

Profile Pneumatic Cylinder

Double Acting Through-Rod \varnothing 125mm - 320mm

Technical information

Operating pressure:	Max. 10 bar
Temperature range:	-10°C...+80°C (Dry air for below 0°C)
Housing/end caps:	Aluminium
Rod:	C45 chromium plated steel (Optional stainless steel)
Seals:	NBR (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:

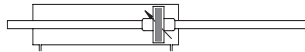
Sensors (up to \varnothing 200mm) & seal kits are available for this product, see data sheet M8404.
Mountings are available for \varnothing 125 - 200mm only, see data sheets M8405/M8406/M8407.

\varnothing	A	B	C	D	$\varnothing E$	F	G	H	I	$\varnothing J$	K	L	M	N	O	P	Q	$\varnothing R$
125	140	52	40	110	60	93	22	M12	26	32	25	27	M27x2	54	160	290	G 1/2	27.5
160	180	60	35	140	65	102	27	M16	28.5	40	45	36	M36x2	72	180	340	G 3/4	35
200	220	59	35	175	75	104	27	M16	23.5	40	60	36	M36x2	72	180	370	G 3/4	35
250	280	60	50	220	90	149	38	M20	30	50	25	46	M42x2	85	230	380	G 3/4	35
320	340	60	82	270	110	170	46	M24	30	63	28	55	M48x2	96	230	450	G 1	50

Dimensional drawings & ordering information

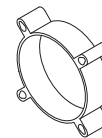
To order:

VF.125.XXXX.DOM.1	125mm bore + stroke
VF.160.XXXX.DOM.1	160mm bore + stroke
VF.200.XXXX.DOM.1	200mm bore + stroke
VF.250.XXXX.DOM.1	250mm bore + stroke
VF.320.XXXX.DOM.1	320mm bore + stroke

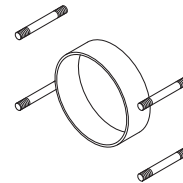


Length of cushioning:

\varnothing 125	35mm
\varnothing 160	45mm
\varnothing 200	45mm
\varnothing 250	50mm
\varnothing 320	50mm



\varnothing 125/160/200mm
internal tie-rod
tube profile.

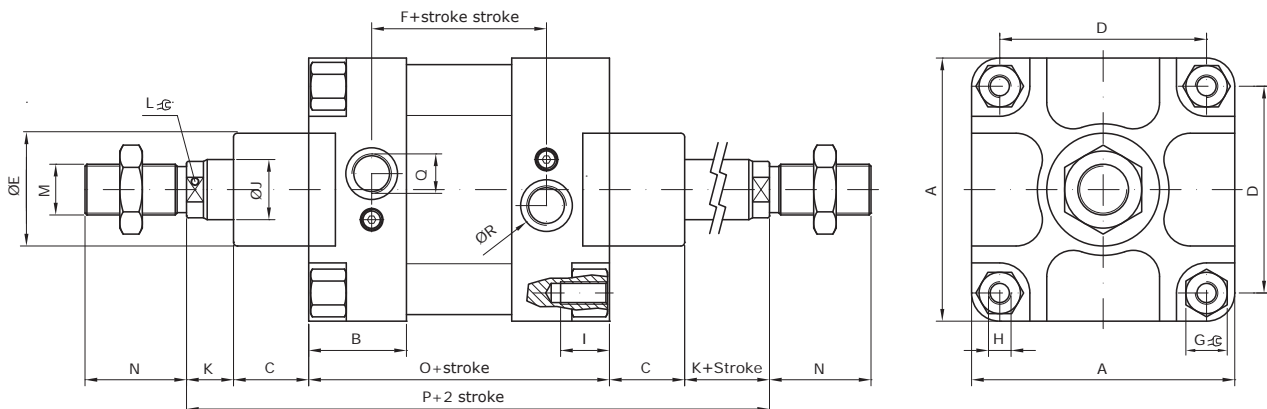


\varnothing 250/320mm
external tie-rod
tube profile.

Non-magnetic versions are also available for example: **VD.XXX.XXXX.DOM.1**

Stainless steel piston rod and/or Viton** seals are also available, for these versions a special project code will be generated by our factory.

** \varnothing 125/160/200mm only, a maximum temperature limitation of 100 C for the magnet to be effective when sensors are being used.



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