

### Construction characteristics

Front cover	anodised aluminium
Rear cover	UNI 5079 aluminium alloy casting
Rod	C43 chromed steel stainless steel
Barrel	RA=0.3-0.5 anodised aluminium
Cushion bushings	hard aluminium
Piston	vulcanized rubber block on steel core with incorporated permanent magnet, or without magnet for non magnetic version (plus spacer).
Flange	zinc plated steel
Rod seal	PUR
Other seals	NBR 80 shore rubber
Cushioning adjustment screw	nickel-plated steel

### Technical characteristics

Fluid	filtered and lubricated air
Max. pressure	10 bar
Working temperature	-5°C - +70°C

Please follow the suggestions below to ensure a long life for these cylinders:

- use clean and lubricated air
- correct alignment during assembly with regard to the applied load so as to avoid radial components or bending the rod.
- avoid high speeds together with long strokes and heavy loads: this would produce kinetic energy which the cylinder cannot absorb, especially if used as a limit stop (in this case use mechanical stop device)
- evaluate the environmental characteristics of cylinder used (high temperature, hard atmosphere, dust, humidity etc.)

**Please note: air must be dried for applications with lower temperature.**

Use hydraulic oils H class (ISO Vg32) for correct continued lubrication.

Our Technical Department will be glad to help.

### Cushioning lengths

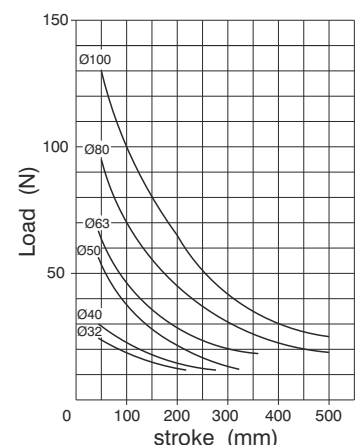
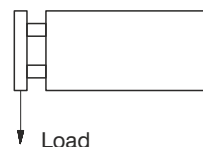
Bore	Ø	32	40	50	63	80	100
Front length	mm	22	22	24	32	32	32
Rear length	mm	28	32	32	40	44	50

### Standard strokes

<b>Ø32</b>	25 - 50 - 75 - 100 - 150 - 200 mm
<b>Ø40</b>	25 - 50 - 75 - 100 - 150 - 200 - 250 mm
<b>Ø50</b>	25 - 50 - 75 - 100 - 150 - 200 - 250 - 300 mm
<b>Ø63</b>	25 - 50 - 75 - 100 - 150 - 200 - 250 - 300 - 350 mm
<b>Ø80</b>	25 - 50 - 75 - 100 - 150 - 200 - 250 - 300 - 350 - 400 - 500 mm
<b>Ø100</b>	25 - 50 - 75 - 100 - 150 - 200 - 250 - 300 - 350 - 400 - 500 mm

### Stroke tolerance (ISO 15552)

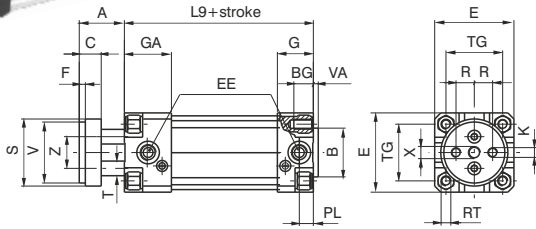
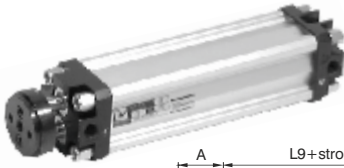
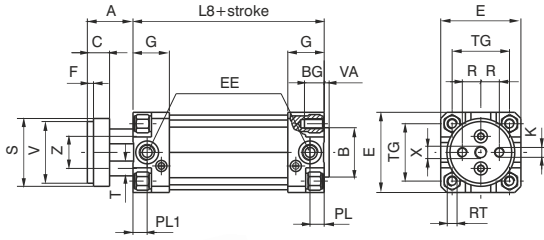
Bore	Stroke	Tolerance
32 - 40 - 50	up to 500 mm	+2
63 - 80 - 100		0



**Basic version**

Ordering code

- 1325.Ø.stroke.01 magnetic
- 1326.Ø.stroke.01 non magnetic
- 1325.Ø.stroke.01X magnetic stainless steel rod
- 1326.Ø.stroke.01X non magnetic stainless steel rod



**Extended front cover**

- 1345.Ø.stroke.01 magnetic
- 1347.Ø.stroke.01 non magnetic
- 1345.Ø.stroke.01X magnetic stainless steel rod
- 1347.Ø.stroke.01X non magnetic stainless steel rod

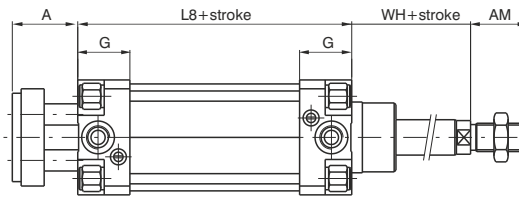
**Push-pull rod version with ISO standard**

Ordering code

- 1325.Ø.stroke.02 magnetic
- 1326.Ø.stroke.02 non magnetic

Ordering code

- 1325.Ø.stroke.02X magnetic stainless steel rod
- 1326.Ø.stroke.02X non magnetic stainless steel rod



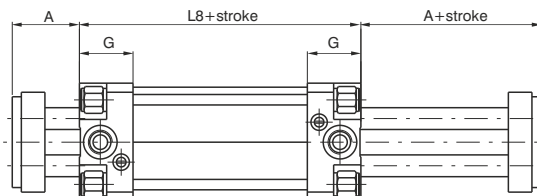
**Twin rods push-pull version**

Ordering code

- 1325.Ø.stroke.06 magnetic
- 1326.Ø.stroke.06 non magnetic

Ordering code

- 1325.Ø.stroke.06X magnetic stainless steel rod
- 1326.Ø.stroke.06X non magnetic stainless steel rod



Alesaggio	32	40	50	63	80	100		
A	26	30	37	37	46	51		
AM	22	24	32	32	40	40		
B	30	35	40	45	45	55		
BG	12	12	16	16	20	20		
C	15	15	18	22	22	22		
E	46	52	65	75	95	115		
EE	G 1/8"	G 1/4"	G 1/4"	G 3/8"	G 3/8"	G 1/2"		
F	4	4	5	5	5	5		
G	25	29	29,5	36	36	40		
GA	50	54	54,5	61	61	65		
K	M6	M8	M8	M10	M12	M12		
L8	94	105	106	121	128	138		
L9	119	130	131	146	153	163		
PL	9	11,5	13	14	16	18		
PL1	9,5	11	10,5	14	13	15		
R	9,5	11,25	15	19	25	35		
RT	M6	M6	M8	M8	M10	M10		
S	35	45	55	70	85	105		
T	8	10	12	16	20	20		
TG	32,5	38	46,5	56,5	72	89		
V	32	40	50	63	80	100		
VA	4	4	4	4	4	4		
Z	18	22	26	35	40	50		
WH	26	30	37	37	46	51		
X	M8	M10	M10	M12	M14	M14		
Weight	Stroke	Basic version	560	810	1380	2300	3680	5740
gr.	0	Extended ver.	650	950	1500	2500	4100	6300
	every 10 mm		20	26	30	40	80	90

### Magnetic sensors

For sensor and sensor support bracket please refer to the 1319 and 1320 series.

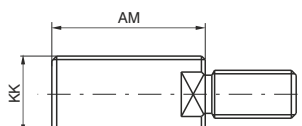
### Accessories

All of the attachments of the ISO 1552 can be mounted, with the exclusion of the front flange and the foot mounting bracket that, although they are part of the same series, need a small adjustment in the exit zone of the rods. For these there is a different code and the dimensions are indicated below.

#### Threaded Nipple

Ordering code

**1325.Ø.17F**

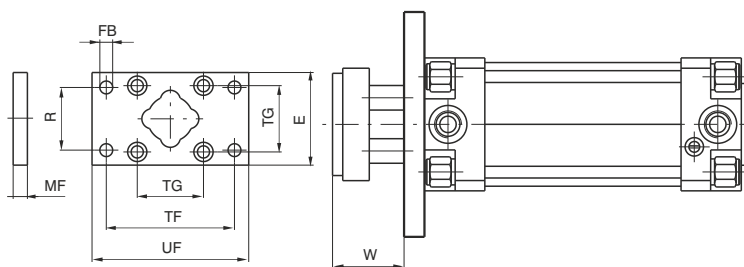
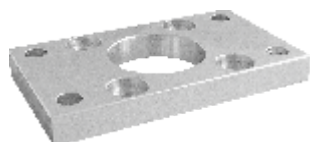


Bore	32	40	50	63	80	100
AM	22	24	32	35	40	40
KK	M10x1,25	M12x1,25	M16x1,5	M16x1,5	M20x1,5	M20x1,5
Weight gr.	17	27	63	65	110	110

#### Front flange

Ordering code

**1325.Ø.03F**

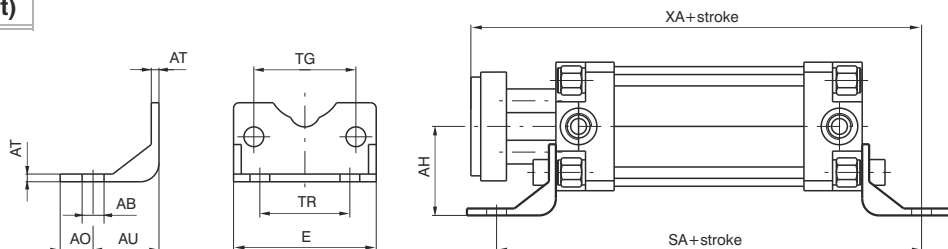
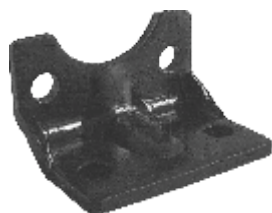


Bore	32	40	50	63	80	100
E	45	52	65	75	95	115
FB (H13)	7	9	9	9	12	14
MF (JS 14)	10	10	12	12	16	16
R (JS 14)	32	36	45	50	63	75
TF (JS 14)	64	72	90	100	126	150
TG	32,5	38	46,5	56,5	72	89
UF	80	90	110	120	150	170
W	16	20	25	25	30	35
Weight gr.	160	250	480	620	1430	3500

#### Front foot mounting bracket (short)

Ordering code

**1325.Ø.05/1F**  
(1 piece)



Bore	32	40	50	63	80	100
AB (H14)	7	9	9	9	12	14
AH (JS 15)	32	36	45	50	63	71
AO (± 0,2)	11	8	13	13	14	15
AT	3,5	3,5	3,5	4,5	5	5
AU	24	28	32	32	41	41
E	45	52	65	75	95	115
SA	142	161	170	185	210	220
TG	32,5	38	46,5	56,5	72	89
TR (JS 14)	32	36	45	50	63	75
XA	144	163	175	190	215	230
Weight gr.	50	70	120	180	320	400