

# Profile Cylinder - Special Nose Design

## Double Acting Ø 125mm - 200mm

### Technical information

<b>Operating pressure:</b>	Max. 10 bar
<b>Temperature range:</b>	-10°C...+80°C (Dry air for below 0°C)
<b>Housing/end caps:</b>	Anodised aluminium alloy
<b>Removable nose &amp; seals:</b>	316L stainless steel/replaceable Viton wiper seal
<b>Rod:</b>	C45 chromium plated steel (Optional stainless steel)
<b>Seals:</b>	NBR/polyurethane
<b>Screws:</b>	Stainless steel AISI 304
<b>Lubricant:</b>	Not required
<b>Operating medium:</b>	5 micron filtered, lubricated or non-lubricated compressed air.



Replaceable Wiper Seal

### Other information:

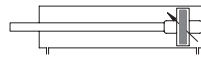
Sensors are available for this product, see data sheet M8404. Mountings are available, see data sheets M8405/M8406/M8407. Contact us for cylinder seal kits and replacement Viton wiper seals.

Ø	A	B	C	D	ØE	F	G	H	I	ØJ	K	L	M	N	O	P	Q	ØR	S
125	140	52	46	5	60	110	22	M12	26	32	19	27	M27x2	54	160	225	G1/2	27	93
160	180	60	40	5	65	140	27	M16	28.5	40	40	36	M36x2	72	180	260	G3/4	35	102
200	220	59	40	5	75	175	27	M16	23.5	40	55	36	M36x2	72	180	275	G3/4	35	104

### Dimensional drawings & ordering information

#### To order:

- 90.M125.GRXXXX** 125mm bore + stroke
- 90.M160.GRXXXX** 160mm bore + stroke
- 90.M200.GRXXXX** 200mm bore + stroke



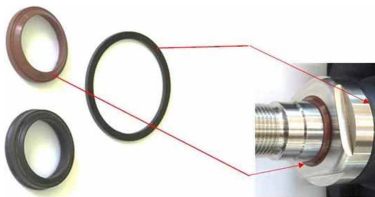
#### Length of cushioning:

- Ø 125 35mm
- Ø 160 45mm
- Ø 200 45mm

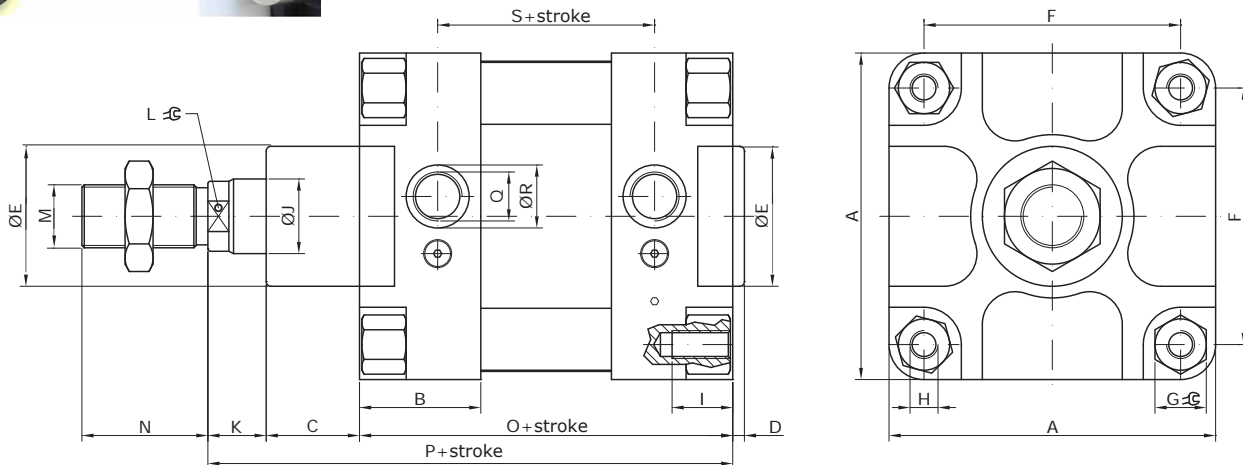
The unique nose design includes a durable Viton wiper seal that resists the ingress of dirt or aggressive medium that would otherwise penetrate the cylinder, a common problem for pneumatic cylinders which causes the deterioration of the device and ultimately reduces life expectancy. The nose can easily be removed, the Viton wiper seal effortlessly replaced, resulting in easy maintenance for continued operation.

Stainless steel piston rod is also available for example:

90.MXXXX.GMXXXX



Comprising of a Viton wiper seal, NBR rod seal and a PEHD ring mounted between the stainless steel nose and the nose of the cylinder.



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