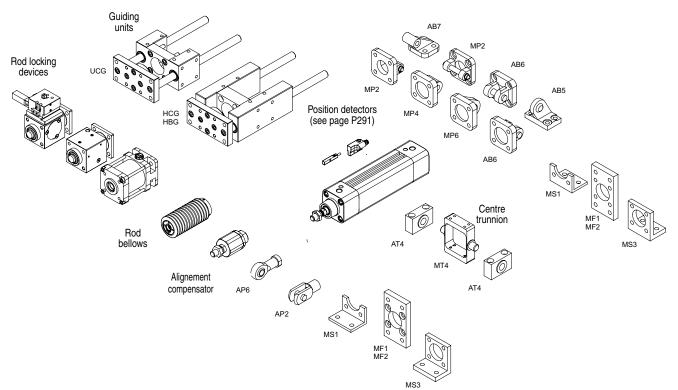


OPTIONS (see page P229-3)

scraper seal

and non-abrasive

STANDARD MOUNTINGS (see page P229-10)



CONFIGURABLE INTO PLUG & PLAY UNITS

- cushioning adjustment

- detection

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



SPECIAL ASSEMBLIES (see page P239A-1)

numatics

CYLINDERS WITH PROFILED BARREL

Ø 32 to 100 mm - double acting ISO 15552-AFNOR-DIN

with pneumatic cushioning





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

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

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

Optimal max. speed ≤ 1 m/s (for optimal service life)

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

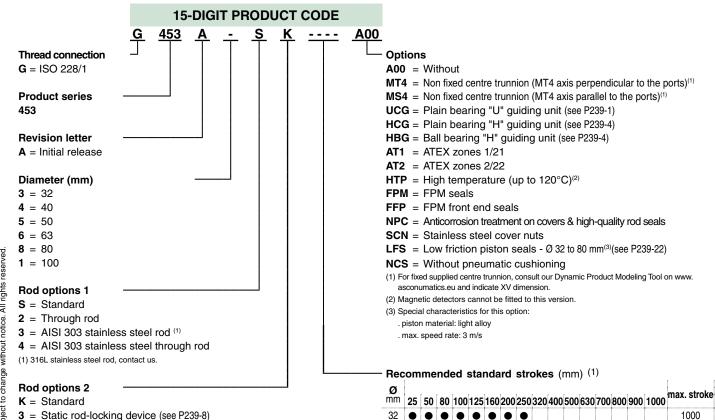
Standards ISO 15552-AFNOR NF ISO 15552-DIN ISO 15552

GENERAL

Barrel	Hard anodized aluminium alloy						
Front and rear ends	Aluminium alloy						
Bearing	Self-lubricating metal						
Cushioning seals	PUR (polyurethane)						
Cushioning	Pneumatic, adjustable from both sides with captive screw						
Rod	Hard chrome plated steel						
Rod nut	Galvanised steel						
Piston	Ø 32 to 80 mm POM (polyacetal)						
	Ø 100 mm light alloy						
	fitted with an annular permanent magnet						
Piston seals	PUR (polyurethane)						



HOW TO ORDER



40

(1) Other strokes on request,

3 = Static rod-locking device (see P239-8)

4 = Static rod-locking device and manual override (see P239-8)

5 = Dynamic rod-locking device - Ø 40 to 100 mm (see P239-13)

6 = Oversized piston rod - Ø 63 to 125 mm (see P239-18)

8 = Rod bellow (see P239-20)

T = Eye rod end

POSITION DETECTORS

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 P229-10

1500

1800

1800

2000

2000



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





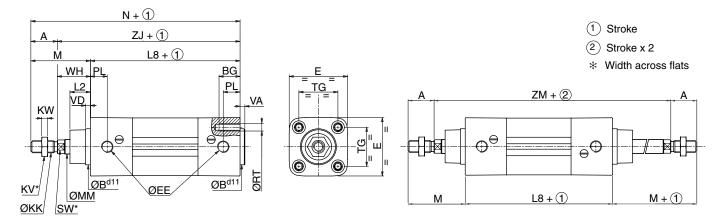
SINGLE-ROD TYPE CYLINDER

Bare cylinder ISO 15552



THROUGH-ROD TYPE CYCLINDER

Bare cylinder ISO 15552



Ø	Δ	ØBd11	ВG	F	ØEE	ØKK	ΚV	ĸw	L2	L8	м	øмм	N	PL	ØRT	SW.	TG	VA	VD	wн	ZJ	ZM	weight	
(mm)	^	DD	Ва		(3)	DICK	IV	17.44	LZ	LO	IVI	DIVIIVI	14		וווט	311	10	٧٨	min.	***	2	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 1/4-3/8-1/2 (G*) have standard combination thread according to ISO 228/1 and ISO 7/1. Thread connections G 1/8 have standard thread according to ISO 228/1
- 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**
- Specify stroke length (in mm).