

**COMPACT
PNEUMATIC CYLINDER
PK-A SERIES Ø32- Ø100**



**PK-A SERIES**

COMPACT - Ø32 - Ø100

COMPACT MAGNETIC CYLINDER

NEED HIGHER POWER IN A TIGHTER SPACE? PK-A IS THE PERFECT CHOICE



PK: COMPACT CYLINDERS WITH DOUBLE ACTING



PK-A: MAGNETIC COMPACT CYLINDERS WITH DOUBLE ACTING

Example of order:

PK-A
Product Code

032-025
Cylinder Ø
Stroke

K1 M1
Variants from
Standard System

VARIANTS FROM STANDARD SYSTEM:

R1: Stainless Steel Piston Rod (SS 304-SS 316)

R4: Stainless Steel Nut for Piston Rod (SS 304)

R5: Piston Rod as CK45 (Hard Chrome Plated)

M1: Extended male Piston Rod Thread

M3: Special Piston Rod Thread

M4: Extended Piston Rod

K1: Seals for Max. 150°C (Viton)

K4: Piston Rod Seal Viton

Force:

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 Bar)	
		Thrust Force (N)	Traction Force (N)
32	12	482	415
40	12	754	687
50	16	1178	1058
63	16	1869	1750
80	20	3014	2829
100	25	4710	4420

Working Fluid:

Filtered and lubricated or filtered and not lubricated air

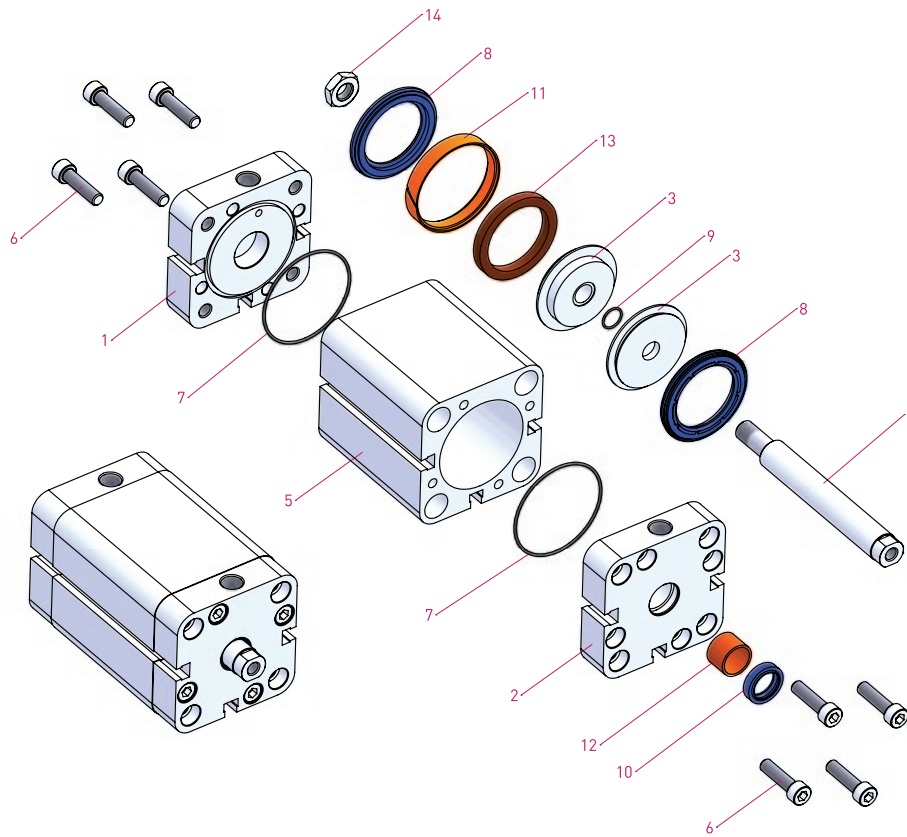
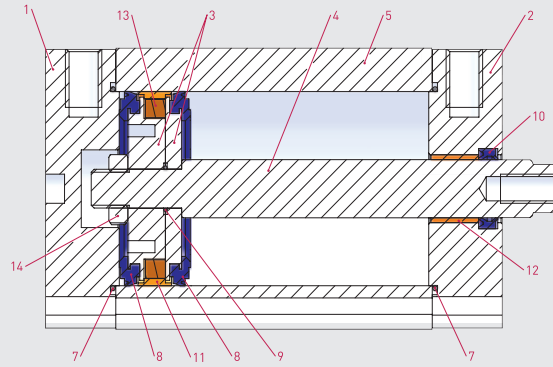
Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+180°C)

Max. Work Pressure:

10 Bar

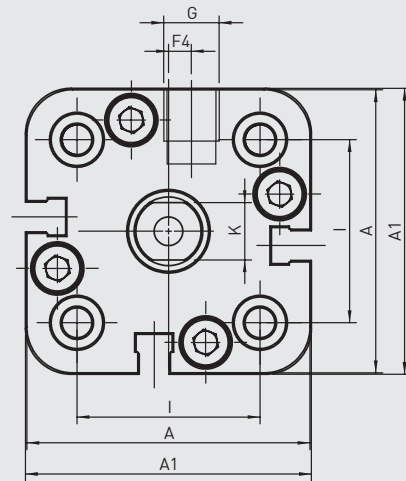
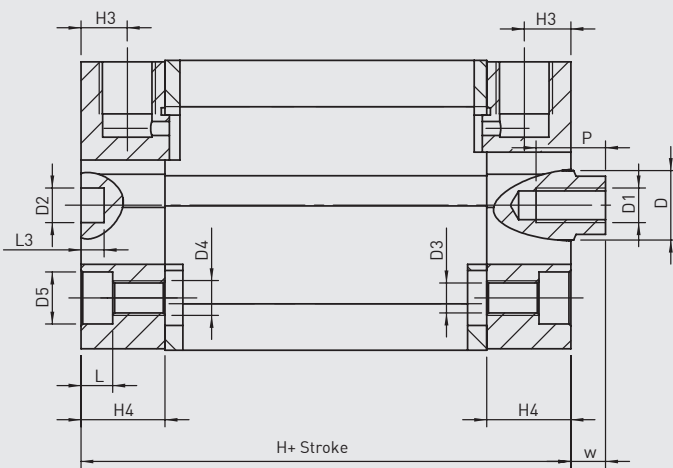


No	MATERIAL NAME	CHARACTERISTIC	PC.
1	Rear Head	Aluminium	1
2	Front Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Piston Rod	X20 Cr13 Hard Chrome Plated	1
5	Tube	Al Mg S 0,5+Eloxal Plated	1
6	Bolt	Stainless Steel	8
7	Head O-ring	NBR	2

No	MATERIAL NAME	CHARACTERISTIC	PC.
8	Piston Seal	PU	2
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU	1
11	Guiding Band	Polyacetal	1
12	Guiding Bush	CSB-40	1
13	Magnet		1
14	Nut	Galvanized Steel	1



PK-A SERIES
COMPACT - Ø32 - Ø100

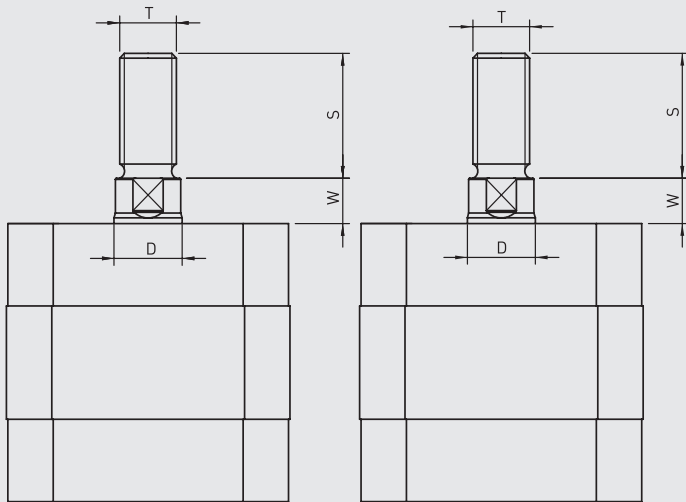


Cylinder Ø mm	A	A1	D Ø	D1 Ø	D2 Ø	D3 Ø	D4 Ø	D5 Ø	F4	G	H	H3	H4	I	K	L	L3	P	W
32	49,5	50	12	M6	6	5,2	M6	9	4	1/8"	44,5	8	14,5	32	10	5,5	4	12	6
40	57,5	58	12	M6	6	5,2	M6	9	3	1/8"	45,5	8	14,75	42	10	5,5	4	12	6,5
50	66,5	67	16	M8	6	6,7	M8	10,5	0	1/8"	45,5	8	14,75	50	13	6,5	4	12	7,5
63	79,5	80	16	M8	8	8,7	M10	13,5	0	1/8"	50	8	14,75	62	13	8,5	4	14	7,5
80	99,5	100	20	M10	8	8,7	M10	13,5	0	1/8"	56	8,5	16,5	82	17	8,5	4	15	8
100	123,5	124	25	M12	8	8,7	M10	13,5	0	1/4"	66,5	10,5	19,75	103	22	8,5	4	20	10



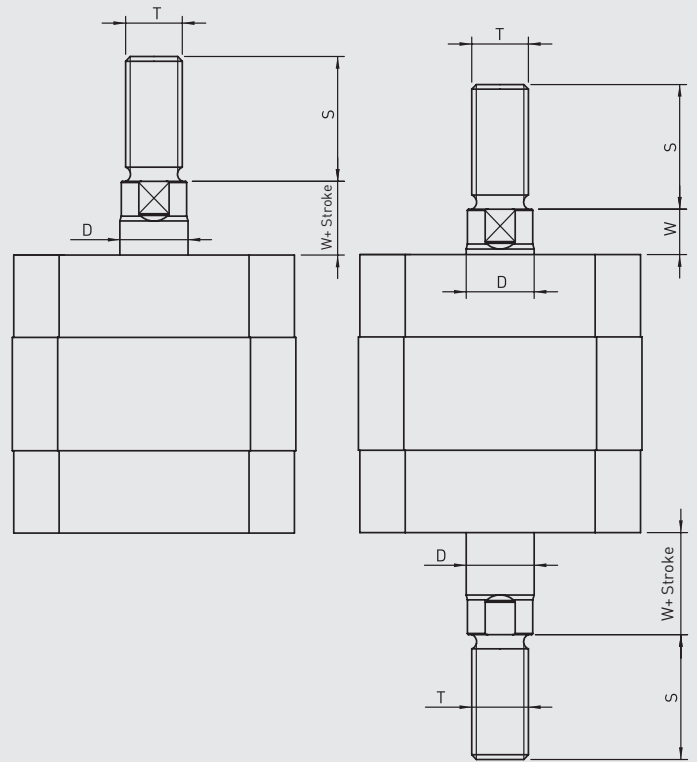
PK-T

PKS-T



PKE-T

PKD-T



Cylinder type	Cylinder Ø mm	D	S	T	W
	32	12	22	M10x1.25	6
	40	12	22	M10x1.25	6.5
PK-PKS	50	16	24	M12x1.25	7.5
PKE-PKD	63	16	24	M12x1.25	7.5
	80	20	32	M16x1.5	8
	100	25	40	M20x1.5	10

**COMPACT
PNEUMATIC CYLINDERS
PKY-A SERIES Ø32- Ø100**



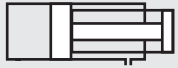


PKY-A SERIES

COMPACT - Ø32 - Ø100

ANTIROTARY COMPACT CYLINDER
WITH MAGNET

SUITABLE FOR USE IN CARRIAGE
AND TAKE POSITION WITH
ANTIROTARY PISTON ROD
SPECIALTY



PKY: ANTIROTARY - COMPACT
CYLINDERS WITH DOUBLE ACTING



PKY-A: ANTIROTARY - MAGNETIC -
COMPACT CYLINDERS WITH DOUBLE
ACTING

Example of order:

PKY-A
Product Code

032-100
Cylinder Ø
Stroke

R1 K1
Variants from
Standard System

VARIANTS FROM STANDARD SYSTEM:

R1: Stainless Steel Piston Rod (SS 304-SS 316)
R4: Stainless Steel Nut for Piston Rod (SS 30)
R5: Piston Rod as CK45 (Hard Chrome Plated)
M4: Extended Piston Rod
K1: Seals for Max. 150°C (Viton)
K4: Piston Rod Seal Viton

Force:

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 Bar)	
		Thrust Force (N)	Traction Force (N)
32	12	482	415
40	12	754	687
50	16	1178	1058
63	16	1869	1750
80	20	3014	2829
100	25	4710	4420

Working Fluid:

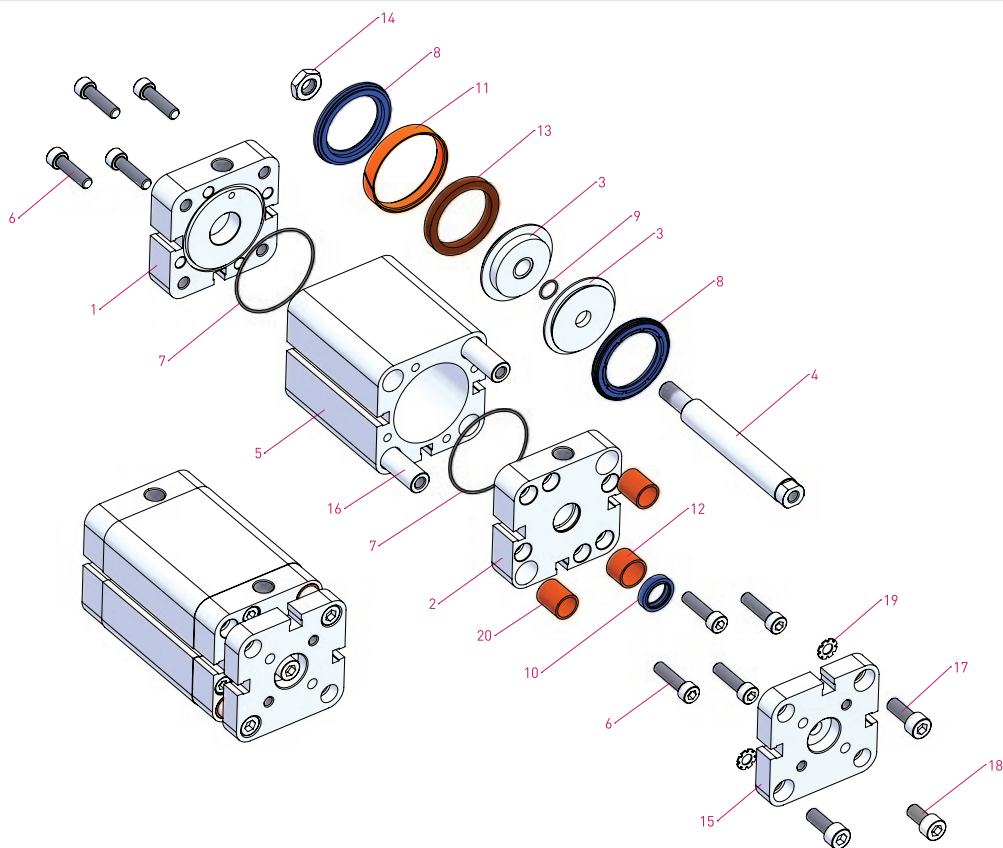
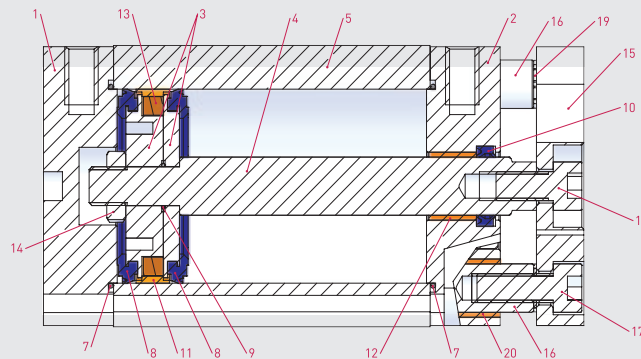
Filtered and lubricated or filtered and not lubricated air

Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)
Viton (FKM) : (-30°C) - (+180°C)

Max. Work Pressure:

10 Bar

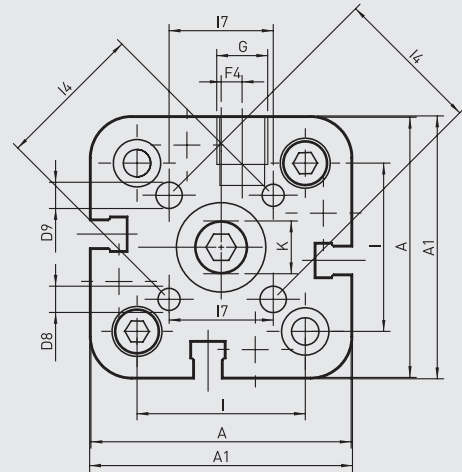
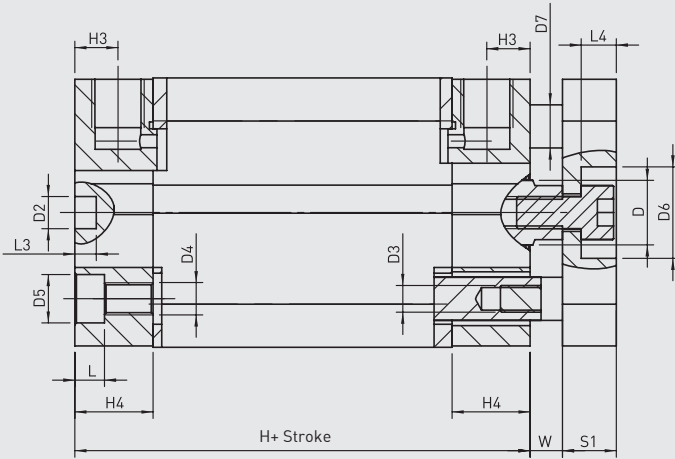


No	MATERIAL NAME	CHARACTERISTIC	PC.
1	Rear Head	Aluminium	1
2	Front Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Piston Rod	X20 Cr13 Hard Chrome Plated	1
5	Tube	Al Mg Si 0,5+Eloxal Plated	1
6	Bolt	Stainless Steel	8
7	Head O-ring	NBR	2
8	Piston Seal	PU	2
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU	1

No	MATERIAL NAME	CHARACTERISTIC	PC.
11	Guiding Band	Polyacetal	1
12	Guiding Bush	CSB-40	1
13	Magnet		1
14	Nut	Galvanized Steel	1
15	Bracket	Aluminium	1
16	Rod	X20Cr13 Hard Chrome Plated	2
17	Bolt	Galvanized Steel	2
18	Bolt	Galvanized Steel	1
19	Rondela		2
20	Guiding Bush	CSB-40	2



PKY-A SERIES
COMPACT - Ø32 - Ø100



Cylinder Ø mm	A	A1	D Ø	D2 Ø	D3 Ø	D4 Ø	D5 Ø	D6 Ø	D7 Ø	D8 Ø	D9 Ø	F4
32	49,5	50	12	6	5,2	M6	9	17	8	M5	5	4
40	57,5	58	12	6	5,2	M6	9	17	10	M5	5	3
50	66,5	67	16	6	6,7	M8	10,5	22	10	M6	6	0
63	79,5	80	16	8	8,7	M10	13,5	22	10	M6	6	0
80	99,5	100	20	8	8,7	M10	13,5	28	14	M8	8	0
100	123,5	124	25	8	8,7	M10	13,5	30	14	M10	10	0

G	H	H3	H4	I	I4	I7	K	L	L3	L4	S1	W
1/8"	44,5	8	14,5	32	28	19,8	10	5,5	4	6,5	10	6
1/8"	45,5	8	14,75	42	33	23,3	10	5,5	4	6,5	10	6,5
1/8"	45,5	8	14,75	50	42	29,7	13	6,5	4	8,5	12	7,5
1/8"	50	8	14,75	62	50	35,4	13	8,5	4	8,5	12	7,5
1/8"	56	8,5	16,5	82	65	46	17	8,5	4	9	14	8
1/4"	66,5	10,5	19,75	103	80	56,6	22	8,5	4	10	14	10

**COMPACT
PNEUMATIC CYLINDERS
PKD-A SERIES Ø32- Ø100**



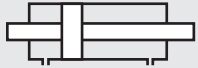


PKD-A SERIES

COMPACT - Ø32 - Ø100

COMPACT CYLINDER
WITH MAGNET AND DOUBLE ROD

POSSIBILITY FOR DOUBLE
DIRECTION RUN WITH IDENTITY
STROKES COMPACT DIMENSION



PKD: COMPACT CYLINDERS WITH
DOUBLE ACTING WITH DOUBLE ROD



PKD-A: COMPACT MAGNETIC
CYLINDERS WITH DOUBLE ACTING
WITH DOUBLE ROD

Example of order:

PKD-A
Product Code

032-050
Cylinder Ø
Stroke

M1 M3
Variants from
Standard System

VARIANTS FROM STANDARD SYSTEM:

- R1: Stainless Steel Piston Rod (SS 304-SS 316)
- R4: Stainless Steel Nut for Piston Rod (SS 304)
- R5: Piston Rod as CK45 (Hard Chrome Plated)
- M1: Extended male Piston Rod Thread
- M3: Special Piston Rod Thread
- M4: Extended Piston Rod
- K1: Seals for Max. 150°C (Viton)
- K4: Piston Rod Seal Viton

Force:

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 Bar)	
		Thrust Force (N)	Traction Force (N)
32	12	415	415
40	12	687	687
50	16	1058	1058
63	16	1750	1750
80	20	2829	2829
100	25	4420	4420

Working Fluid:

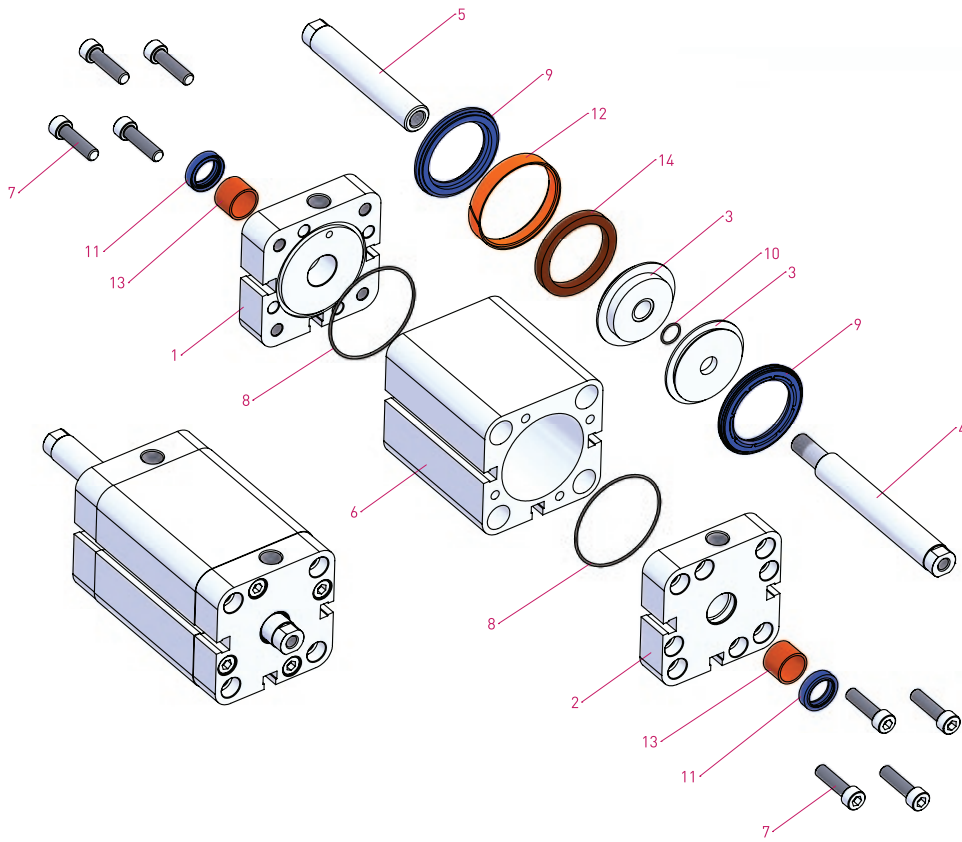
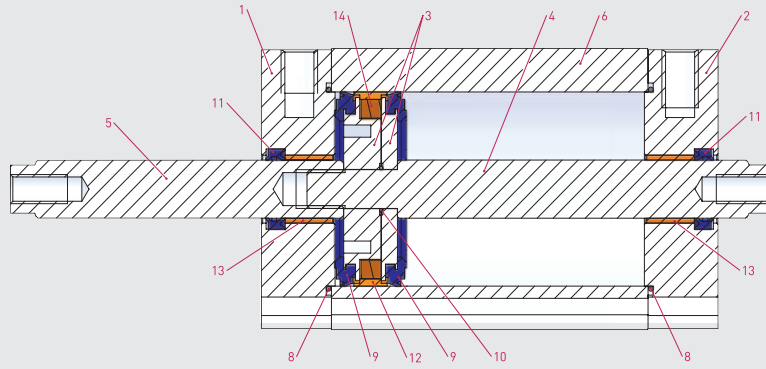
Filtered and lubricated or filtered and not lubricated air

Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)
Viton (FKM) : (-30°C) - (+180°C)

Max. Work Pressure:

10 Bar

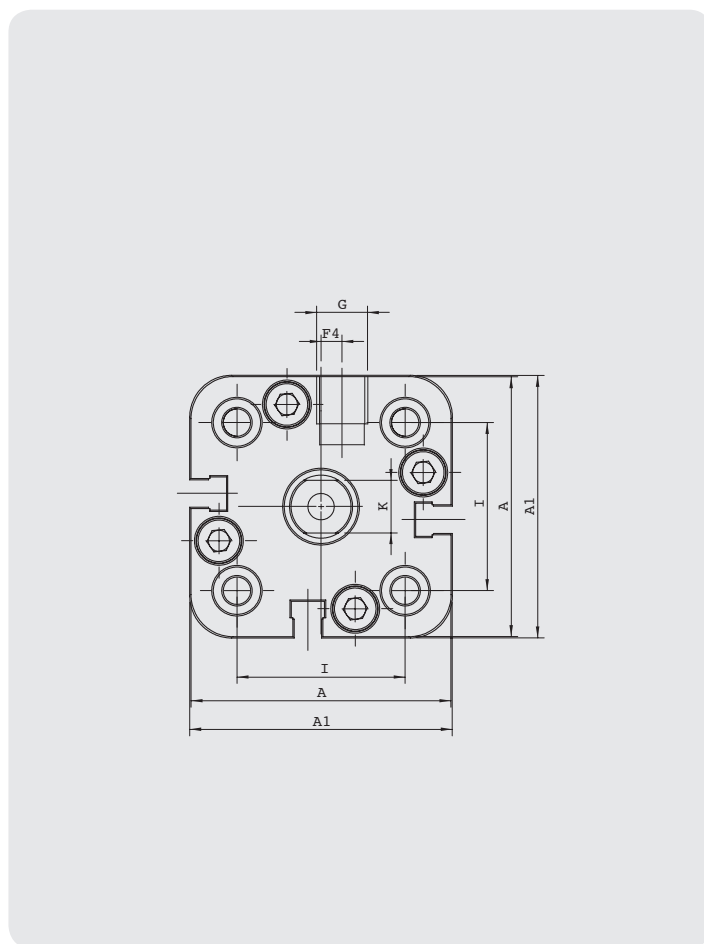
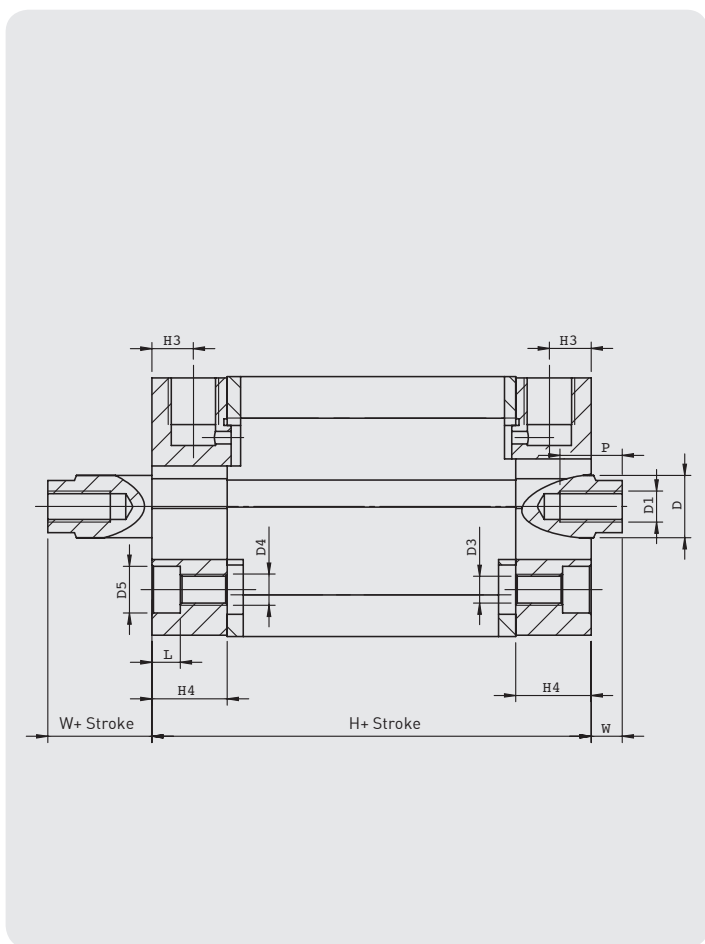


No	MATERIAL NAME	CHARACTERISTIC	PC.
1	Head	Aluminium	1
2	Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Male Piston Rod	X20 Cr13 Hard Chrome Plated	1
5	Female Piston Rod	X20 Cr13 Hard Chrome Plated	1
6	Tube	Al Mg Si 0,5 + Eloxal Plated	1
7	Bolt	Stainless Steel	8

No	MATERIAL NAME	CHARACTERISTIC	PC.
8	Head O-ring	NBR	2
9	Piston Seal	PU	2
10	Middle Piston O-ring	NBR	1
11	Rod Seal	PU	2
12	Guiding Band	Polyacetal	1
13	Guiding Bush	CSB-40	2
14	Magnet		1



PKD-A SERIES
COMPACT - Ø32 - Ø100

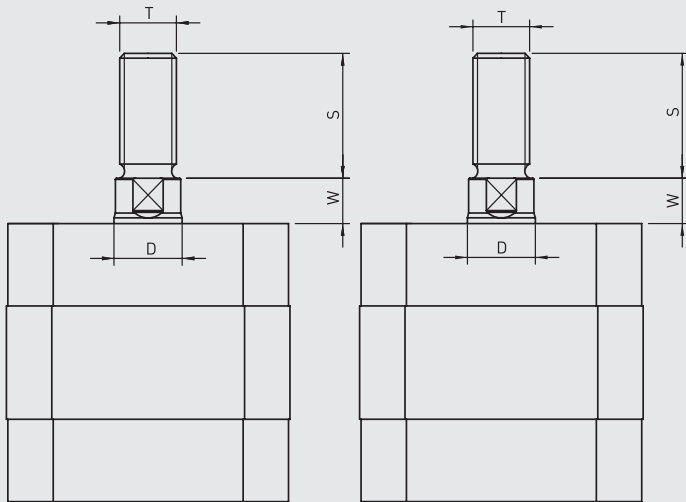


Cylinder Ø mm	A	A1	D Ø	D1 Ø	D2 Ø	D3 Ø	D4 Ø	D5 Ø	F4	G	H	H3	H4	I	K	L	P	W
32	49,5	50	12	M6	6	5,2	M6	9	4	1/8"	44,5	8	14,5	32	10	5,5	12	6
40	57,5	58	12	M6	6	5,2	M6	9	3	1/8"	45,5	8	14,75	42	10	5,5	12	6,5
50	66,5	67	16	M8	6	6,7	M8	10,5	0	1/8"	45,5	8	14,75	50	13	6,5	12	7,5
63	79,5	80	16	M8	8	8,7	M10	13,5	0	1/8"	50	8	14,75	62	13	8,5	14	7,5
80	99,5	100	20	M10	8	8,7	M10	13,5	0	1/8"	56	8,5	16,5	82	17	8,5	15	8
100	123,5	124	25	M12	8	8,7	M10	13,5	0	1/4"	66,5	10,5	19,75	103	22	8,5	20	10



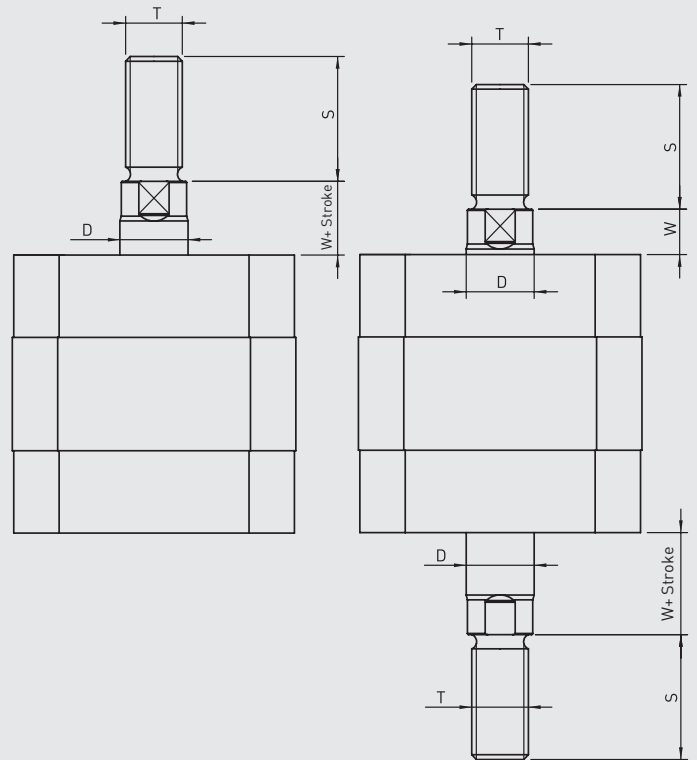
PK-T

PKS-T



PKE-T

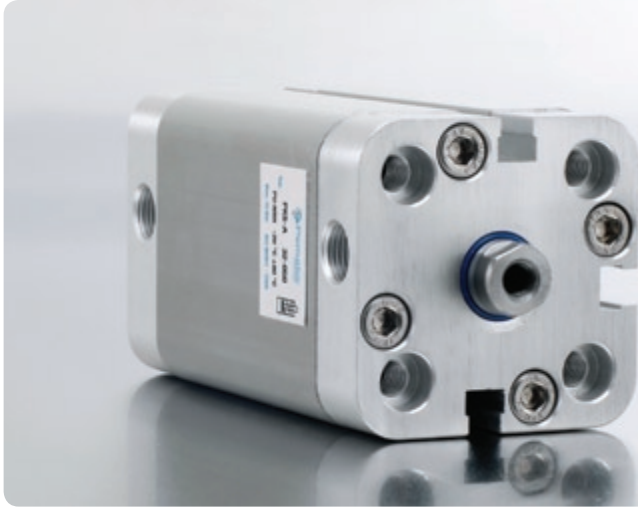
PKD-T



Cylinder type	Cylinder Ø mm	D	S	T	W
	32	12	22	M10x1.25	6
	40	12	22	M10x1.25	6.5
PK-PKS	50	16	24	M12x1.25	7.5
PKE-PKD	63	16	24	M12x1.25	7.5
	80	20	32	M16x1.5	8
	100	25	40	M20x1.5	10

**COMPACT
PNEUMATIC CYLINDERS
PKS-A SERIES Ø32- Ø100**



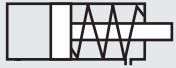


PKS-A SERIES

COMPACT - Ø32 - Ø100

COMPACT CYLINDER
WITH MAGNET AND FRONT SPRING

WITH SINGLE ACTING USAGE
PROVIDES MINIMUM AIR
CONSUMPTION AND EQUIPMENT
COSTS



PKS: COMPACT CYLINDERS WITH
SINGLE ACTING (SPRINGED FROM
FRONT)



PKS-A: MAGNETIC COMPACT
CYLINDERS WITH SINGLE ACTING
(SPRINGED FROM FRONT)

Example of order:

PKS-A

Product Code

032-050

Cylinder Ø
Stroke

M1

Variants from
Standard System

VARIANTS FROM STANDARD SYSTEM:

R1: Stainless Steel Piston Rod (SS 304-SS 316)

R4: Stainless Steel Nut for Piston Rod (SS 304)

R5: Piston Rod as CK45 (Hard Chrome Plated)

M1: Extended male Piston Rod Thread

M3: Special Piston Rod Thread

M4: Extended Piston Rod

K1: Seals for Max. 150°C (Viton)

K4: Piston Rod Seal Viton

Force:

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 Bar)	
		Thrust Force (N)	Traction Force (N)
32	12	450	16
40	12	708	23
50	16	1120	30
63	16	1800	35
80	20	2900	60
100	25	4520	100

Working Fluid:

Filtered and lubricated or filtered and not lubricated air

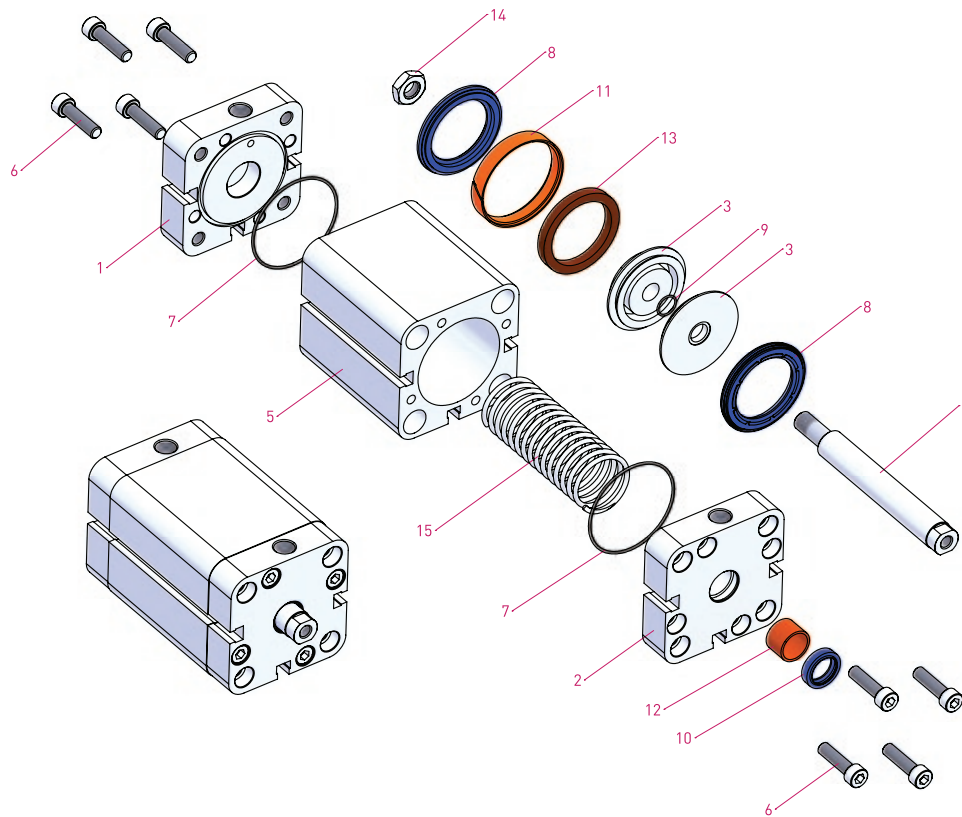
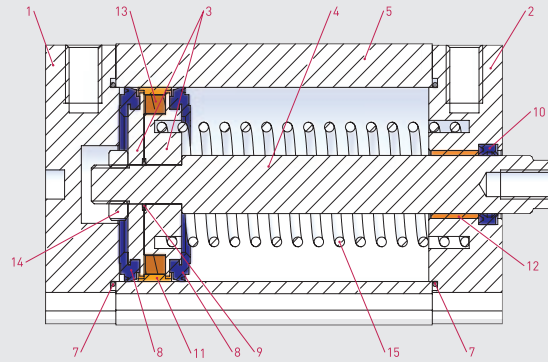
Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+180°C)

Max. Work Pressure:

10 Bar

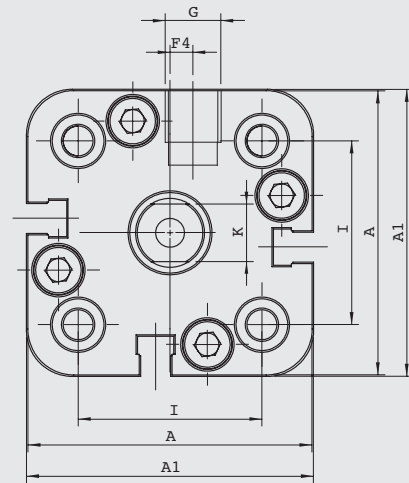
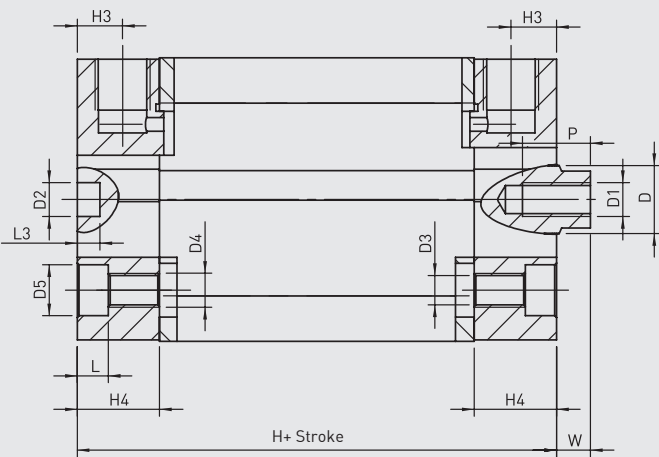


No	MATERIAL NAME	CHARACTERISTIC	PC.
1	Rear Head	Aluminium	1
2	Front Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Piston Rod	X20 Cr13 Hard Chrome Plated	1
5	Tube	Al Mg Si 0,5 + Eloxal Plated	1
6	Bolt	Stainless Steel	8
7	Head O-ring	NBR	2
8	Piston Seal	PU	2

No	MATERIAL NAME	CHARACTERISTIC	PC.
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU	1
11	Guiding Band	Polyacetal	1
12	Guiding Bush	CSB-40	1
13	Magnet		1
14	Nut	Galvanized Steel	1
15	Spring	Galvanized Steel	1



PKS-A SERIES
COMPACT - Ø32 - Ø100

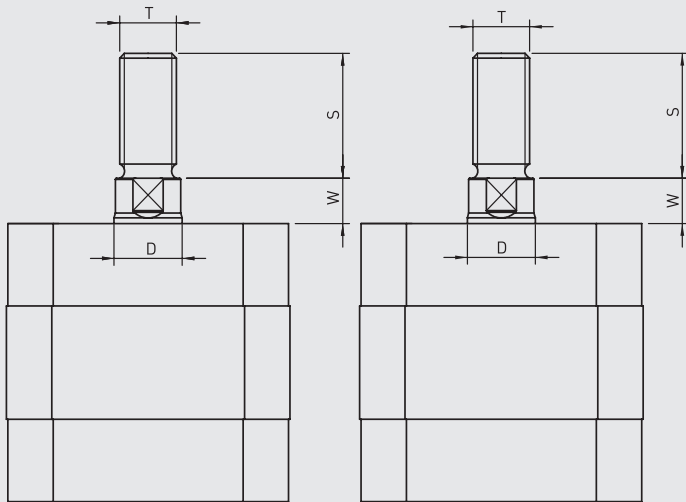


Cylinder Ø mm	A	A1	D Ø	D1 Ø	D2 Ø	D3 Ø	D4 Ø	D5 Ø	F4	G	H	H3	H4	I	K	L	L3	P	W
32	49,5	50	12	M6	6	5,2	M6	9	4	1/8"	44,5	8	14,5	32	10	5,5	4	12	6
40	57,5	58	12	M6	6	5,2	M6	9	3	1/8"	45,5	8	14,75	42	10	5,5	4	12	6,5
50	66,5	67	16	M8	6	6,7	M8	10,5	0	1/8"	45,5	8	14,75	50	13	6,5	4	12	7,5
63	79,5	80	16	M8	8	8,7	M10	13,5	0	1/8"	50	8	14,75	62	13	8,5	4	14	7,5
80	99,5	100	20	M10	8	8,7	M10	13,5	0	1/8"	56	8,5	16,5	82	17	8,5	4	15	8
100	123,5	124	25	M12	8	8,7	M10	13,5	0	1/4"	66,5	10,5	19,75	103	22	8,5	4	20	10



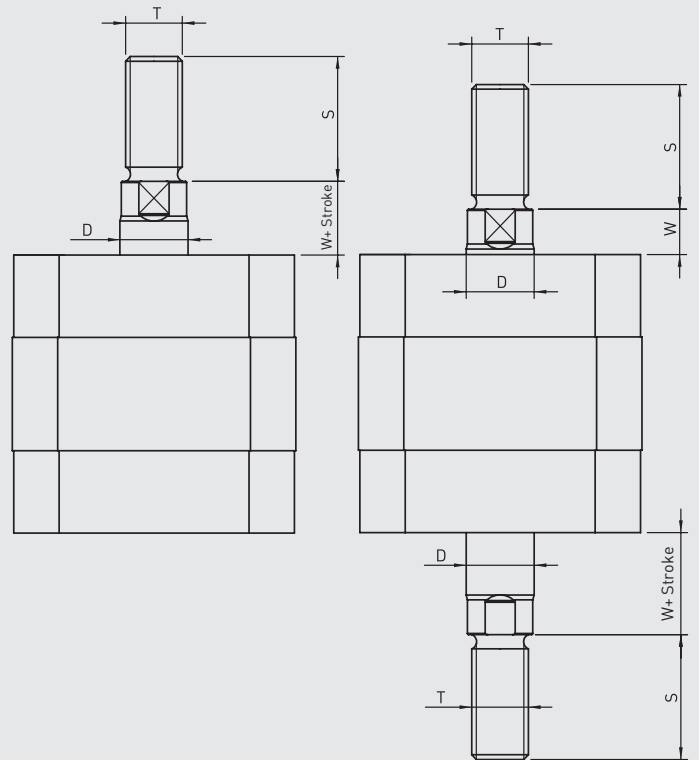
PK-T

PKS-T



PKE-T

PKD-T



Cylinder type	Cylinder Ø mm	D	S	T	W
	32	12	22	M10x1.25	6
	40	12	22	M10x1.25	6.5
PK-PKS	50	16	24	M12x1.25	7.5
PKE-PKD	63	16	24	M12x1.25	7.5
	80	20	32	M16x1.5	8
	100	25	40	M20x1.5	10

**COMPACT
PNEUMATIC CYLINDERS
PKE-A SERIES Ø32- Ø100**



**PKE-A SERIES**

COMPACT - Ø32 - Ø100

COMPACT CYLINDER
WITH MAGNET AND REAR SPRINGWITH SINGLE ACTING USAGE
PROVIDES MINIMUM AIR
CONSUMPTION AND EQUIPMENT
COSTS**PKE:** COMPACT CYLINDERS WITH
SINGLE ACTING (SPRINGED FROM
BACK)**PKE-A:** MAGNETIC COMPACT
CYLINDERS WITH SINGLE ACTING
(SPRINGED FROM BACK)**Example of order:**PKE-A

Product Code

032-025Cylinder Ø
StrokeM3Variants from
Standard System**VARIANTS FROM STANDARD SYSTEM:**

R1: Stainless Steel Piston Rod (SS 304-SS 316)

R4: Stainless Steel Nut for Piston Rod (SS 304)

R5: Piston Rod as CK45 (Hard Chrome Plated)

M1: Extended male Piston Rod Thread

M3: Special Piston Rod Thread

M4: Extended Piston Rod

K1: Seals for Max. 150°C (Viton)

K4: Piston Rod Seal Viton

Force:

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 Bar)	
		Thrust Force (N)	Traction Force (N)
32	12	16	384
40	12	23	642
50	16	30	1002
63	16	35	1682
80	20	60	2715
100	25	100	4231

Working Fluid:

Filtered and lubricated or filtered and not lubricated air

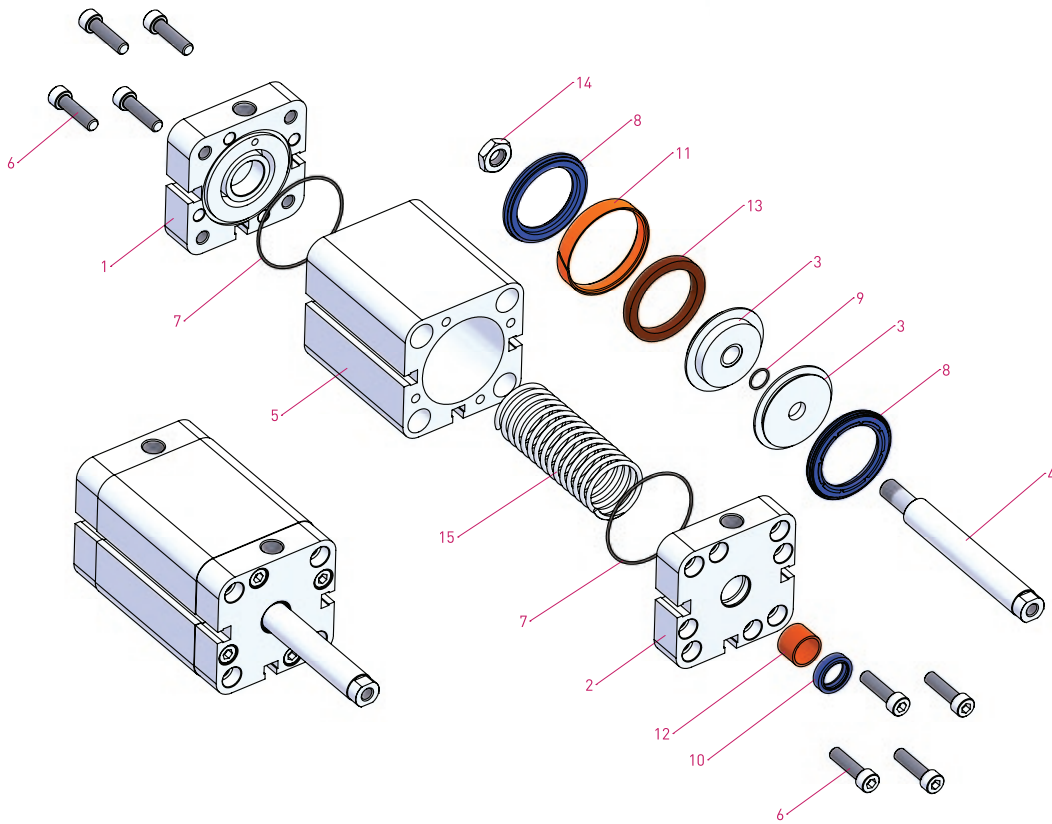
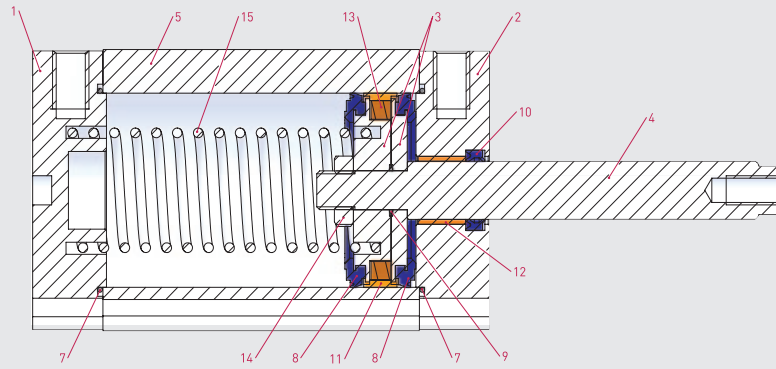
Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+180°C)

Max. Work Pressure:

10 Bar

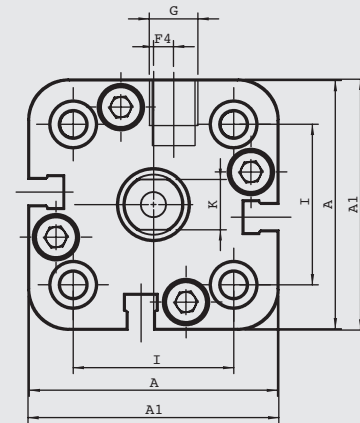
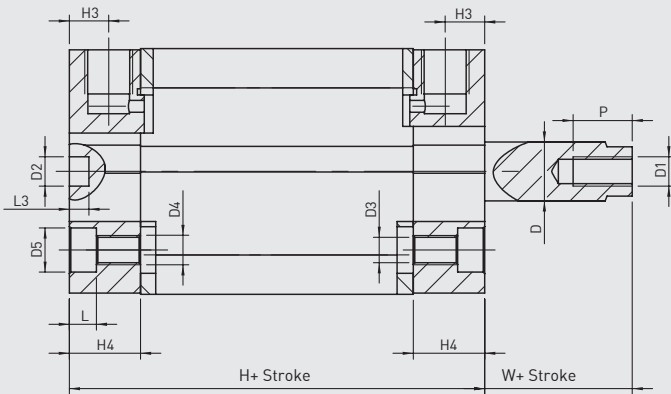


No	MATERIAL NAME	CHARACTERISTIC	PC.
1	Rear Head	Aluminium	1
2	Front Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Piston Rod	X20 Cr13 Hard Chrome Plated	1
5	Tube	Al Mg Si 0,5 + Eloxal Plated	1
6	Bolt	Stainless Steel	8
7	Head O-ring	NBR	2
8	Piston Seal	PU	2

No	MATERIAL NAME	CHARACTERISTIC	PC.
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU	1
11	Guiding Band	Polyacetal	1
12	Guiding Bush	CSB-40	1
13	Magnet		1
14	Nut	Galvanized Steel	1
15	Spring	Galvanized Steel	1



PKE-A SERIES
COMPACT - Ø32 - Ø100

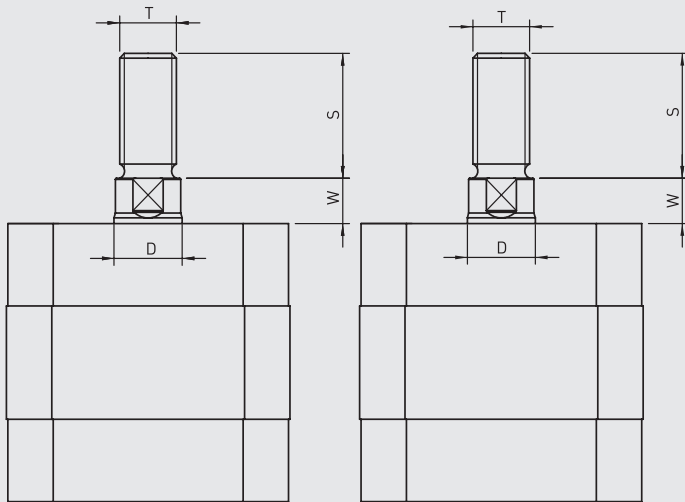


Cylinder Ø mm	A	A1	D Ø	D1 Ø	D2 Ø	D3 Ø	D4 Ø	D5 Ø	F4	G	H	H3	H4	I	K	L	L3	P	W
32	49,5	50	12	M6	6	5,2	M6	9	4	1/8"	44,5	8	14,5	32	10	5,5	4	12	6
40	57,5	58	12	M6	6	5,2	M6	9	3	1/8"	45,5	8	14,75	42	10	5,5	4	12	6,5
50	66,5	67	16	M8	6	6,7	M8	10,5	0	1/8"	45,5	8	14,75	50	13	6,5	4	12	7,5
63	79,5	80	16	M8	8	8,7	M10	13,5	0	1/8"	50	8	14,75	62	13	8,5	4	14	7,5
80	99,5	100	20	M10	8	8,7	M10	13,5	0	1/8"	56	8,5	16,5	82	17	8,5	4	15	8
100	123,5	124	25	M12	8	8,7	M10	13,5	0	1/4"	66,5	10,5	19,75	103	22	8,5	4	20	10



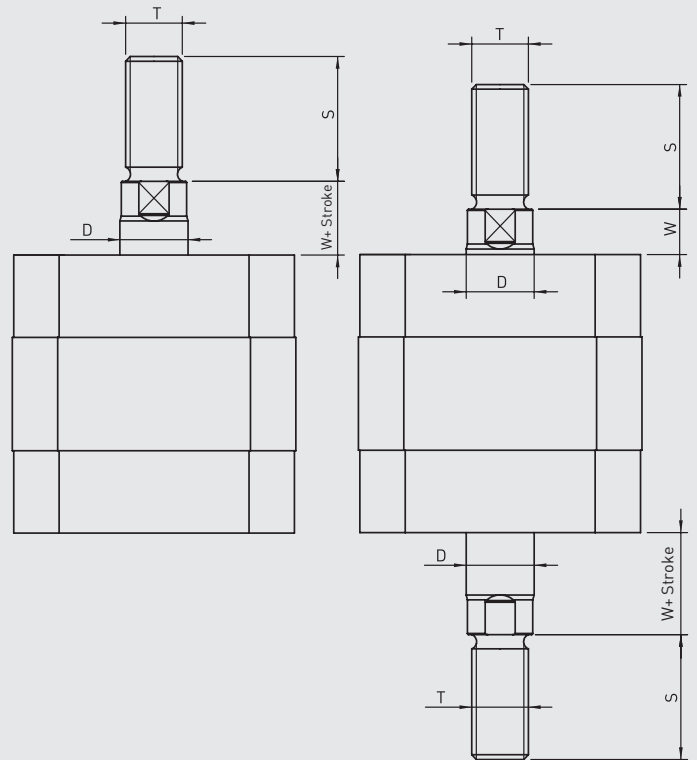
PK-T

PKS-T



PKE-T

PKD-T



Cylinder type	Cylinder Ø mm	D	S	T	W
	32	12	22	M10x1.25	6
	40	12	22	M10x1.25	6.5
PK-PKS	50	16	24	M12x1.25	7.5
PKE-PKD	63	16	24	M12x1.25	7.5
	80	20	32	M16x1.5	8
	100	25	40	M20x1.5	10

**COMPACT
PNEUMATIC CYLINDERS
PK-A SERIES Ø125- Ø320**

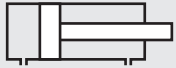


**PK-A SERIES**

COMPACT - Ø125 - Ø320

COMPACT MAGNETIC CYLINDER

NEED HIGHER POWER IN
A TIGHTER SPACE?
PK-A IS A PERFECT CHOICE.



PK: COMPACT CYLINDERS
WITH DOUBLE ACTING



PK-A: MAGNETIC COMPACT
CYLINDERS WITH DOUBLE ACTING

Example of order:

PK-A
Product Code

125-025
Cylinder Ø
Stroke

K1 M1
Variants from
Standard System

VARIANTS FROM STANDARD SYSTEM:

R1: Stainless Steel Piston Rod (SS 304-SS 316)
R4: Stainless Steel Nut for Piston Rod (SS 304)
M1: Extended male Piston Rod Thread
M3: Special Piston Rod Thread
M4: Extended Piston Rod
K1: Seals for Max. 150° C (Viton)
K2: Piston Rod Seal NBR + PA
K4: Piston Rod Seal Viton

Force:

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 Bar)	
		Thrust Force (N)	Traction Force (N)
125	30	7350	6936
160	40	12050	11304
200	40	18840	18086
250	40	29430	28680
320	50	48230	47050

Working Fluid:

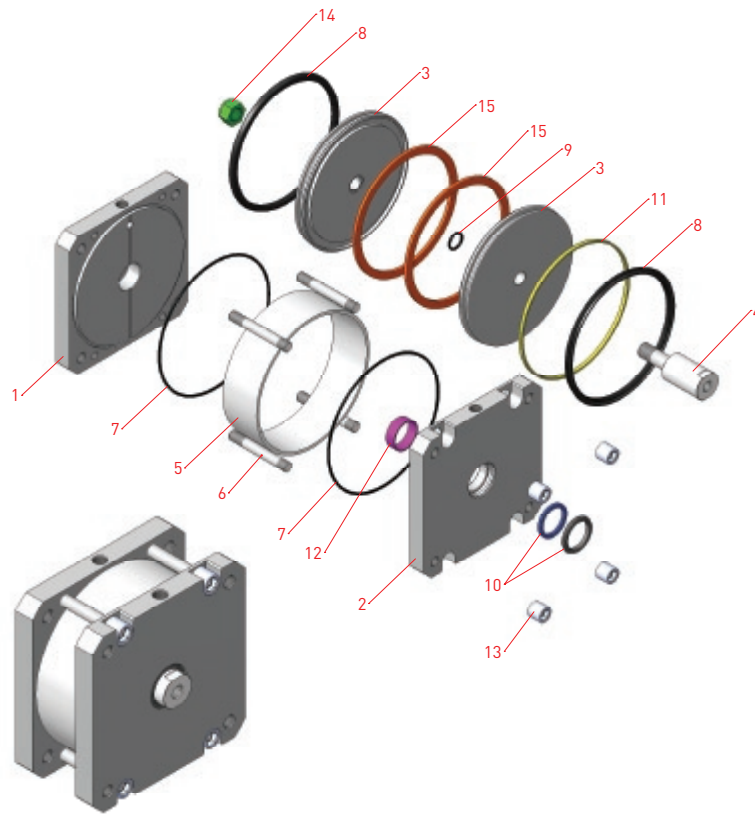
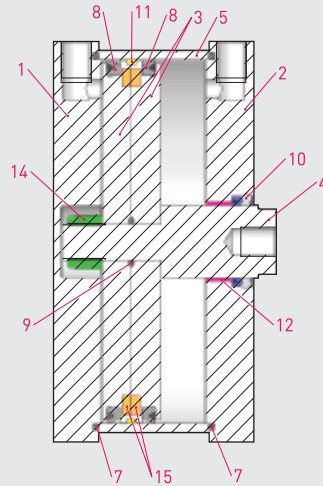
Filtered and lubricated or filtered and not lubricated air

Operating Temperature Range:

NBR + Polyurethane (PU): (-20°C) - (+80°C)
Viton (FKM) : (-30°C) - (+180°C)

Max. Work Pressure:

10 Bar

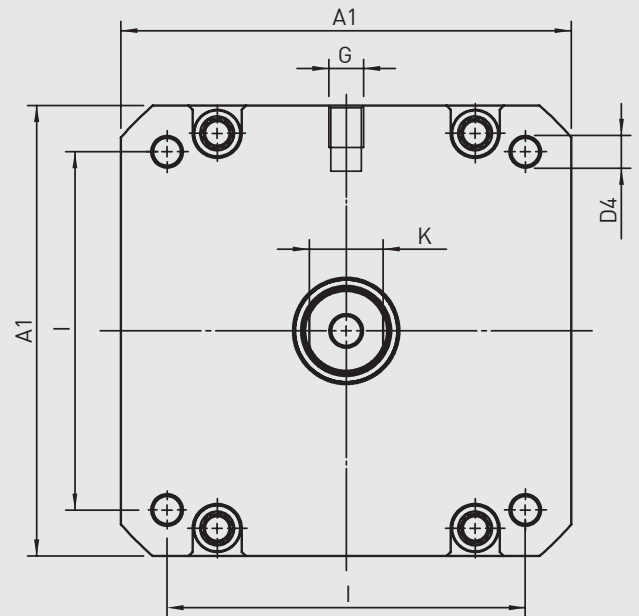
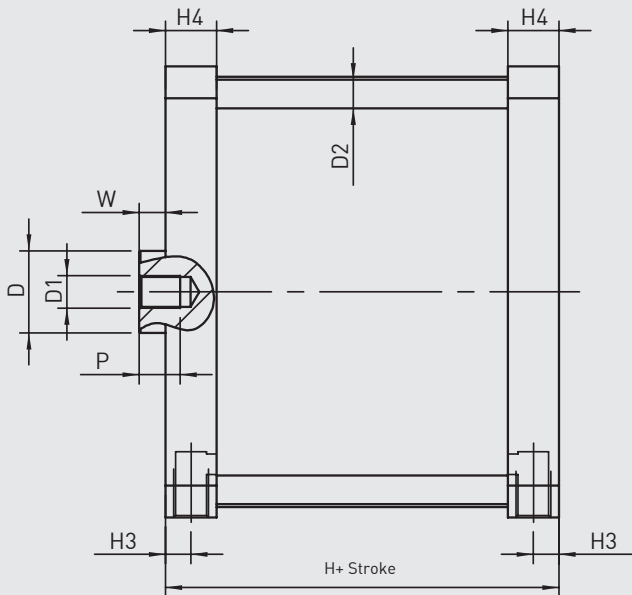


No	MATERIAL NAME	CHARACTERISTIC	PC.
1	Rear Head	Al. + Eloxal Plated	1
2	Front Head	Al. + Eloxal Plated	1
3	Middle Piston	Aluminium	2
4	Piston Rod	CK 45 Hard Chrome Plated	1
5	Tube	Al Mg Si 0,5 + Eloxal Plated	1
6	Tie-Rod	SS 304	4
7	Head O-ring	NBR	2
8	Piston Seal	NBR	2

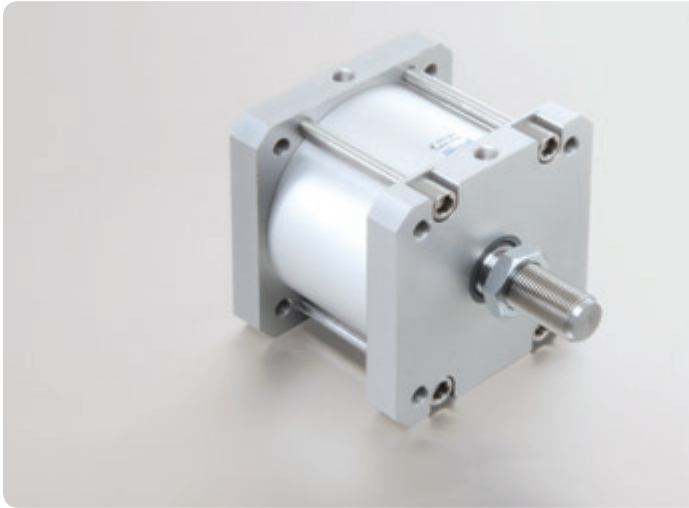
No	MATERIAL NAME	CHARACTERISTIC	PC.
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU+Hytrel	1
11	Guiding Band	Carbon Teflon	1
12	Guiding Bush	CSB-40	1
13	Head Nut	SS 304	4
14	Fibre Nut	Galvanized Steel	1
15	Magnet	Ø125-Ø160 Ø200-Ø250-Ø320	1 2



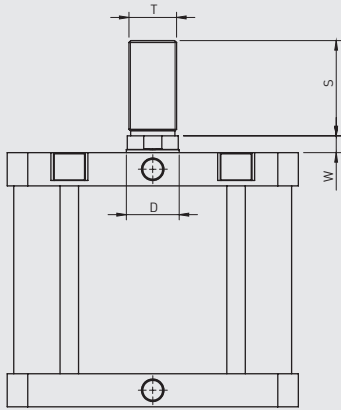
PK-A SERIES
COMPACT - Ø125 - Ø320



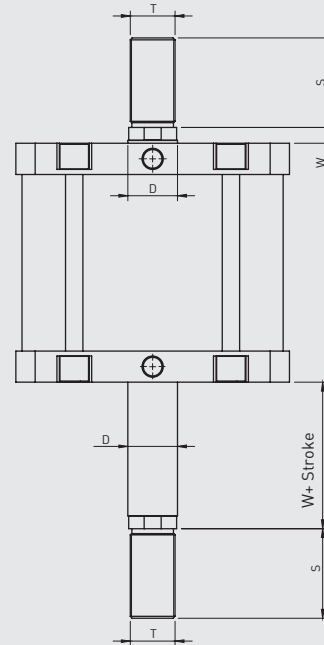
Cylinder Ø mm	A1	D Ø	D1	D2 Ø	D4	G	H	H3	H4	I	K	P	W
125	145	30	M14	10	M12	1/4"	78	10	22	110	27	25	10
160	180	40	M20	12	M16	3/8"	87	12,5	25	140	36	30	12
200	220	40	M20	14	M16	3/8"	87	12,5	25	175	36	30	12
250	270	40	M24	16	M20	1/2"	116	15	33	220	36	35	12
320	340	50	M30	16	M24	1/2"	120	16	34	270	46	40	15



PK-T

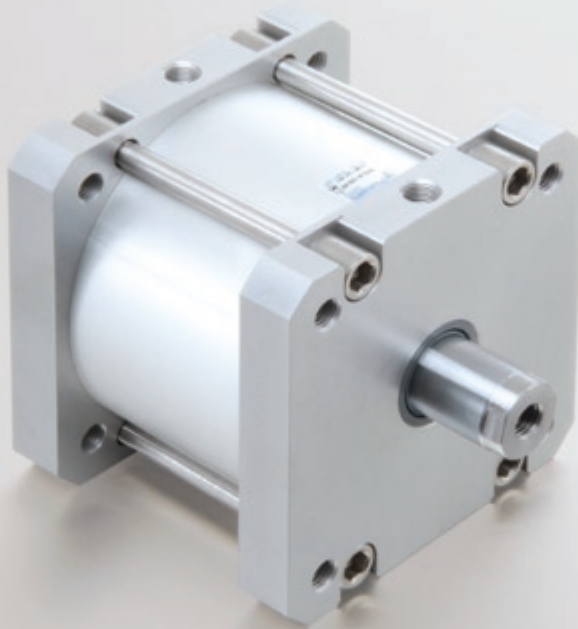


PKD-T



Cylinder type	Cylinder Ø mm	D	S	T	W
PK-PKD	125	30	54	M27x2	10
	160	40	72	M36x2	12
	200	40	72	M36x2	12
	250	40	72	M36x2	12
	320	50	84	M42x2	15

**COMPACT
PNEUMATIC CYLINDERS
PKD-A SERIES Ø125- Ø320**



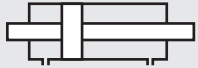


PKD-A SERIES

COMPACT - Ø125 - Ø320

COMPACT, DOUBLE ACTING
CYLINDER WITH MAGNET

POSSIBILITY FOR DOUBLE
DIRECTION RUN WITH IDENTITY
STROKES COMPACT DIMENSIONS



PKD: COMPACT CYLINDERS WITH
DOUBLE ACTING WITH DOUBLE ROD



PKD-A: COMPACT MAGNETIC
CYLINDERS WITH DOUBLE ACTING
WITH DOUBLE ROD

Example of order:

PKD-A

Product Code

125-025

Cylinder Ø
Stroke

M1 M3

Variants from
Standard System

VARIANTS FROM STANDARD SYSTEM:

R1: Stainless Steel Piston Rod (SS 304-SS 316)

R4: Stainless Steel Nut for Piston Rod (SS 304)

M1: Extended male Piston Rod Thread

M3: Special Piston Rod Thread

M4: Extended Piston Rod

K1: Seals for Max. 150° C (Viton)

K2: Piston Rod Seal NBR + PA

K4: Piston Rod Seal Viton

Force:

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 Bar)	
		Thrust Force (N)	Traction Force (N)
125	30	6936	6936
160	40	11304	11304
200	40	18086	18086
250	40	28680	28680
320	50	47050	47050

Working Fluid:

Filtered and lubricated or filtered and not lubricated air

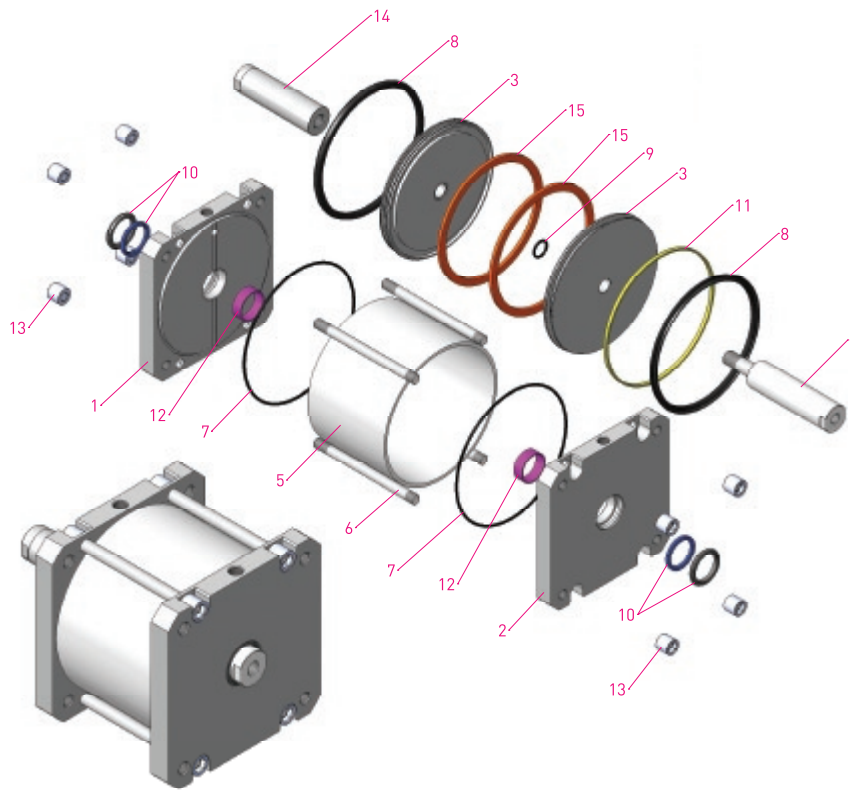
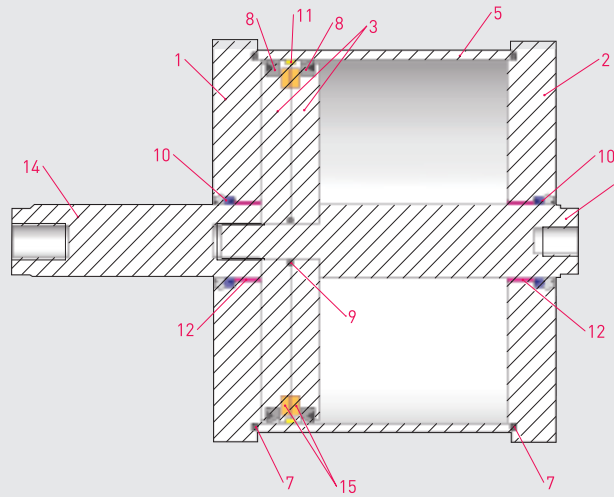
Operating Temperature Range:

NBR + Polyurethane (PU): (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+180°C)

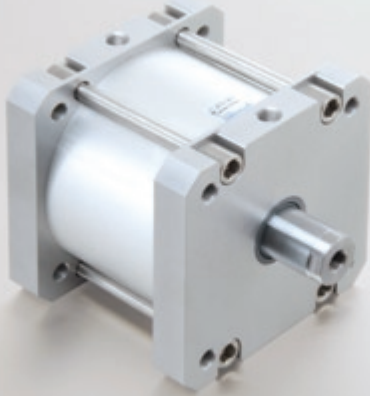
Max. Work Pressure:

10 Bar

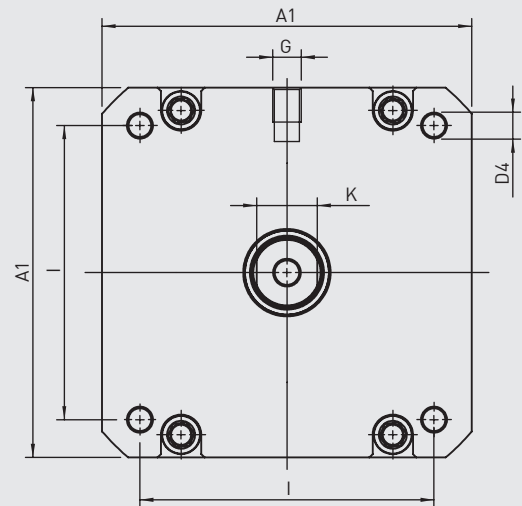
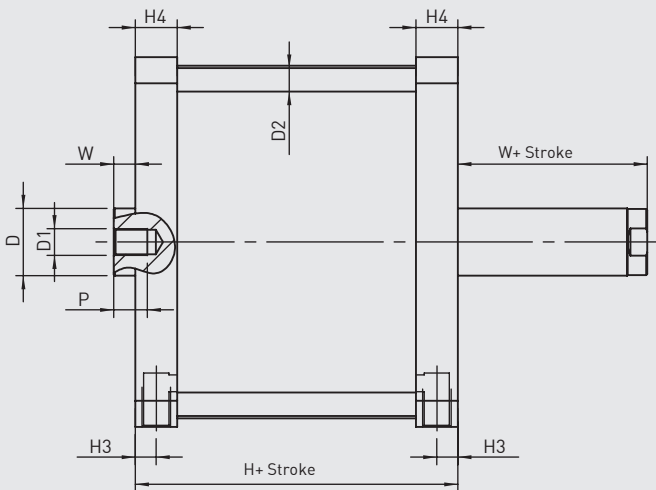


No	MATERIAL NAME	CHARACTERISTIC	PC.
1	Front Head	Al. + Eloxal Plated	1
2	Front Head	Al. + Eloxal Plated	1
3	Middle Piston	Aluminium	2
4	Male Piston Rod	CK 45 Hard Chrome Plated	1
5	Tube	Al Mg Si 0,5+Eloxal Plated	1
6	Tie-Rod	SS 304	4
7	Head O-ring	NBR	2
8	Piston Seal	NBR	2

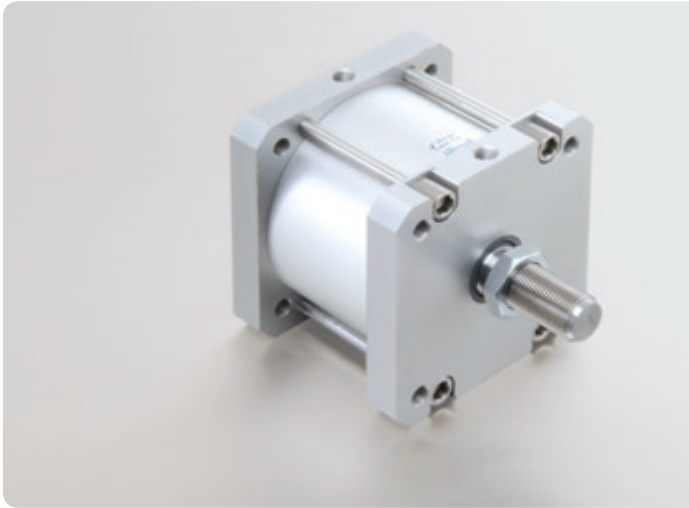
No	MATERIAL NAME	CHARACTERISTIC	PC.
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU+Hytrek	2
11	Guiding Band	Carbon Teflon	1
12	Guiding Bush	CSB-40	2
13	Head Nut	SS 304	8
14	Female Piston Rod	CK 45 Hard Chrome Plated	1
15	Magnet	Ø125-Ø160 Ø200-Ø250-Ø320	1 2



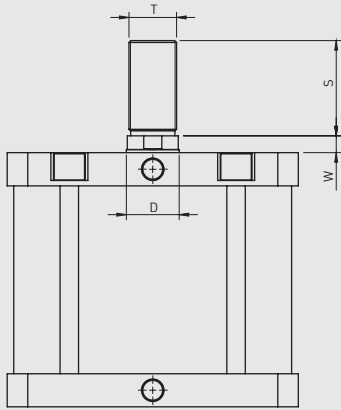
PKD-A SERIES
COMPACT - Ø125 - Ø320



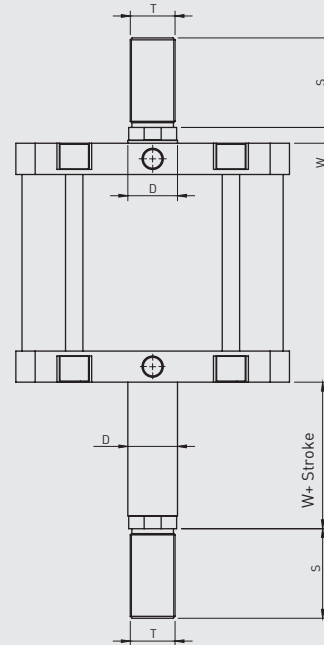
Cylinder Ø mm	A1	D Ø	D1	D2 Ø	D4	G	H	H3	H4	I	K	P	W
125	145	30	M14	10	M12	1/4"	78	10	22	110	27	25	10
160	180	40	M20	12	M16	3/8"	87	12,5	25	140	36	30	12
200	220	40	M20	14	M16	3/8"	87	12,5	25	175	36	30	12
250	270	40	M24	16	M20	1/2"	116	15	33	220	36	35	12
320	340	50	M30	16	M24	1/2"	120	16	34	270	46	40	15



PK-T



PKD-T



Cylinder type	Cylinder Ø mm	D	S	T	W
	125	30	54	M27x2	10
	160	40	72	M36x2	12
PK-PKD	200	40	72	M36x2	12
	250	40	72	M36x2	12
	320	50	84	M42x2	15