Ordering code

6110.Ø.stroke. C . _

- **32**
- **40**
- **50**
- **63**

- Side supply ports closed
- **L** = Top supply ports closed

Construction characteristics

Body	anodised aluminium
Guide rods	tempered and chromed steel
Piston	aluminium
Piston rod	C43 chromed steel
Rods bushing	bearing bushing
End plate	anodised aluminium
Piston seal	oil resistant NBR rubber
Piston rod seal	PUR
External rod scraper	brass
Internal rod scraper	NBR
Plate	nickel plated steel

The cylinders are equipped with 4 rod scrapers on the guide rods and 1 rod scraper on the central piston rod

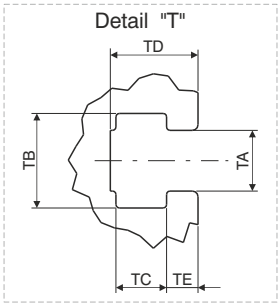
Technical characteristics

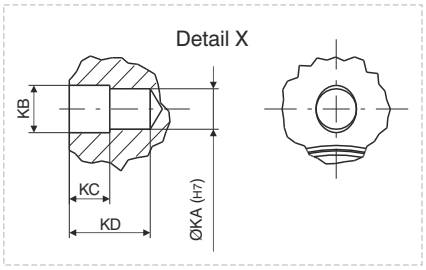
Function	double acting
Fluid	filtered air, if lubricated, the lubrication must be continuous
Working pressure	max. 10 bar
Working temperature	-5°C - +70°C
Cushioning	elastic bumper on both ends

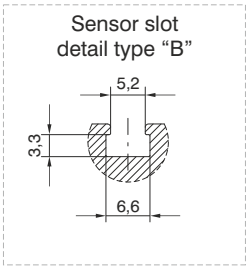
Standard strokes

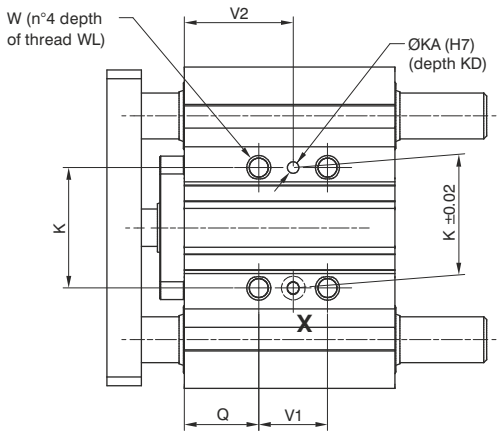
	Stroke									
Bore	**10**	**20**	**25**	**50**	**75**	**100**	**125**	**150**	**175**	**200**
Ø32			●	●	●	●	●	●	●	●
Ø40			●	●	●	●	●	●	●	●
Ø50			●	●	●	●	●	●	●	●
Ø63			●	●	●	●	●	●	●	●

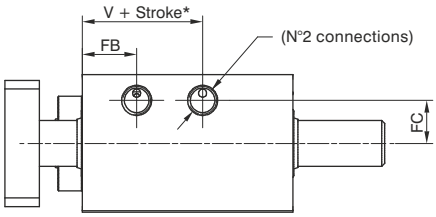
Intermediate strokes can be obtained using spacers with defined length (5, 10, 15, 20 mm).
Example: It is possible to obtain a **6110.32.45.B** cylinder from a **6110.32.50.B** cylinder by inserting a spacer with length of 5 mm.
The intermediate strokes manufactured without the use of spacers are considered special executions.

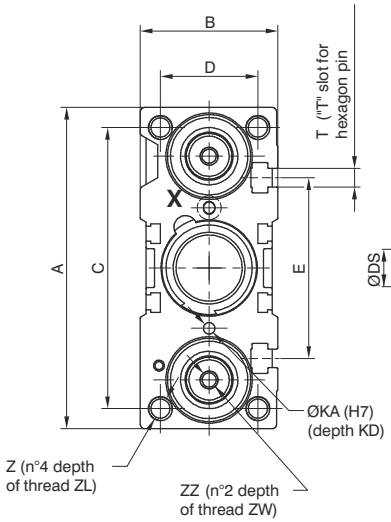

Detail "T"
TD
TB
TA
TC
TE

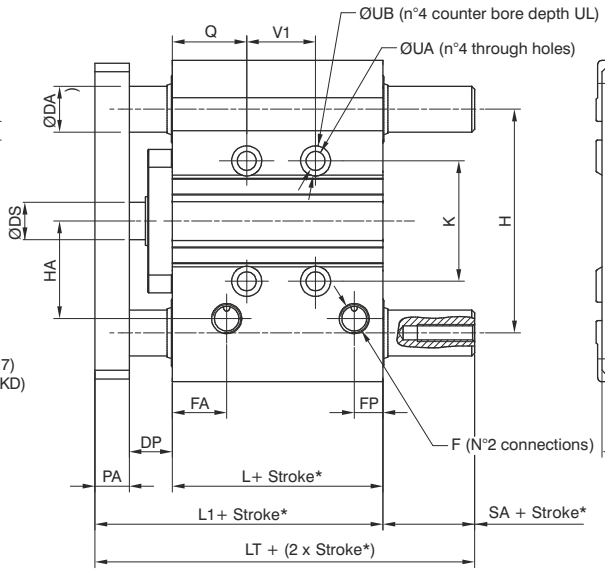

Detail X
KB
KC
KD
ØKA (H7)

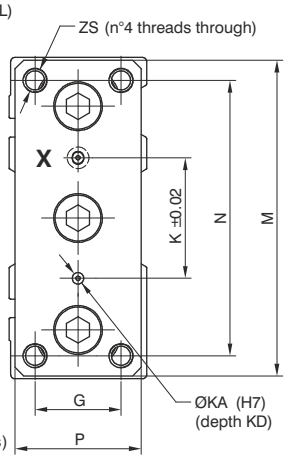

Sensor slot
detail type "B"
5,2
3,3
6,6


W (n°4 depth
of thread WL)
V2
ØKA (H7)
(depth KD)
K
K ±0.02
X
Q
V1


V + Stroke*
FB
(N°2 connections)
FC


B
D
T ("T" slot for
hexagon pin
X
A
C
E
ØKA (H7)
(depth KD)
Z (n°4 depth
of thread ZL)
ZZ (n°2 depth
of thread ZW)


Q
V1
ØUB (n°4 counter bore depth UL)
ØUA (n°4 through holes)
ØDA
ØDS
HA
K
H
FA
FP
DP
PA
L+ Stroke*
L1+ Stroke*
SA + Stroke*
LT + (2 x Stroke*)
F (N°2 connections)


ZS (n°4 threads through)
X
K ±0.02
N
M
G
P
ØKA (H7)
(depth KD)

5

Bore	Ø32	Ø40	Ø50	Ø63
Table of dimensions				
A	112	120	148	162
B	48	54	64	78
C	98	106	130	142
D	34	40	46	58
DA	16	16	20	20
DP	15	20	23	23
DS	16	16	20	20
E	63	72	92	110
F	G1/8"	G1/8"	G1/4"	G1/4"
FA	19	13	13	14
FB	19	13	13	14
FC	15	18	21,5	28
FP	10	11	11	12,5
G	30	30	40	50
H	78	86	110	124
HA	34	38	47	55
K	42	50	66	80
KA	4	4	5	5
KB	4,5	4,5	6	6
KC	3	3	4	4
KD	6	6	8	8
L	48,5	50	50	55
L1	75,5	82	88	93
LT	82,5	89	93	100
M	110	118	146	158
N	96	104	130	130
PA	12	12	15	15
P	44	44	60	70
Q	26	22	24	24
SA	7	7	5	7
T	M6	M6	M8	M10
TA	6,5	6,5	8,5	11
TB	10,5	10,5	13,5	17,8
TC	5,5	5,5	7,5	10
TD	9,5	11	13,5	18,5
TE	3,5	4	4,5	7
UA	6,6	6,6	8,6	8,6
UB	11	11	14	14
UL	7,5	7,5	9	9
V	17	19	15	20
V1	See table 1			
V2				
W	M8x1,25	M8x1,25	M10x1,5	M10x1,5
WL	16	16	20	20
Z	M8x1,25	M8x1,25	M10x1,5	M10x1,5
ZL	20	20	22	22
ZS	M8x1,25	M8x1,25	M10x1,5	M10x1,5
ZZ	M6	M8	M10	M10
ZW	20	20	25	25

Table 1	V1			V2		
Bore	stroke≤25	25<stroke≤100	100<stroke≤200	stroke≤25	25<stroke≤100	100<stroke≤200
Ø32	24	48	124	38	50	88
Ø40				34	46	84
Ø50				36	48	86
Ø63	28	52	128	38	50	88

5