63mm bore + stroke + stroke
	21.51F.XXXX.YYYY	80mm bore + stroke + stroke
	21.61F.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.X2F.XXXX.YYYY

Viton seals are also available, for example: 21.X3F.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.X4F.XXXX.YYYY



Groove cover for use with sensors, 2000mm length.

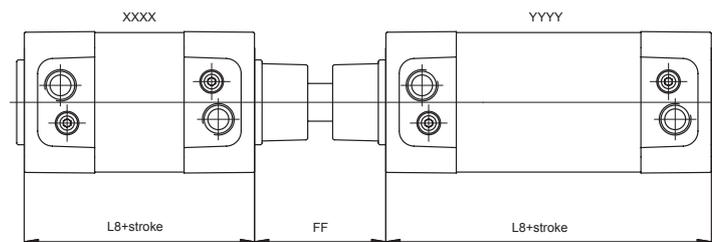
Order code: 20.001



Standard groove cover, specify length required.

Order code: 20.002

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



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