

OPTIONS (see page P229-3)

scraper seal

and non-abrasive

self-lubricating bearing

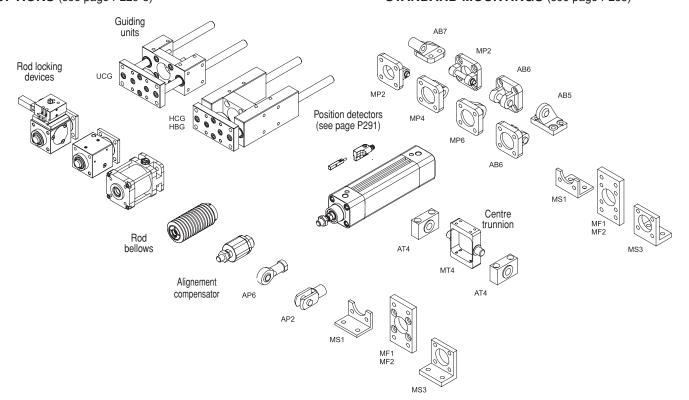
- air ports

- detection

- cushioning adjustment

STANDARD MOUNTINGS (see page P235)

for on-site positioning.



SPECIAL ASSEMBLIES (see page P229-13)

CONFIGURABLE INTO PLUG & PLAY UNITS

5/2 and 5/3 valves with mounting pad to ISO or Namur Mountings, detectors, pneumatic function fittings Custom solutions assembled and tested on delivery



numatics

CYLINDERS WITH PROFILED BARREL

Ø 32 to 100 mm - double acting ISO 15552

with pneumatic cushioning



GENERAL

Detection Equipped for magnetic position detectors Air or inert gas, filtered, lubricated or not Fluid Operating pressure

10 bar, max. [1 bar =100 kPa]

-20°C to +70°C (for higher temperature, see HTP option) Ambient temperature

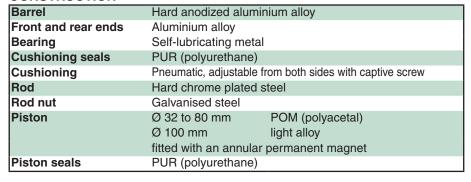
≤ 1 m/s (for optimal service life)

Max. speed rate 2 m/s (for higher and lower speed rate, see LFS option) Standards

ISO 15552

CONSTRUCTION

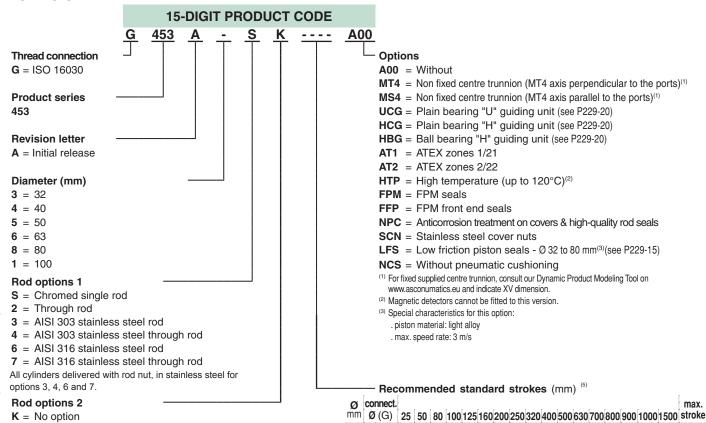
Optimal max. speed





2D/3D CAD models - In 3D

HOW TO ORDER



G1/8

G1/4

G3/8

G3/8

Strokes range available up to "max. stroke" column on the right. Please note strokes marked in grey exceed the maximum recommended.

(5) Other strokes on request. / Min. stroke: 5 mm

40 G1/4

50

63

80

100

POSITION DETECTORS

Extended piston rod, consult us

8 = Rod bellow (see P229-35)

T = Eye rod end

3 = Static rod-locking device (see P229-24)

Magnetic position detectors must be ordered separately: "T" model (see page P291), reed switch or magneto-resistive type **MOUNTINGS**

Mountings must be ordered separately: see page P235

4 = Static rod-locking device and manual operator (see P229-24)

5 = Dynamic rod-locking device - Ø 40 to 100 mm (see P229-29)

6 = Oversized piston rod - Ø 63 to 100 mm (see P229-33)

2000

2000

2000

2000

2000

2000



DIMENSIONS (mm), **WEIGHT** (kg)





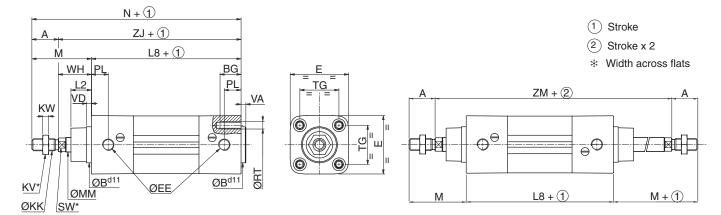
SINGLE-ROD TYPE CYLINDER

Bare cylinder ISO 15552



THROUGH-ROD TYPE CYCLINDER

Bare cylinder ISO 15552



Ø	_	ØBd11	ВG	E	ØEE	ØKK	ΚV	KW	L2	L8	М	øмм	N	PL	ØRT	SW.	TG	VA	VD	WH	ZJ	ZM	W	eight
(mm)	^	ов	ьа	_	(3)	ØKK	ΚV	IZVV	LZ	LO	IVI	SIVIIVI	14	FL	וחש	300	10	VA	min.	WII	20	ZIVI	(4)	(5)
32	22	30	16	48	G1/8	M10x1,25	16	5	17	94	48	12	142	14	M6	10	32,5 ±0,5	4	4	26	120	146	0,49	0,0029
40	24	35	16	54	G1/4	M12x1,25	18	6	19	105	54	16	159	16	M6	13	38 ±0,5	4	4	30	135	165	0,78	0,0037
50	32	40	16	66	G14	M16x1,5	24	8	24	106	69	20	175	18,5	M8	17	46,5 ±0,5	4	4	37	143	180	1,00	0,0053
63	32	45	16	78	G3/8	M16x1,5	24	8	24	121	69	20	190	19	M8	17	56,5 ±0,5	4	4	37	158	195	1,35	0,0057
80	40	45	17	96	G3/8	M20x1,5	30	10	33	128	86	25	214	16,5	M10	22	72 ±0,5	4	4	46	174	220	2,36	0,0086
100	40	55	17	115	G1/2	M20x1,5	30	10	35,5	138	91	25	229	19,5	M10	22	89 ±0,5	4	4	51	189	240	3,46	0,0099

- Thread connections G have standard thread according to ISO 16030.
- Cylinder weight at 0 mm stroke.
- Weight to be added per additional mm length.

	SPARE PARTS KITS CODE								
Ø (mm)	1+2+3+4 (1)	rod + piston unit							
32	97802343	97802736 ⁽²⁾							
40	97802344	97802737 ⁽²⁾							
50	97802345	97802738 ⁽²⁾							
63	97802346	97802739 ⁽²⁾							
80	97802347	97802740 ⁽²⁾							
100	97802259	97802741 ⁽²⁾							

For best results, use grease supplied in each kit. Supplementary tube (11 cm³) available on request, catalogue number: 97802100

⁽²⁾ Specify stroke length (in mm).