



### FEATURES

- Cylinder equipped with low friction piston seal

### GENERAL

Ambient temperature -20°C to +70°C  
Max. speed rate 3 m/s

### CONSTRUCTION

Piston	Light alloy
Other parts	Same as standard cylinders
Through rod	Not available



### HOW TO ORDER

#### 15-DIGIT PRODUCT CODE

**G 45- A - S - - - - LFS**

**Thread connection**  
G = ISO 228/1

**Product series**  
453/450

**Revision letter**  
A = Initial release

**Diameter (mm)**  
3 = 32  
4 = 40  
5 = 50  
6 = 63  
8 = 80

**Rod options 1**  
S, ... = Consult "Rod options 1" for: [453/450](#)

**Rod options 2**  
K, A, ... = Consult "Rod options 2" for: [453/450](#)

**Options**  
LFS = Low friction piston seals - Ø 32 to 80 mm

**Recommended standard strokes (mm) <sup>(1)</sup>**

Ø mm	connect. Ø	25	50	80	100	125	160	200	250	320	400	500	630	700	800	900	1000	max. stroke
32	G1/8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	2000
40	G1/4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	2000
50	G1/4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	2000
63	G3/8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	2000
80	G3/8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	2000

<sup>(1)</sup> Other strokes on request. / Min. stroke : 5 mm

[Configurator - CAD Files](#)

#### SPARE PARTS KITS CODE

Ø (mm)	1 + 2 + 3 + 4 <sup>(1)</sup>	rod + piston unit
32	97802060	-
40	97802061	-
50	97802062	-
63	-	97802887 .... <sup>(2)</sup>
80	-	97802888 .... <sup>(2)</sup>

<sup>(1)</sup> For best results, use grease supplied in each kit. Supplementary tube (11 cm<sup>3</sup>) available on request, catalogue number: **97802100**

<sup>(2)</sup> Specify stroke length (in mm).