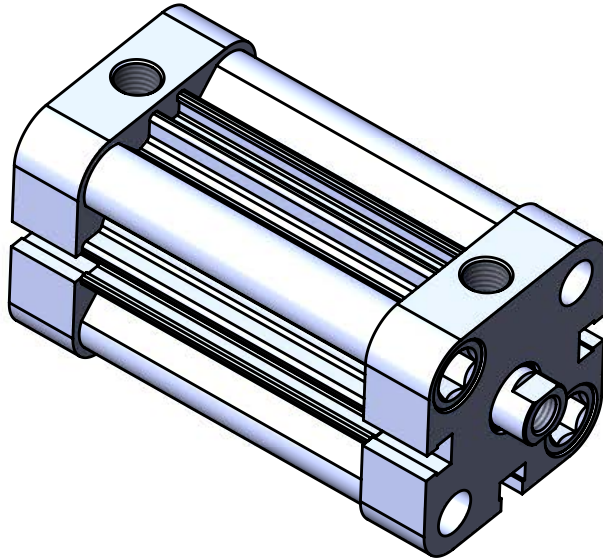
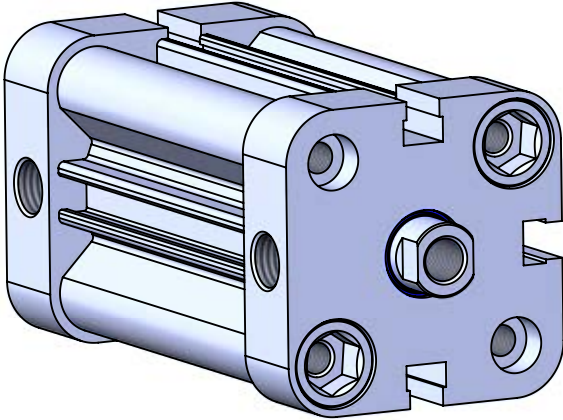


**COMPACT ISO 21287
PNEUMATIC CYLINDERS
KC-A SERIES Ø32- Ø100**





KC -A SERIES

COMPACT - Ø32 - Ø100 - ISO 21287

COMPACT MAGNETIC CYLINDER

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



KC: COMPACT CYLINDERS WITH DOUBLE ACTING



KC-A: MAGNETIC COMPACT CYLINDERS WITH DOUBLE ACTING

Example of order:

KC-A

Product code

032-025

Cylinder Ø Stroke

K1 M1

Variants from Standard System

Variants from standart 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	20	4710	4522

Working Fluid:

Filtered and lubricated or filtered and not lubricated air.

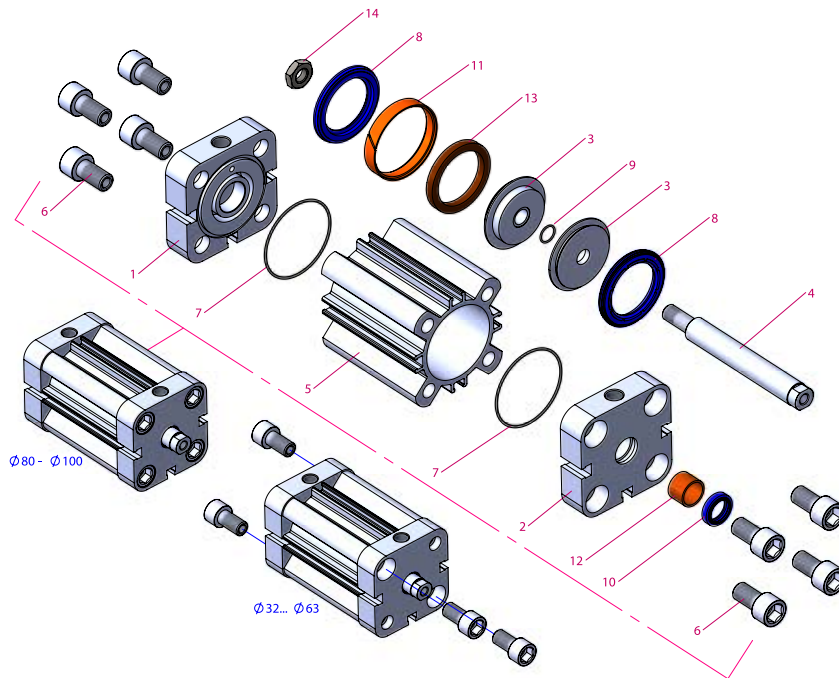
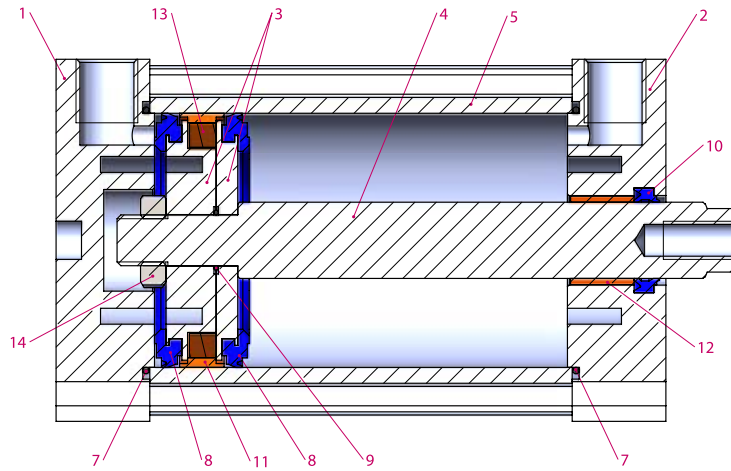
Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+150°C)

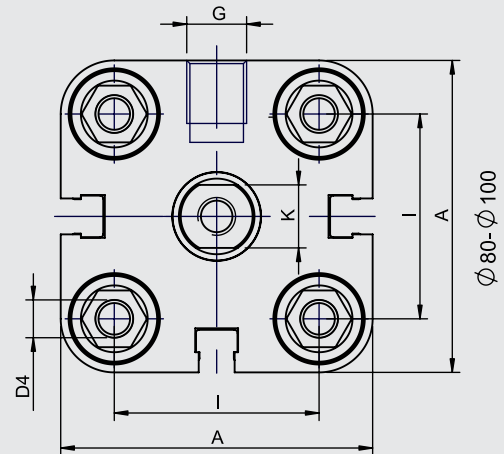
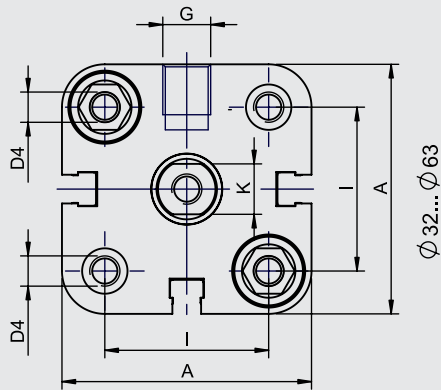
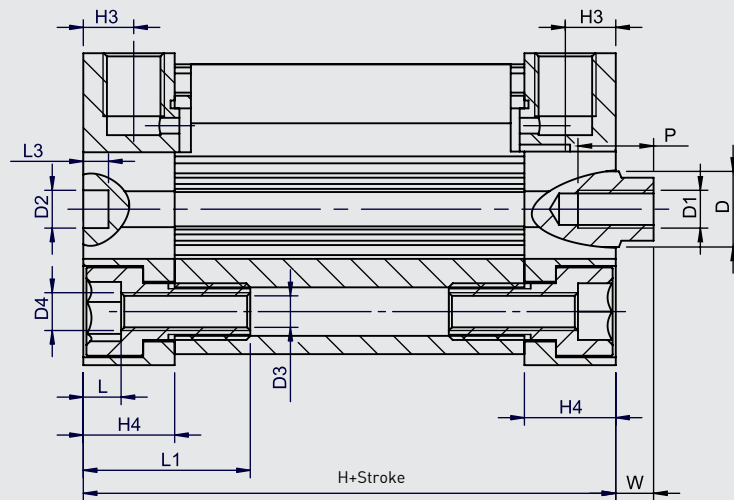
Maximum work pressure:

10 Bar

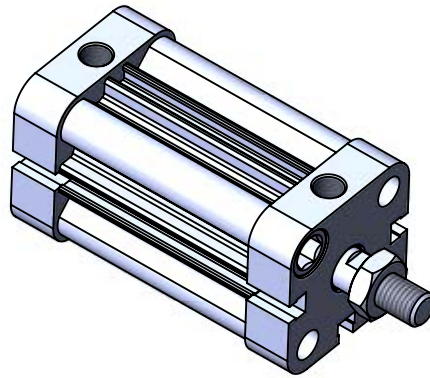
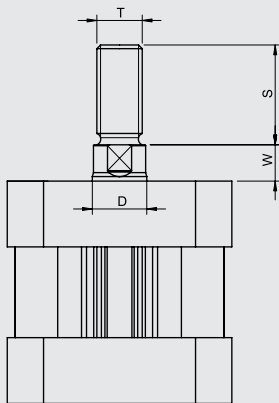
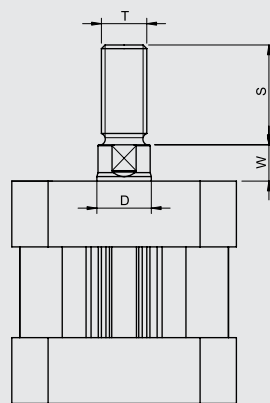
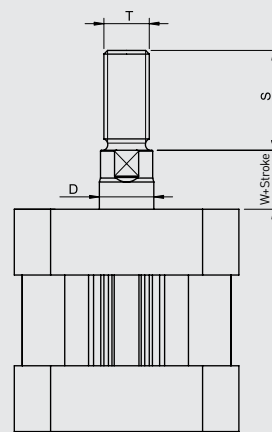
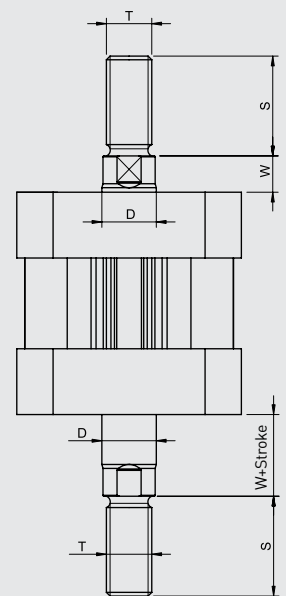


No	Material name	Characteristic	Pc.
1	Rear Head	Aluminium	1
2	Front Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Piston Rod	X20Cr13 Hard Chrome Plated	1
5	Tube	Al Mg Si 0,5 + Eloxal Plated	1
6	Bolt	SS 303	4-8
7	Head O-ring	NBR	2
8	Piston Seal	PU	2
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU	1

No	Material name	Characteristic	Pc.
11	Guiding Band	Polyacetal	1
12	Guiding Bush	CSB-40	1
13	Magnet		1
14	Nut	Galvanized Steel	1

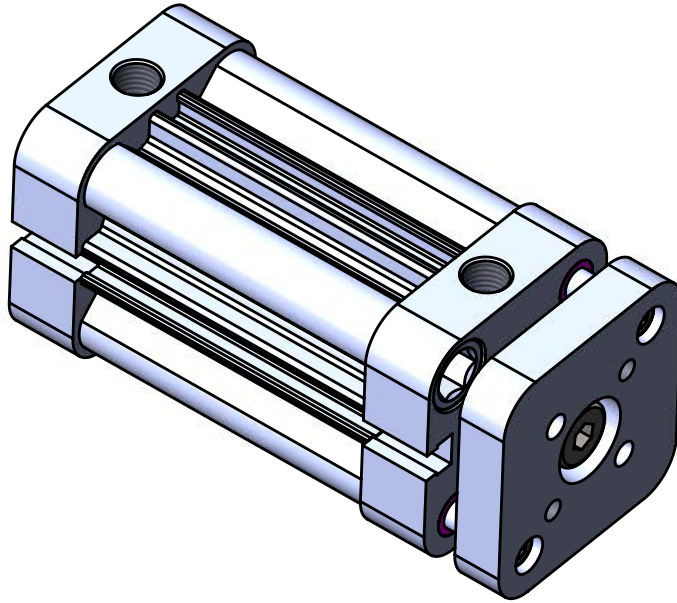


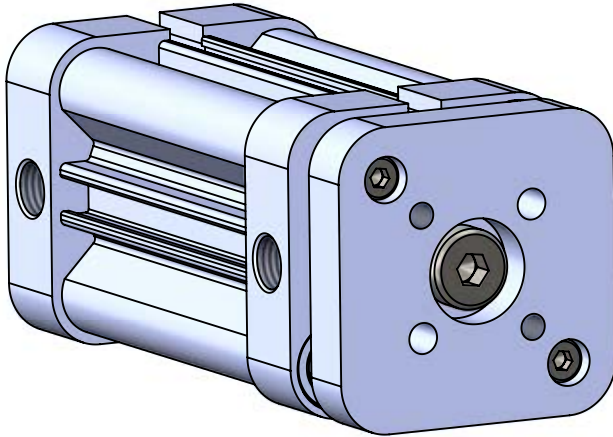
Cylinder Ø mm	A	D Ø	D1 Ø	D2 Ø	D3 Ø	D4 Ø	G	H	H3	H4	I	K	L	L1	L3	P	W
32	49.5	12	M8	6	5.2	M6	1/8"	44.5	7,5	14.5	32.5	10	6	26.5	4	12	7
40	57	12	M8	6	5.2	M6	1/8"	46	7,5	14.75	38	10	6	26.5	4	12	7
50	65.5	16	M10	6	6.8	M8	1/8"	46.5	7,5	14.75	46.5	13	7	30.5	4	16	8
63	79.5	16	M10	8	6.8	M8	1/8"	50	7,5	14.75	56.5	13	7	30.5	4	16	8
80	96	20	M12	8	8.5	M10	1/8"	56.5	8,25	16.5	72	17	8.7	38.5	4	20	10
100	116	20	M12	8	8.5	M10	1/8"	67	10	19.75	89	17	8.7	38.5	4	24	10

**KC-T****KCS-T****KCE-T****KCD-T**

Cylinder type	Cylinder Ø mm	D	S	T	W
KC-KCS KCE-KCD	32	12	19	M10x1.25	7
	40	12	19	M10x1.25	7
	50	16	22	M12x1.25	8
	63	16	22	M12x1.25	8
	80	20	28	M16x1.5	10
	100	20	32	M16x1.5	10

**COMPACT ISO 21287
PNEUMATIC CYLINDERS
KCY-A SERIES Ø32- Ø100**





KCY-A SERIES

COMPACT - Ø32 - Ø100 - ISO 21287

ANTIROTARY COMPACT CYLINDER
WITH MAGNET

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



KCY: ANTIROTARY - COMPACT
CYLINDERS WITH DOUBLE ACTING



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

Example of order:

KCY-A

Product code

032-0100

Cylinder Ø Stroke

R1-K1

Variants from
Standard System

Variants from standart system:

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

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 forces (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	20	4710	4522

Working Fluid:

Filtered and lubricated or filtered and
not lubricated air.

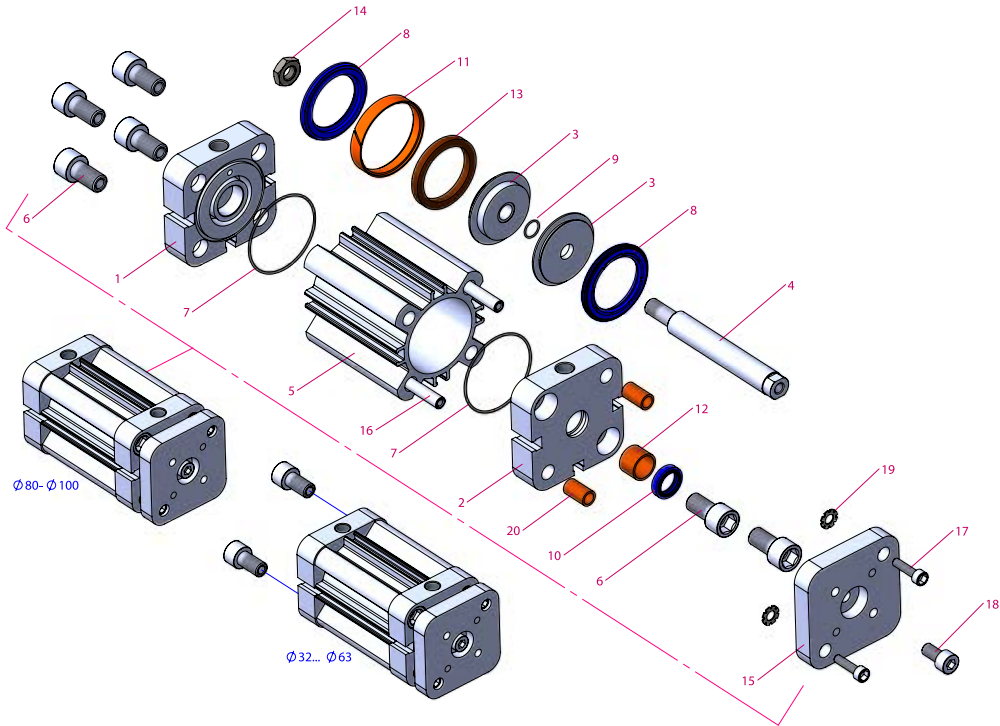
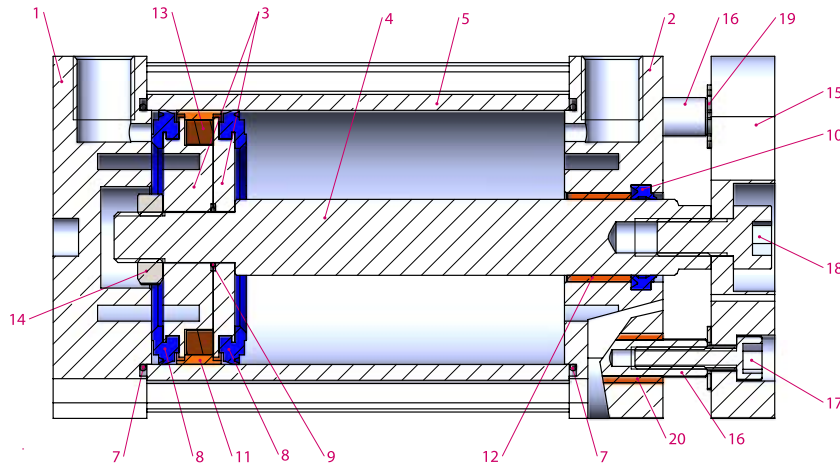
Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+150°C)

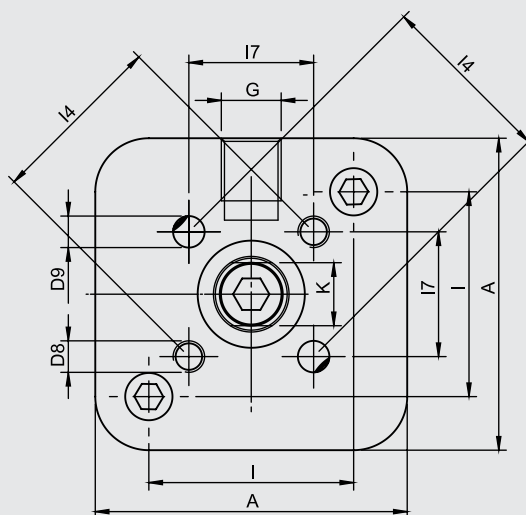
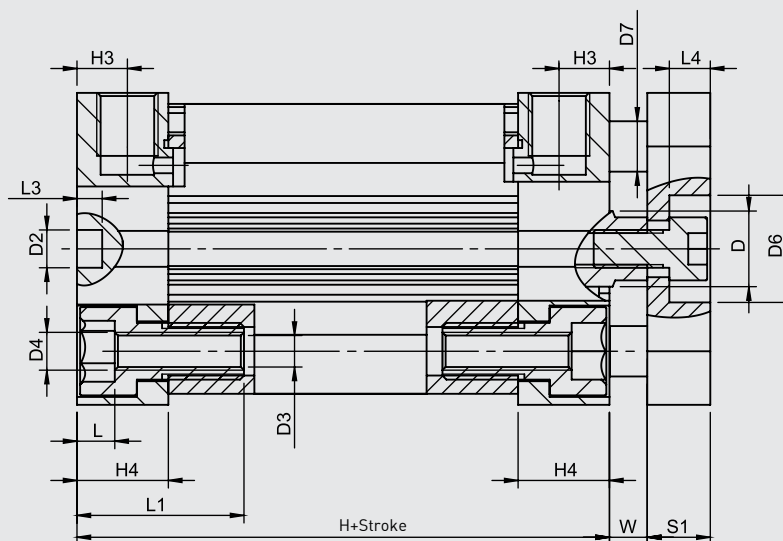
Maximum work pressure:

10 Bar



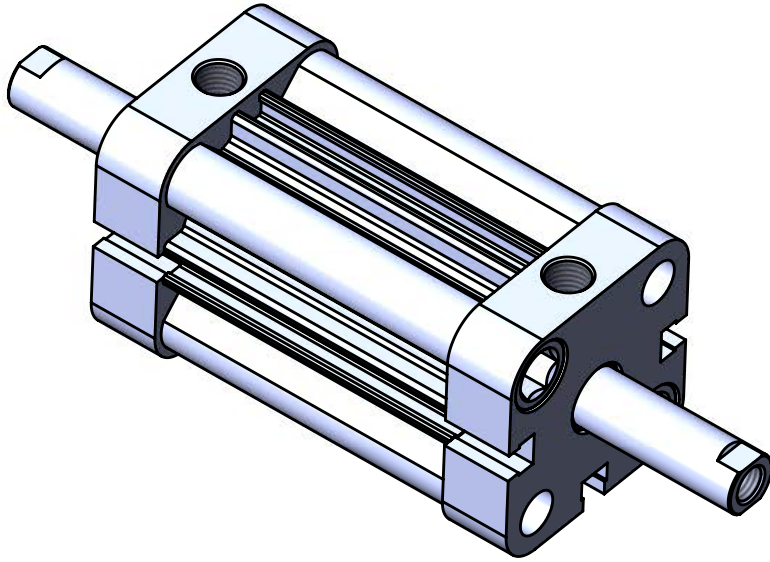
No	Material name	Characteristic	Pc.
1	Rear Head	Aluminium	1
2	Front Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Piston Rod	X20Cr13 Hard Chrome Plated	1
5	Tube	Al Mg Si 0,5 + Eloxal Plated	1
6	Bolt	SS 303	4-6
7	Head O-ring	NBR	2
8	Piston Seal	PU	2
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU	1
11	Guiding Band	Polyacetal	1
12	Guiding Bush	CSB-40	1

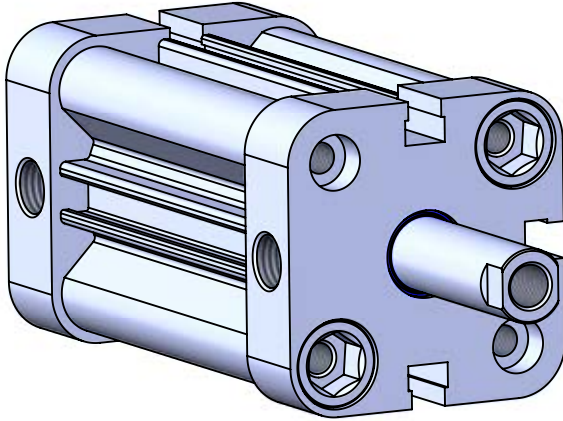
No	Material name	Characteristic	Pc.
13	Magnet		1
14	Nut	Galvanized Steel	1
15	Bracket	Aluminium	1
16	Rod	X20Cr13 Hard Chrome Plated	2
17	Bolt	Galvanized Steel	2
18	Bolt	Galvanized Steel	1
19	Tab Washer		2
20	Guiding Bush	CSB-40	2



Cylinder Ø mm	A	D Ø	D2 Ø	D3 Ø	D4 Ø	D6 Ø	D7 Ø	D8 Ø	D9 Ø	G	H	H3	H4	I	I4	I7	K	L	L1	L3	L4	S1	W
32	49.5	12	6	5.2	M6	17	6	M5	5	1/8"	44.5	7,5	14.5	32.5	28	19.8	10	6	26.5	4	6.5	10	7
40	57	12	6	5.2	M6	17	6	M5	5	1/8"	46	7,5	14.75	38	33	23.3	10	6	26.5	4	6.5	10	7
50	65.5	16	6	6.8	M8	22	8	M6	6	1/8"	46.5	7,5	14.75	46.5	42	29.7	13	7	30.5	4	8	12	8
63	79.5	16	8	6.8	M8	22	8	M6	6	1/8"	50	7,5	14.75	56.5	50	35.4	13	7	30.5	4	8	12	8
80	96	20	8	8.5	M10	28	12	M8	8	1/8"	56.5	8,25	16.5	72	65	46	17	8.7	38.5	4	9	14	10
100	116	20	8	8.5	M10	28	12	M10	10	1/8"	67	10	19.75	89	80	56.6	17	8.7	38.5	4	9	14	10

**COMPACT ISO 21287
PNEUMATIC CYLINDERS
KCD-A SERIES Ø32- Ø100**



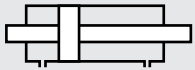


KCD-A SERIES

COMPACT - Ø32 - Ø100 - ISO 21287

COMPACT CYLINDER
WITH MAGNET AND DOUBLE ROD

POSSIBILITY FOR DOUBLE
DIRECTION RUN WITH IDENTITY
STROKES COMPACT DIMENSION



KCD: COMPACT CYLINDERS WITH
DOUBLE ACTING WITH DOUBLE
ROD



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

Example of order:

KCD-A

Product code

032-050

Cylinder Ø Stroke

M1 M3

Variants from
Standard System

Variants from standart 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 forces (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	20	4522	4522

Working Fluid:

Filtered and lubricated or filtered and
not lubricated air.

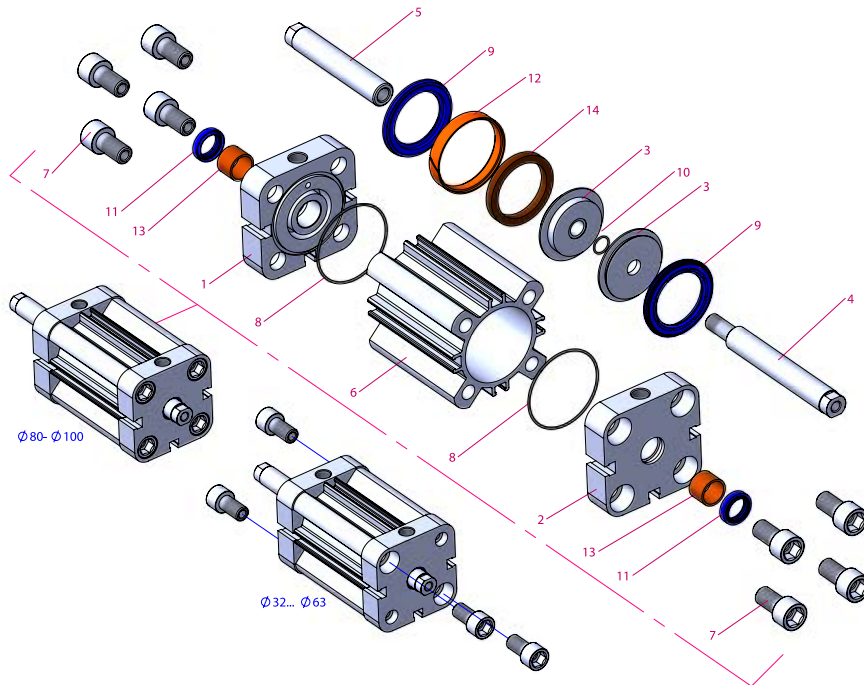
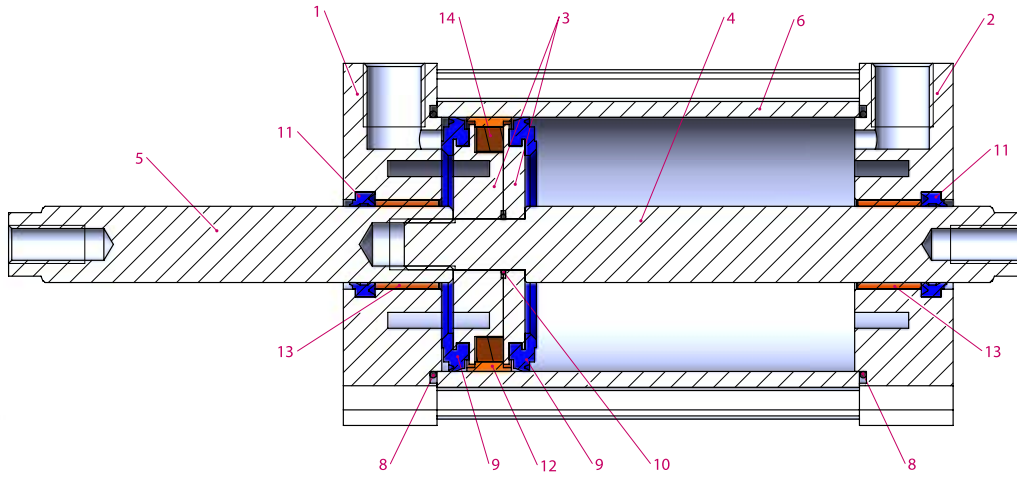
Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+150°C)

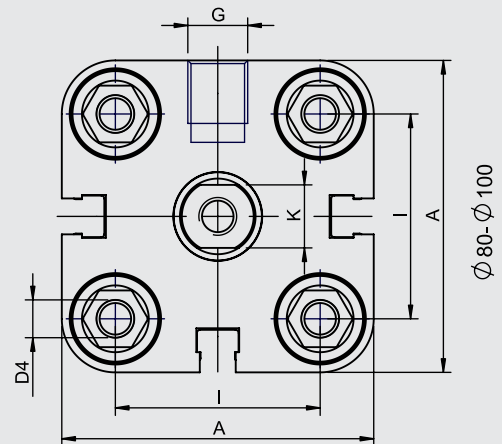
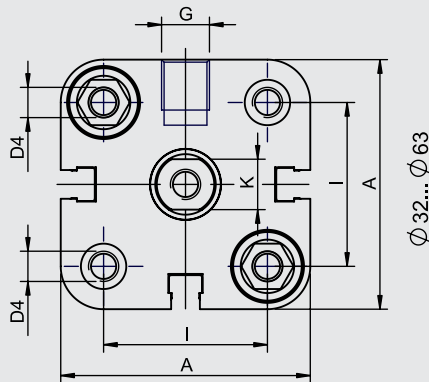
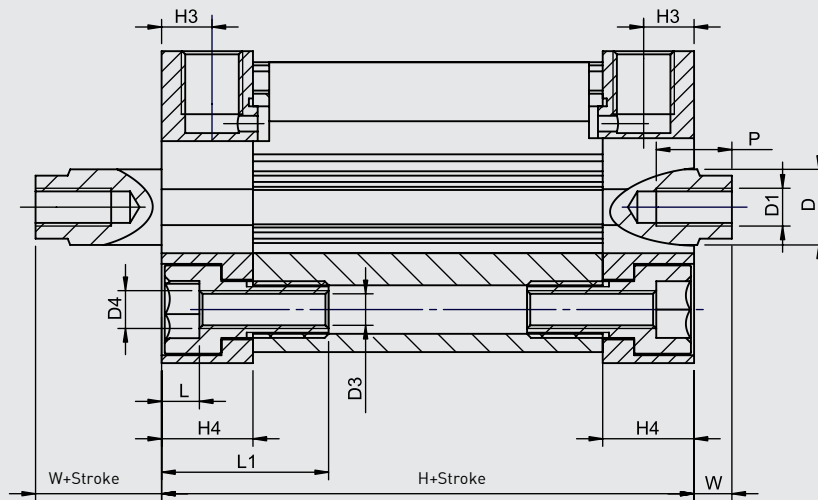
Maximum work pressure:

10 Bar

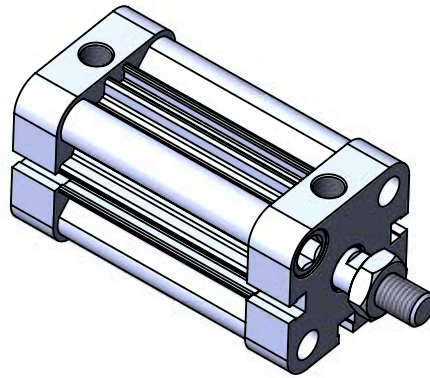
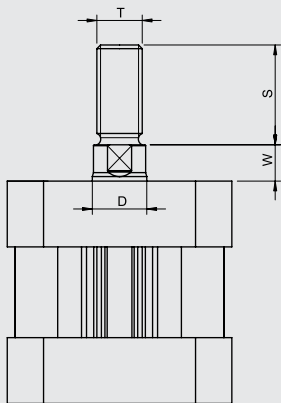
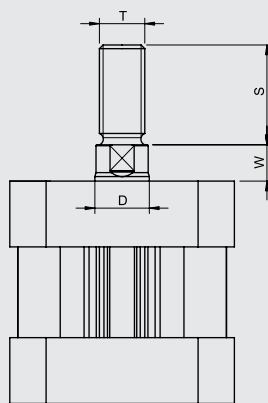
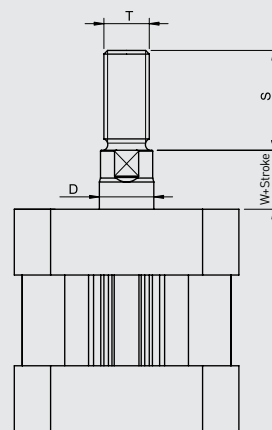
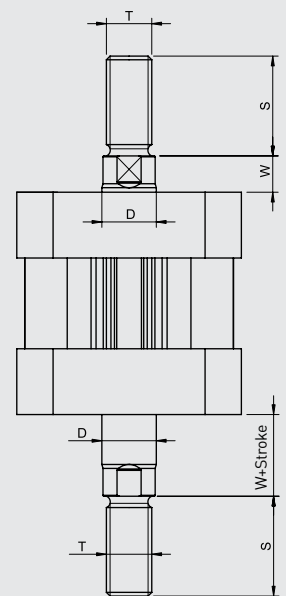


No	Material name	Characteristic	Pc.
1	Head	Aluminium	1
2	Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Male Piston Rod	X20Cr13 Hard Chrome Plated	1
5	Female Piston Rod	X20Cr13 Hard Chrome Plated	1
6	Tube	Al Mg Si 0,5 + Eloxal Plated	1
7	Bolt	SS 303	4-8
8	Head O-ring	NBR	2
9	Piston Seal	PU	2
10	Middle Piston O-ring	NBR	1

No	Material name	Characteristic	Pc.
11	Rod Seal	PU	2
12	Guiding Band	Polyacetal	1
13	Guiding Bush	CSB-40	2
14	Magnet		1

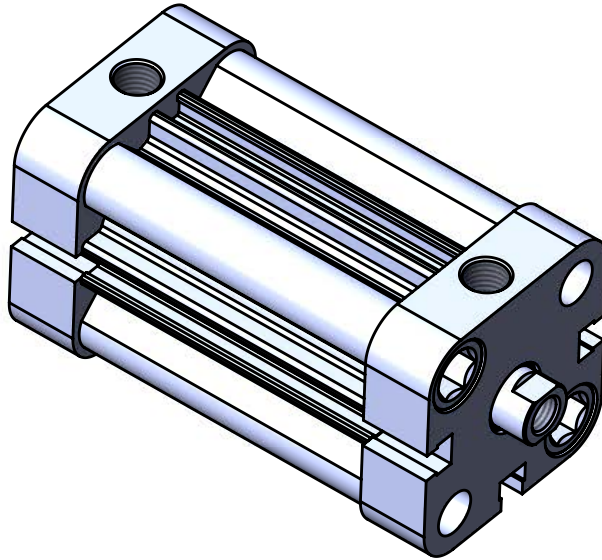


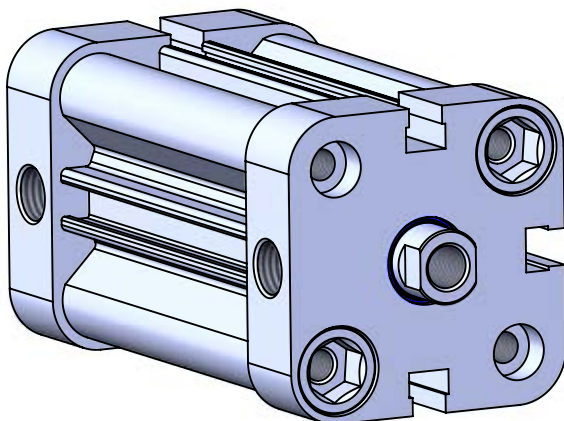
Cylinder Ø mm	A	D Ø	D1 Ø	D3 Ø	D4 Ø	G	H	H3	H4	I	K	L	L1	P	W
32	49.5	12	M8	5.2	M6	1/8"	44.5	7,5	14.5	32.5	10	6	26.5	12	7
40	57	12	M8	5.2	M6	1/8"	46	7,5	14.75	38	10	6	26.5	12	7
50	65.5	16	M10	6.8	M8	1/8"	46.5	7,5	14.75	46.5	13	7	30.5	16	8
63	79.5	16	M10	6.8	M8	1/8"	50	7,5	14.75	56.5	13	7	30.5	16	8
80	96	20	M12	8.5	M10	1/8"	56.5	8,25	16.5	72	17	8.7	38.5	20	10
100	116	20	M12	8.5	M10	1/8"	67	10	19.75	89	17	8.7	38.5	24	10

**KC-T****KCS-T****KCE-T****KCD-T**

Cylinder type	Cylinder Ø mm	D	S	T	W
KC-KCS KCE-KCD	32	12	19	M10x1.25	7
	40	12	19	M10x1.25	7
	50	16	22	M12x1.25	8
	63	16	22	M12x1.25	8
	80	20	28	M16x1.5	10
	100	20	32	M16x1.5	10

**COMPACT ISO 21287
PNEUMATIC CYLINDERS
KCS-A SERIES Ø32- Ø100**



**KCS-A SERIES**

COMPACT - Ø32 - Ø100 - ISO 21287

 COMPACT CYLINDER
 WITH MAGNET AND FRONT SPRING

 WITH SINGLE ACTING USAGE
 PROVIDES MINIMUM AIR
 CONSUMPTION AND EQUIPMENT
 COSTS

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

KCS-A: MAGNETIC COMPACT
 CYLINDERS WITH SINGLE ACTING
 (SPRINGED FROM FRONT)
Example of order:KCS-A

Product code

032-050

Cylinder Ø Stroke

M1Variants from
Standard System**Variants from standart 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 forces (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	20	4520	100

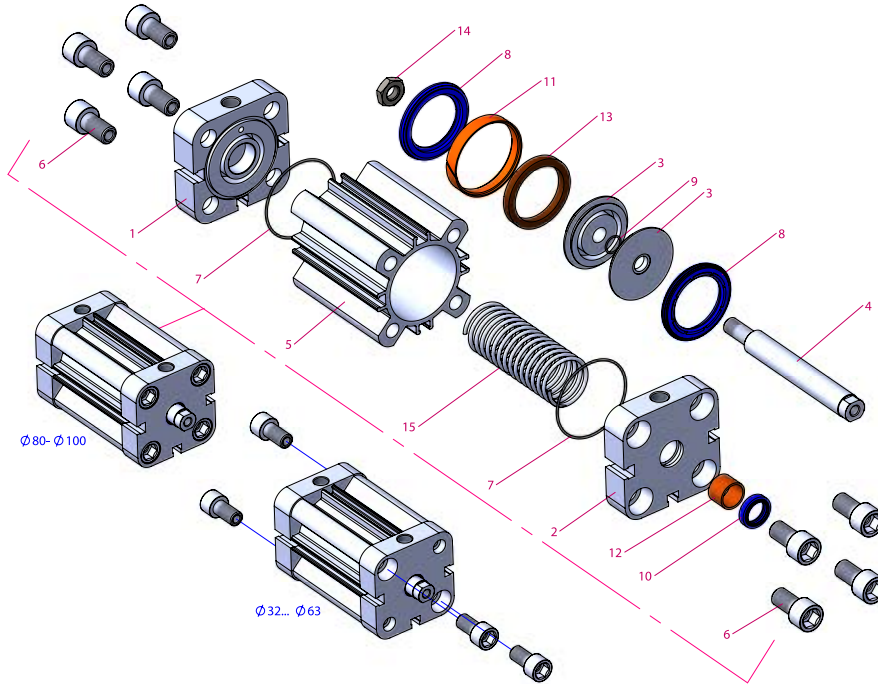
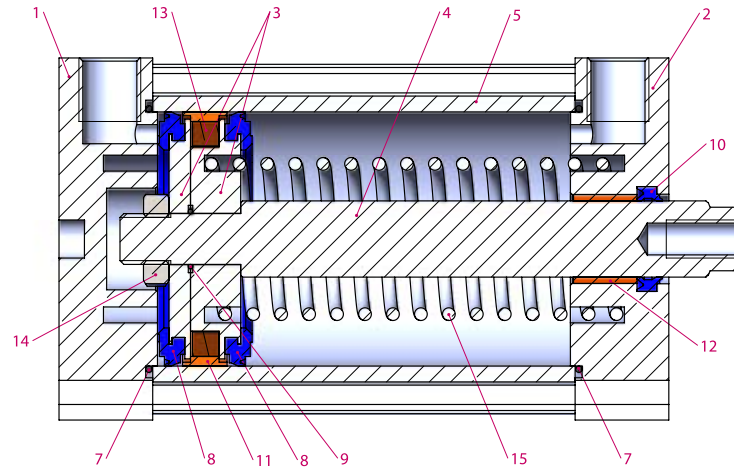
Working Fluid:
 Filtered and lubricated or filtered and
 not lubricated air.
Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+150°C)

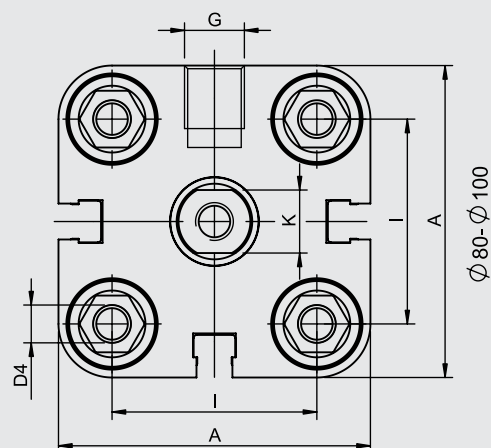
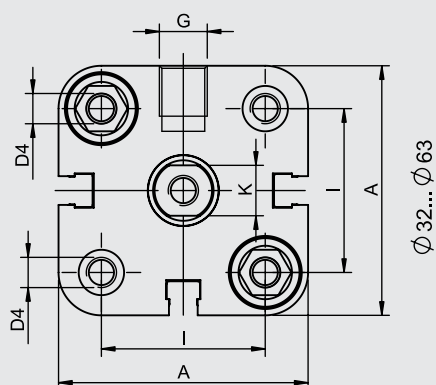
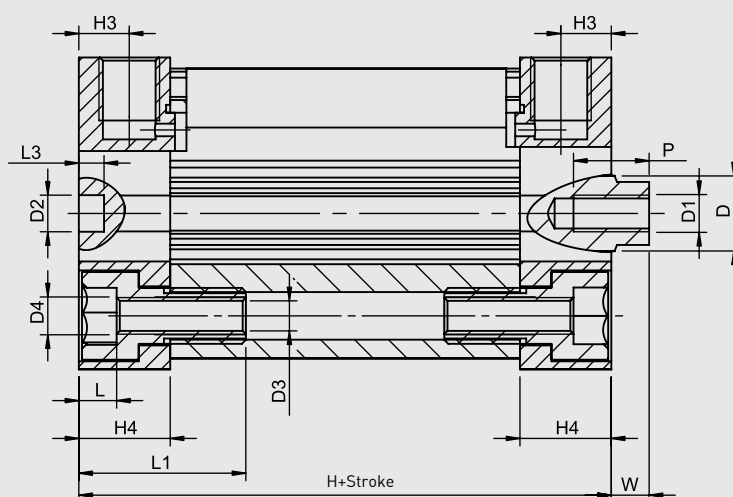
Maximum work pressure:

10 Bar

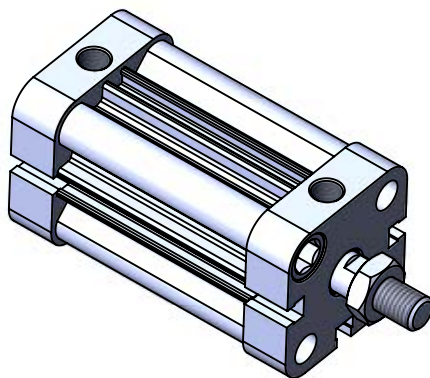
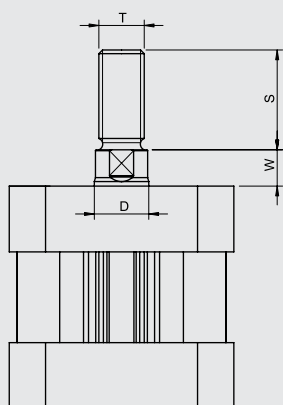
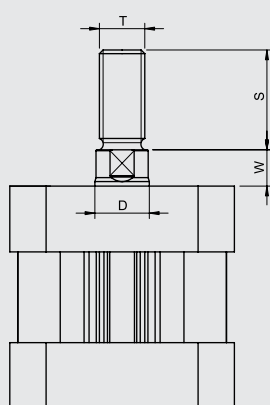
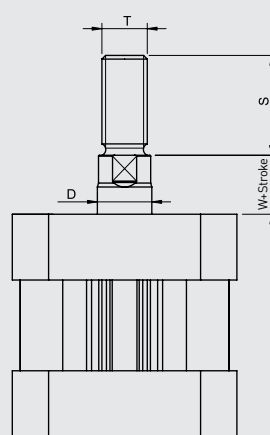
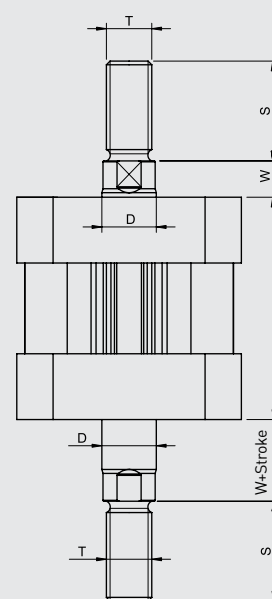


No	Material name	Characteristic	Pc.
1	Rear Head	Aluminium	1
2	Front Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Piston Rod	X20Cr13 Hard Chrome Plated	1
5	Tube	Al Mg Si 0,5 + Eloxal Plated	1
6	Bolt	SS 303	4-8
7	Head O-ring	NBR	2
8	Piston Seal	PU	2
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU	1

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	Spring	Galvanized Steel	1

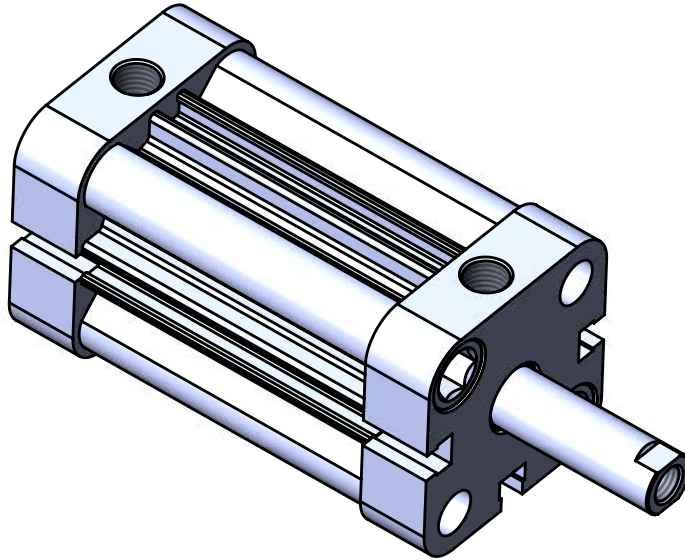


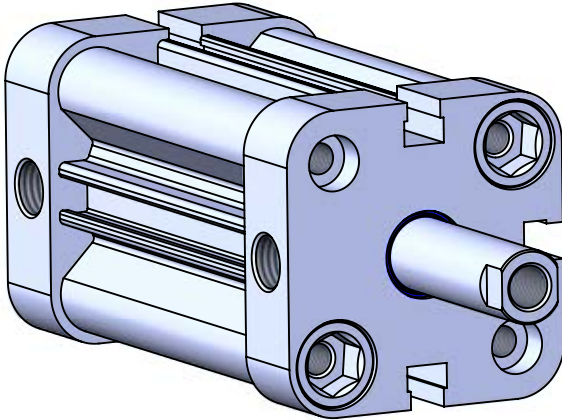
Cylinder Ø mm	A	D Ø	D1 Ø	D2 Ø	D3 Ø	D4 Ø	G	H	H3	H4	I	K	L	L1	L3	P	W
32	49.5	12	M8	6	5.2	M6	1/8"	44.5	7,5	14.5	32.5	10	6	26.5	4	12	7
40	57	12	M8	6	5.2	M6	1/8"	46	7,5	14.75	38	10	6	26.5	4	12	7
50	65.5	16	M10	6	6.8	M8	1/8"	46.5	7,5	14.75	46.5	13	7	30.5	4	16	8
63	79.5	16	M10	8	6.8	M8	1/8"	50	7,5	14.75	56.5	13	7	30.5	4	16	8
80	96	20	M12	8	8.5	M10	1/8"	56.5	8,25	16.5	72	17	8.7	38.5	4	20	10
100	116	20	M12	8	8.5	M10	1/8"	67	10	19.75	89	17	8.7	38.5	4	24	10

**KC-T****KCS-T****KCE-T****KCD-T**

Cylinder type	Cylinder Ø mm	D	S	T	W
KC-KCS KCE-KCD	32	12	19	M10x1.25	7
	40	12	19	M10x1.25	7
	50	16	22	M12x1.25	8
	63	16	22	M12x1.25	8
	80	20	28	M16x1.5	10
	100	20	32	M16x1.5	10

**COMPACT ISO 21287
PNEUMATIC CYLINDERS
KCE-A SERIES Ø32- Ø100**





KCE-A SERIES

COMPACT - Ø32 - Ø100 - ISO 21287

COMPACT CYLINDER
WITH MAGNET AND REAR SPRING

WITH SINGLE ACTING USAGE
PROVIDES MINIMUM AIR
CONSUMPTION AND EQUIPMENT
COSTS



KCE: COMPACT CYLINDERS WITH
SINGLE ACTING
(SPRINGED FROM BACK)



KCE-A: MAGNETIC COMPACT
CYLINDERS WITH SINGLE ACTING
(SPRINGED FROM BACK)

Example of order:

KCE-A

Product code

032-025

Cylinder Ø Stroke

M3

Variants from
Standard System

Variants from standart 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 forces (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	20	100	4332

Working Fluid:

Filtered and lubricated or filtered and
not lubricated air.

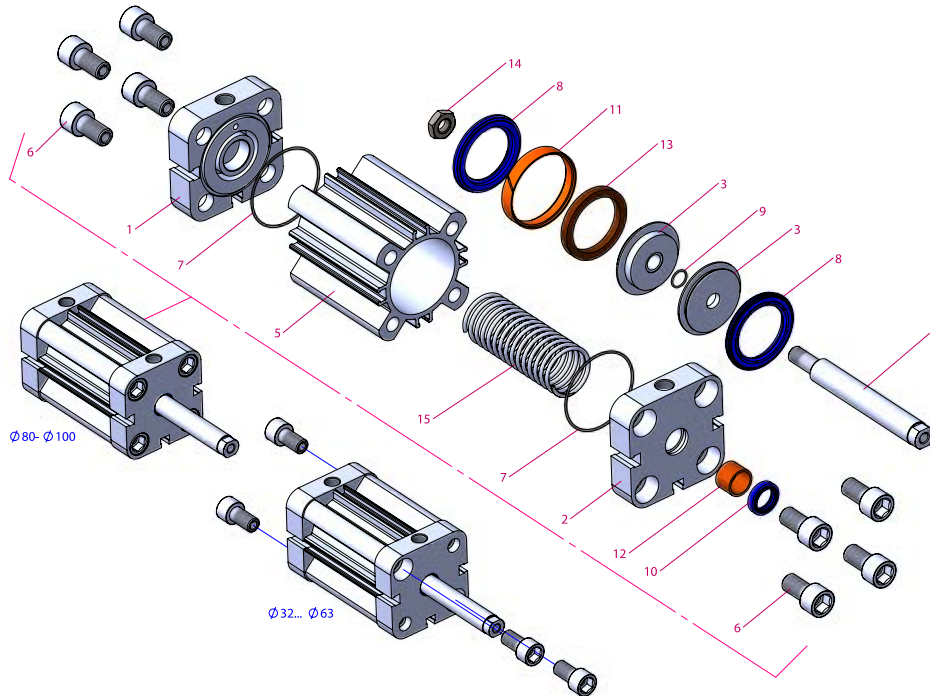
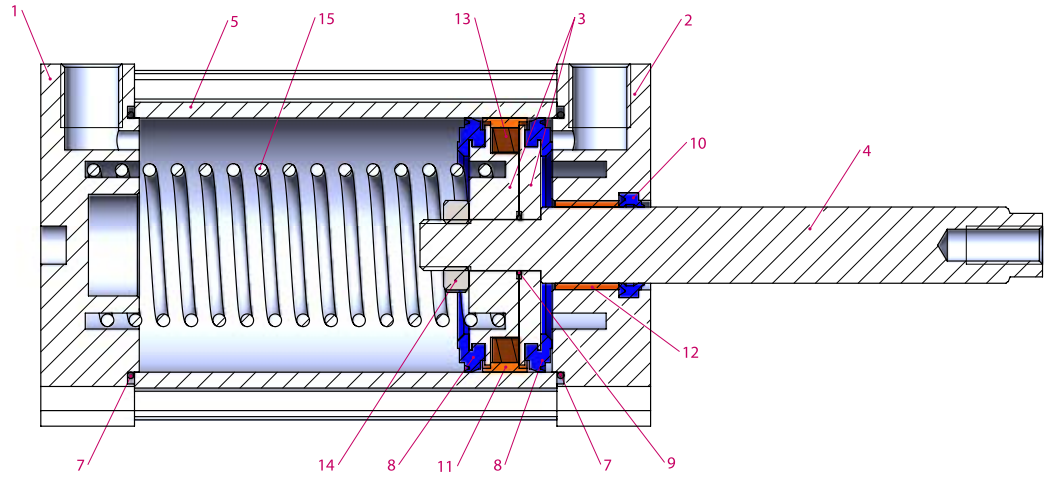
Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+150°C)

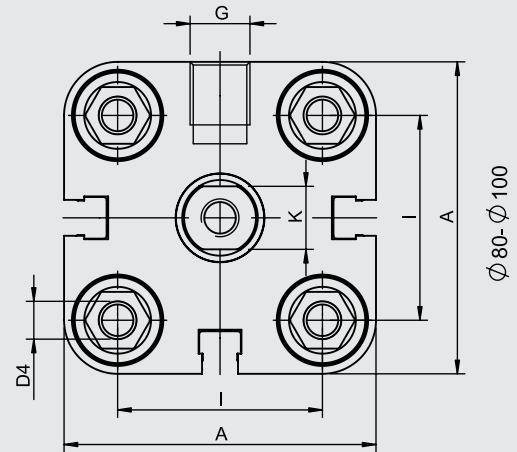
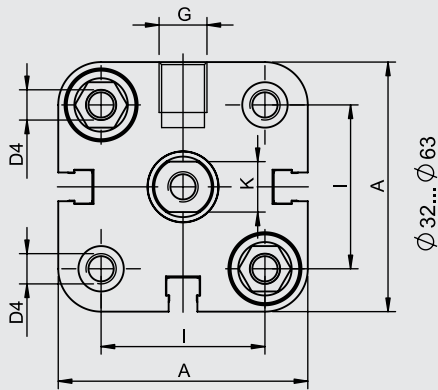
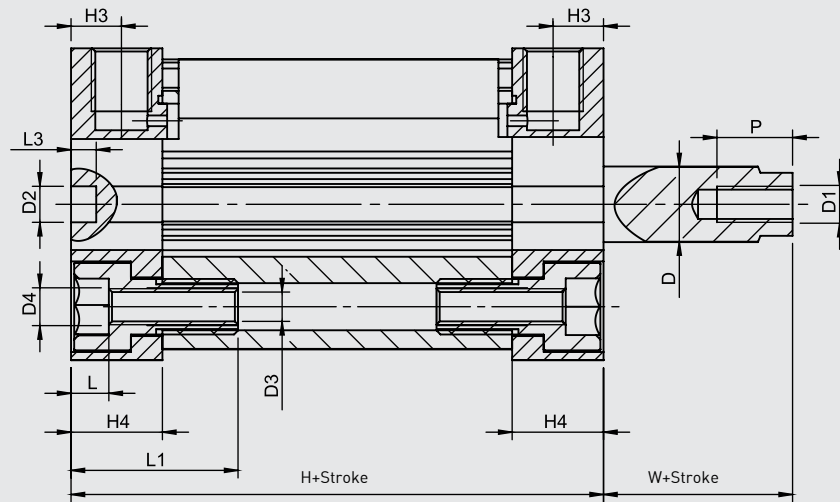
Maximum work pressure:

10 Bar

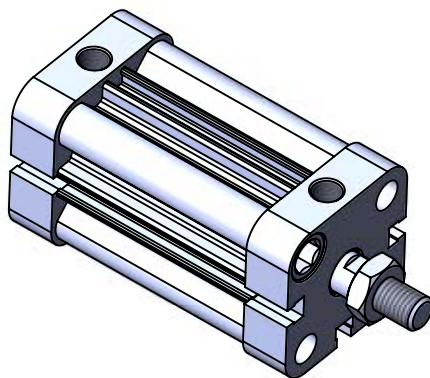
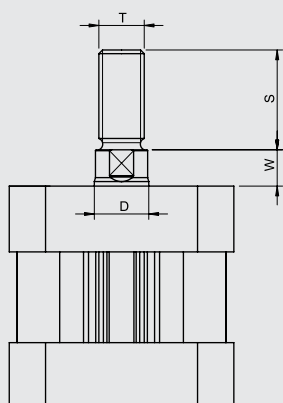
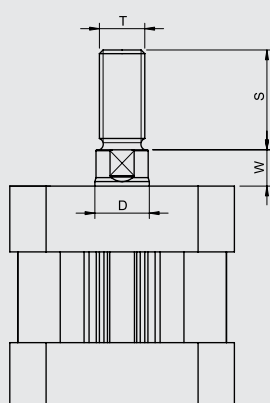
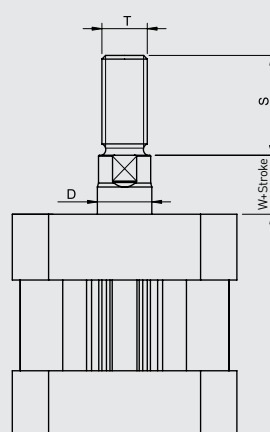
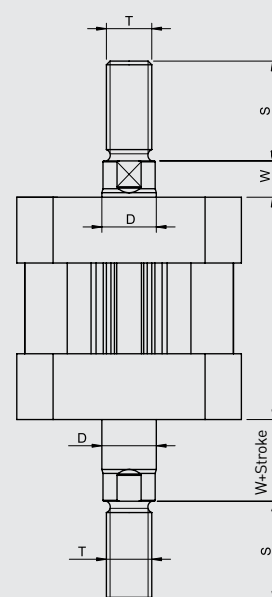


No	Material name	Characteristic	Pc.
1	Rear Head	Aluminium	1
2	Front Head	Aluminium	1
3	Middle Piston	Aluminium	2
4	Piston Rod	X20Cr13 Hard Chrome Plated	1
5	Tube	Al Mg Si 0,5 + Eloxal Plated	1
6	Bolt	SS 303	4-8
7	Head O-ring	NBR	2
8	Piston Seal	PU	2
9	Middle Piston O-ring	NBR	1
10	Rod Seal	PU	1

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	Spring	Galvanized Steel	1



Cylinder Ø mm	A	D Ø	D1 Ø	D2 Ø	D3 Ø	D4 Ø	G	H	H3	H4	I	K	L	L1	L3	P	W
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	100	20	32	M16x1.5	10