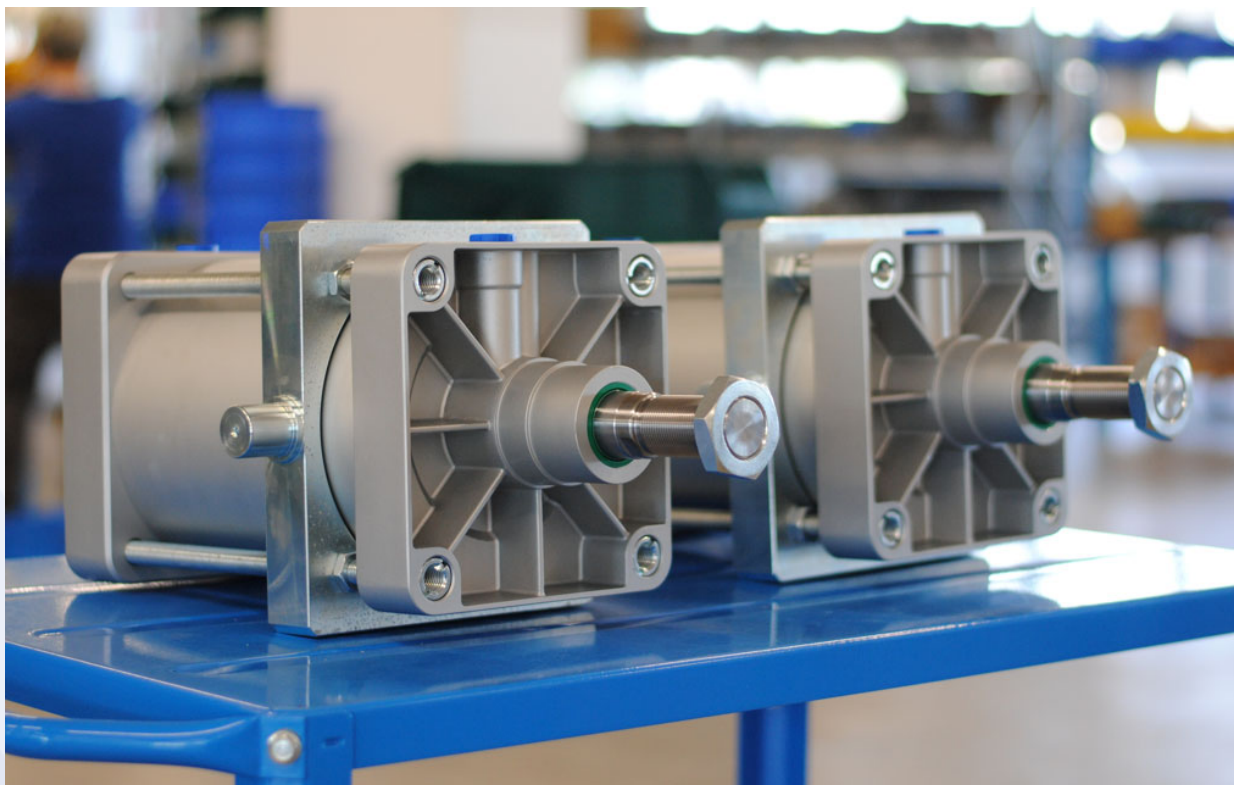


P2720 Cylinder series ISO 15552

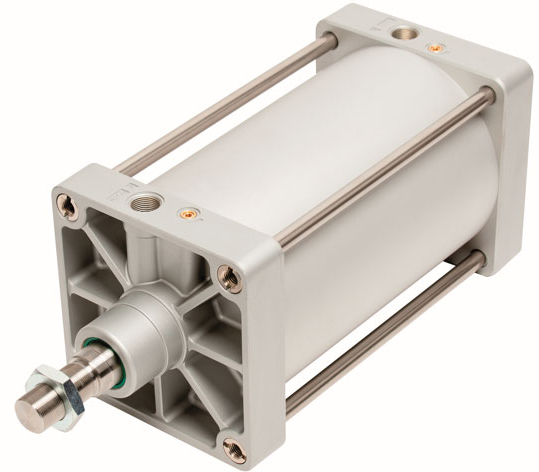


Technical characteristics and constructions

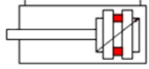
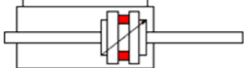
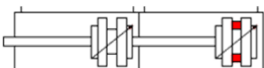
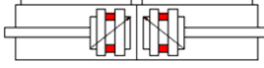
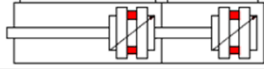


Technical characteristics

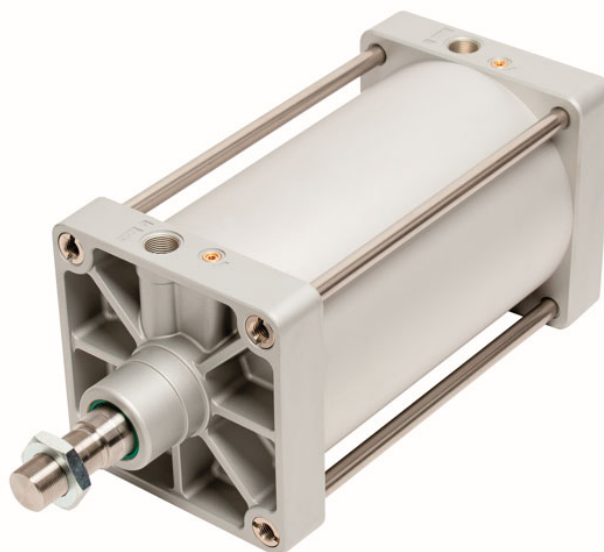
- Double acting cylinder, with magnetic piston as standard feature
- ISO 15552
- Diecast aluminium covers
- Hard anodized round tube with tie rod constructions
- Chromed piston rod
- Pressure range 0...10 bar
- Temperature range -30...+80°C with standard seals (PU)
- Media: Pressurized air (filtered 40µm) or inert gas. Lubricated or dry
- Diameter: 125-160-200-250-320mm
- Standard strokes: 25-1000mm
- Viton seals available as an option



Constructions

P2720	Double acting cylinder with magnetic piston rod	Cylinder with 2 positions	
P2721	Cylinder with double rod	Work can be done on both sides of the cylinder, and the force is equal in both extend and retract for the same operating pressure	
P2722	Double cylinder (tandem)	Both cylinders have a same stroke length and same piston rod. Retract force is doubled and extend force is nearly doubled	
P2723	Rear opposed tandem	Both cylinders have different strokes so cylinder has 4 positions	
P2728	Multi-position tandem	Cylinders have different stroke length and different piston rods. Cylinder has 3 positions.	

Double acting cylinder P2720



Product code:

P2720 VH-200/40 - 500 + BH+...+PNO

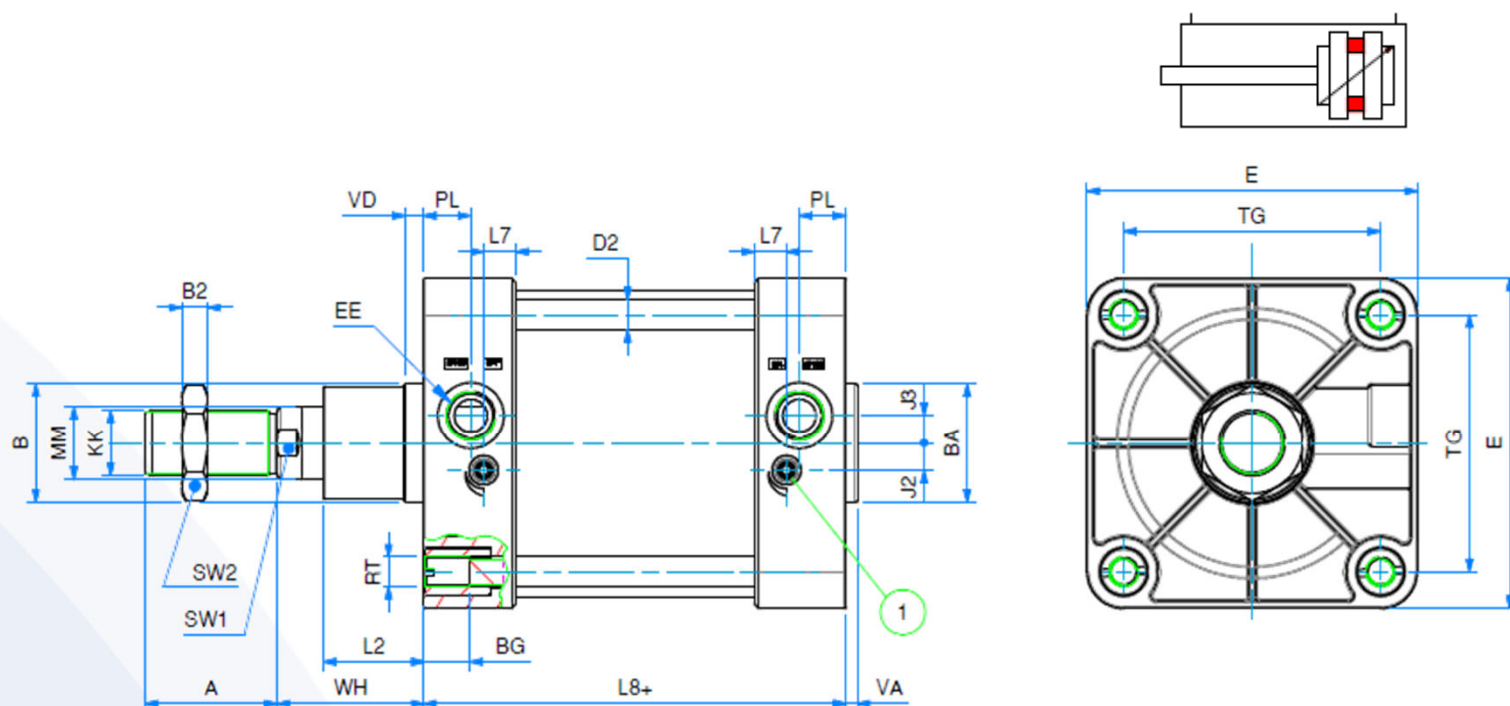
1. 2. 3. 4. 5. 6.

1. Cylinder series
2. Blank=Standard construction
H=Cromed piston rod , AISI316
K= external parts aluminium/stainless steel,
Piston rod AISI316
V=Viton seals
3. Bore/piston rod diameter
4. Stroke (mm)
5. Mounting accessories
6. Drawing number (only special design)

Bore ø	Rod ø	Connection	Area of piston cm ²		Load N/6 bar		Custioning length mm
			+ stroke	- stroke	+ stroke	- stroke	
125	32	G1/2"	123	115	7300	6800	39
160	40	G3/4"	201	188	12000	11100	49
200	40	G3/4"	314	302	18800	18000	49
250	50	G 1"	490,8	471,2	29400	28200	43
320	63	G 1"	804,2	773	48200	46300	43

Bore ø	Standard strokes						
	125	160	200	250	320	400	500
125	x	x	x	x	x	x	x
160	x	x	x	x	x	x	x
200	x	x	x	x	x	x	x
250	x	x	x	x	x	x	x
320	x	x	x	x	x	x	x

P2720 Double acting cylinder



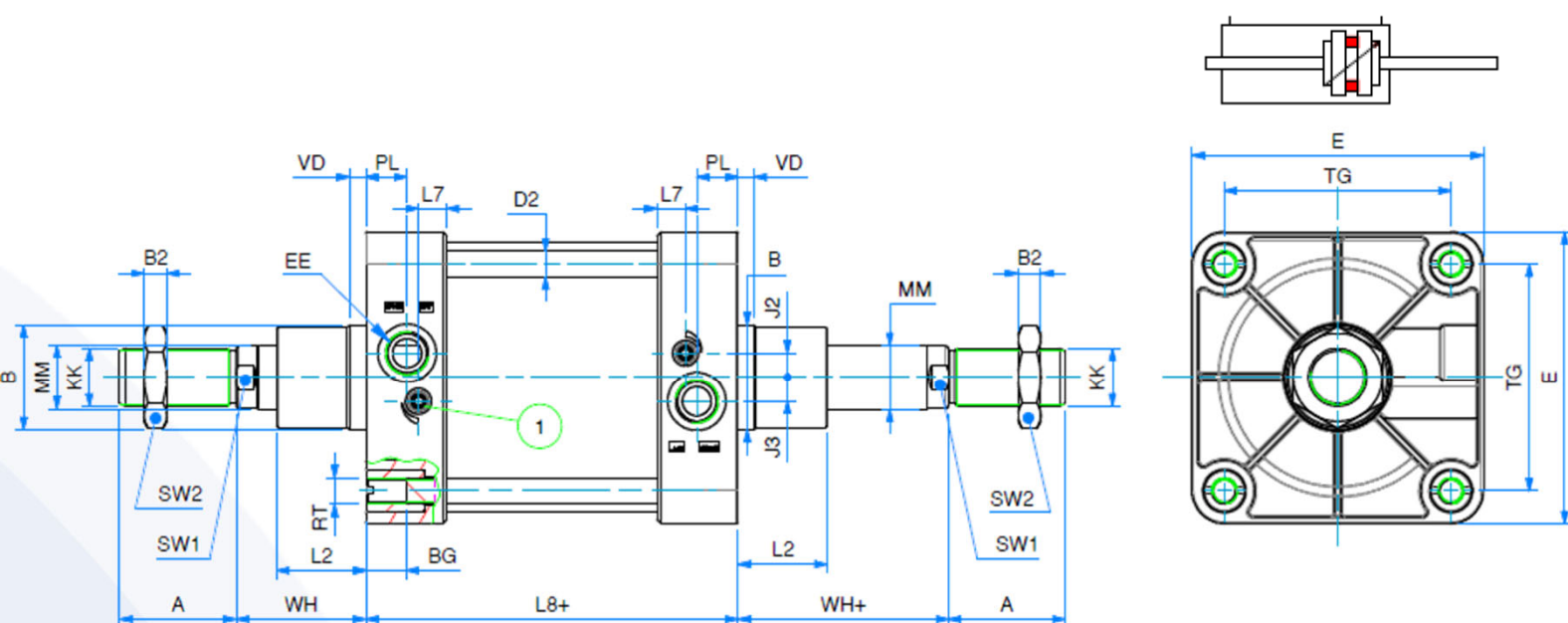
Dimensions

	125	160	200	250	320
ϕ	125	160	200	250	320
A	54	72	72	84	96
ϕB	60	65	75	90	110
B2	12	14	14	16	18
ϕBA	60	65	75	90	110
BG	20	24	24	25	28
$\phi D2$	12	16	16	20	25
E	134	180	220	270	350
EE	G1/2	G3/4"	G3/4"	G1"	G1"
J2	10	15	15	25	35
J3	7	15	15	25	35
KF	M16	M20	M20	M24	M30
KK	M27X2	M36x2	M36X2	M42X2	M48X2
L2	46	55	65	75	90
L7	11	17,5	16	20	20
L8+	160	180	180	200	220
ϕMM	32	40	40	50	63
PL	18	25,5	25,5	30	30
RT	M12	M16	M16	M20	M24
SW1	27	36	36	46	55
SW2	41	55	55	65	75
TG	110	140	175	220	270
VA	6	6	8	8	10
VD	10	10	25	25	25
WH	65	80	95	105	120
*	35	45	45	45	45

+ Stroke (mm)

* Cushioning (mm)

P2721 Double acting cylinder with double rod



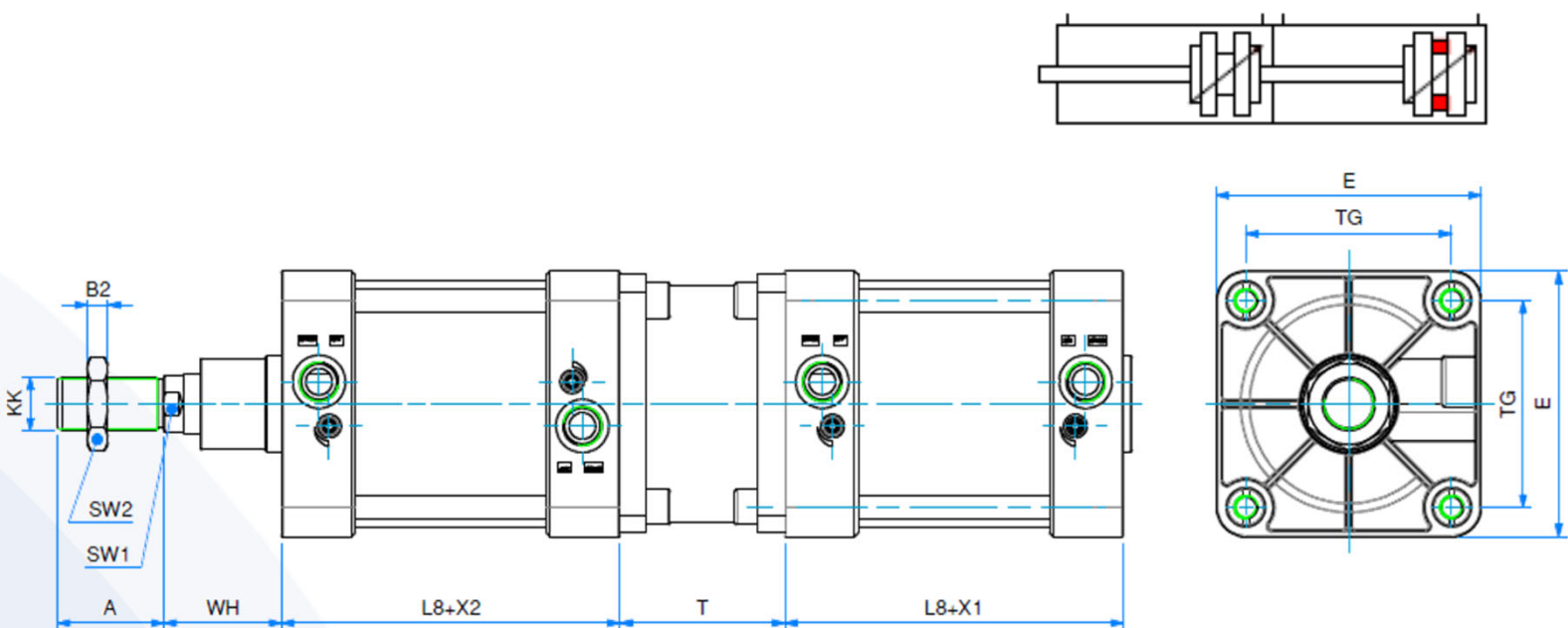
Dimensions

	125	160	200	250	320
$\varnothing$	125	160	200	250	320
A	54	72	72	84	96
$\varnothing B$	6	65	75	90	110
B2	12	14	14	16	18
BG	20	24	24	25	28
$\varnothing D2$	12	16	16	20	25
E	134	180	220	270	350
EE	G1/2"	G3/4"	G3/4"	G1"	G1"
J2	10	15	15	25	35
J3	7	15	15	25	35
KF	M16	M20	M20	M24	M30
KK	M27X2	M36X2	M36X2	M42X2	M48X2
L2	46	55	65	75	90
L7	11	17,5	16	20	20
L8+	160	180	180	200	220
$\varnothing MM$	32	40	40	50	63
PL	18	25,5	25,5	30	30
RT	M12	M16	M16	M20	M24
SW1	27	36	36	46	55
SW2	41	55	55	65	75
TG	110	140	175	220	270
VD	10	10	25	25	25
WH	65	80	95	105	120
WH+	65	80	95	105	120
*	35	45	45	45	45

+ Stroke (mm)

* Cushioning (mm)

P2722 Double thrust (Tandem)



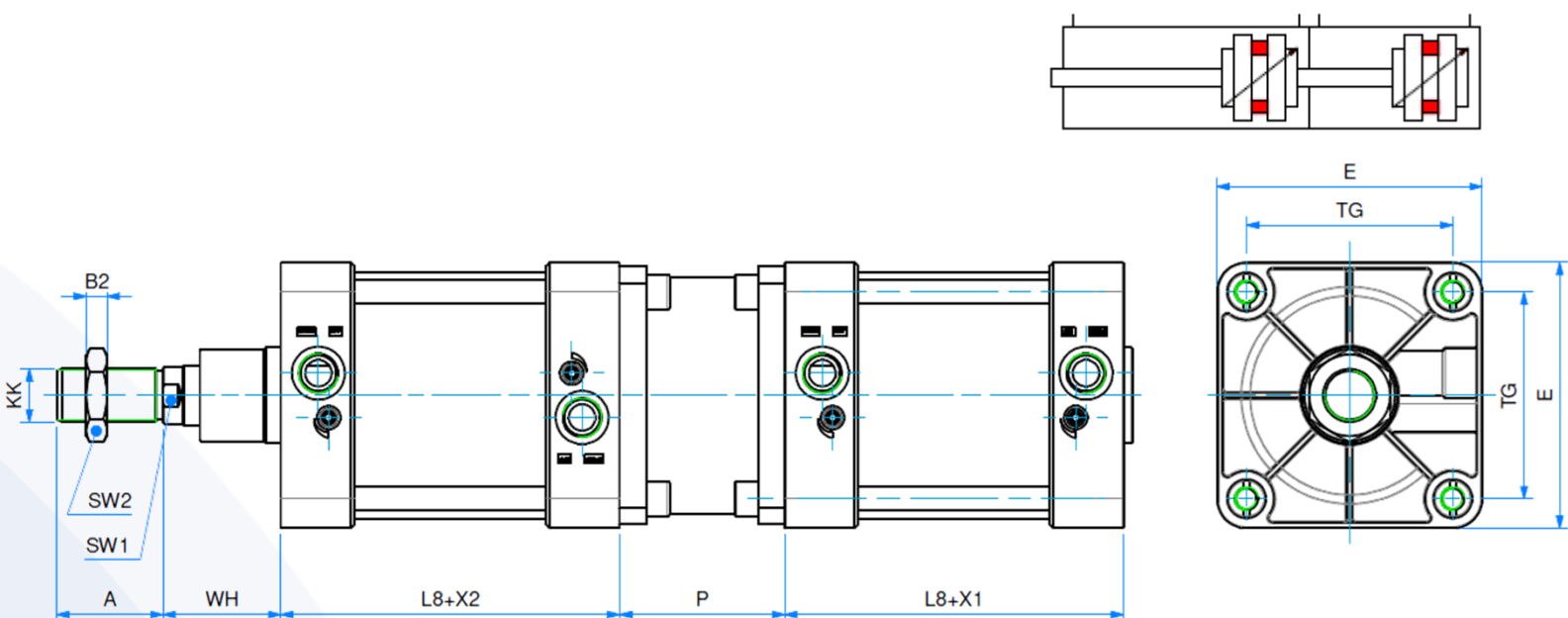
Dimensions

ø	125	160	200	250	320
A	54	72	72	84	96
B2	12	14	14	16	18
E	134	180	220	270	350
KK	M27x2	M36x2	M36x2	M42x2	M48x2
L8	160	180	180	200	220
øMM	32	40	40	50	63
SW1	27	36	36	46	55
SW2	41	55	55	65	75
T	93	112	132	152	182
TG	110	140	175	220	270
X1	Stroke 1	Stroke 1	Stroke 1	Stroke 1	Stroke 1
X2	Stroke 2	Stroke 2	Stroke 2	Stroke 2	Stroke 2
WH	65	80	95	105	120
*	35	45	45	45	45

+ Stroke (mm)

* Cushioning (mm)

P2728 Multi-position (Tandem)



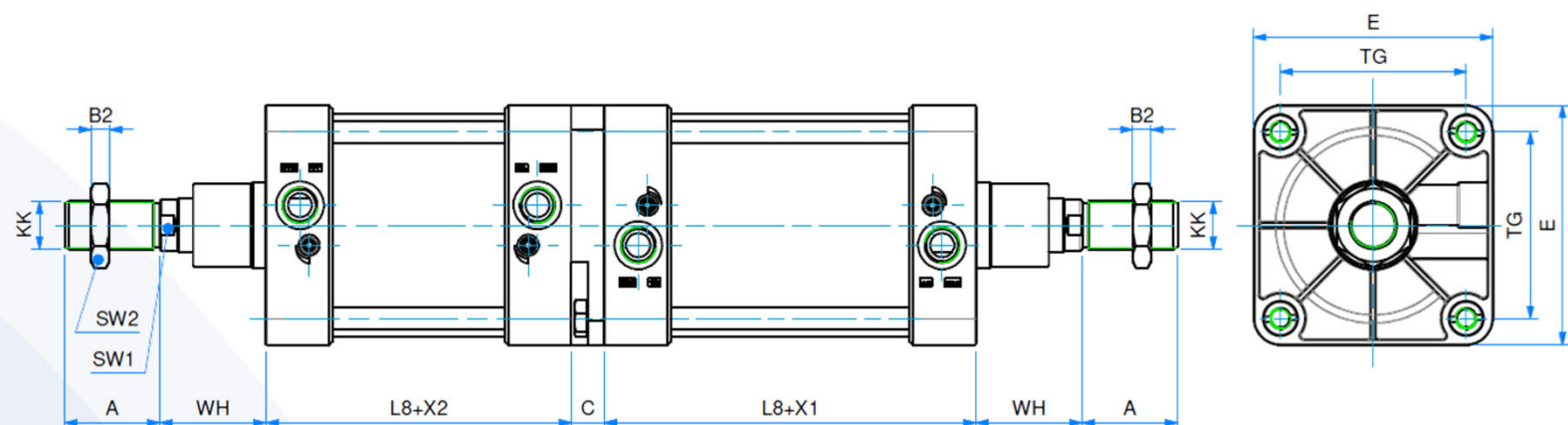
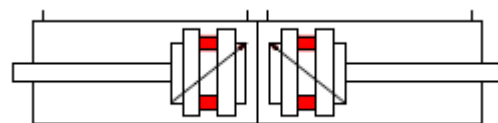
Dimension

ø	125	160	200	250	320
A	54	72	72	84	96
B2	12	14	14	16	18
E	134	180	220	270	350
KK	M27x2	M36x2	M36x2	M42x2	M48x2
L8	160	180	180	200	220
øMM	32	40	40	50	63
P	93	112	132	152	182
SW1	27	36	36	46	55
SW2	41	55	55	65	75
TG	110	140	175	220	270
X1	Stroke 1	Stroke 1	Stroke 1	Stroke 1	Stroke 1
X2	Stroke 2	Stroke 2	Stroke 2	Stroke 2	Stroke 2
WH	65	80	95	105	120
*	35	45	45	45	45

+ Stroke (mm)

* Cushioning (mm)

P2723 Rear opposed (Tandem)



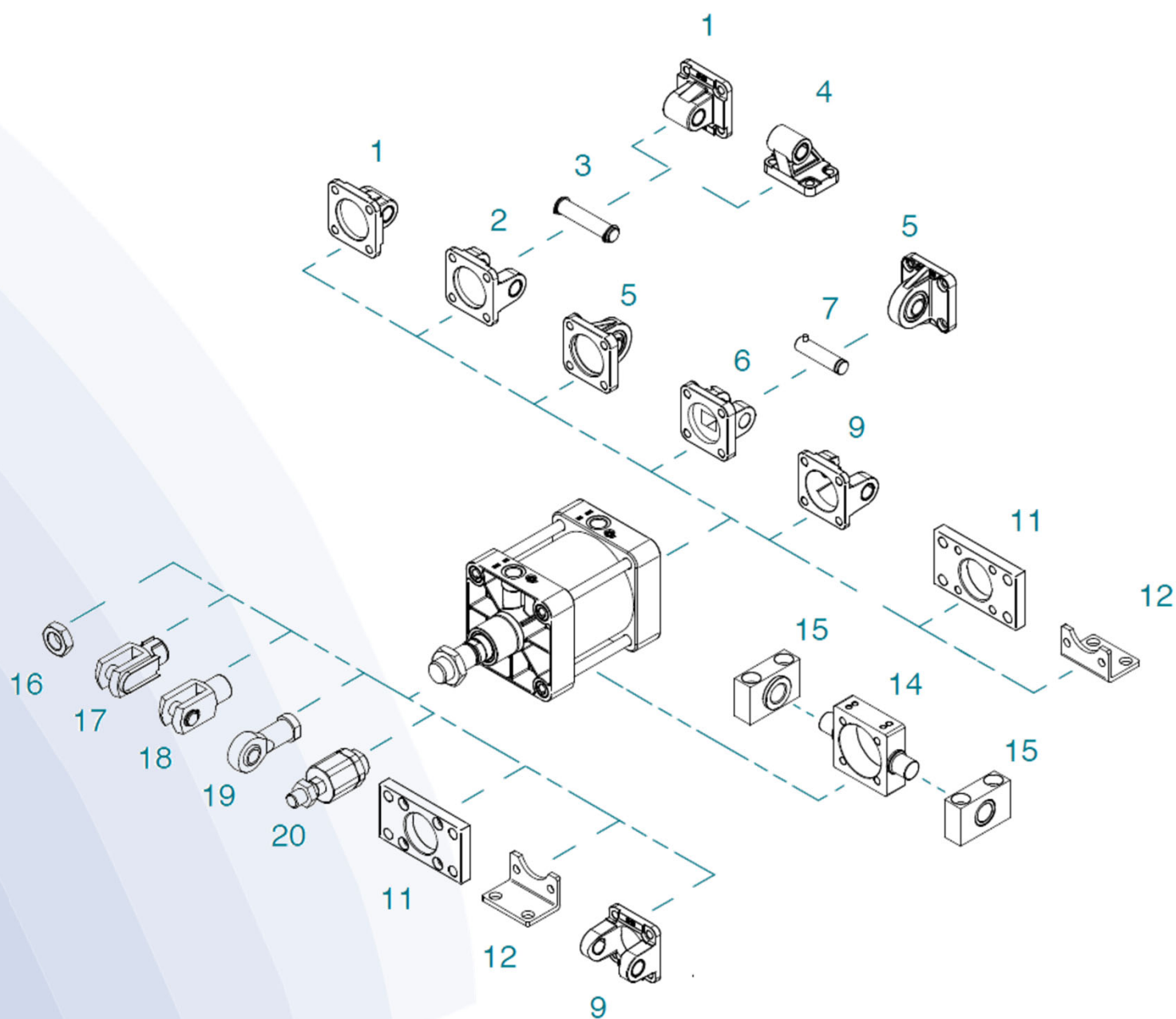
Dimensions

ø	125	160	200	250	320
A	54	72	72	84	96
B2	12	14	14	16	18
C	30	25	25	30	40
E	134	180	220	270	350
KK	M27x2	M36x2	M36x2	M42x2	M48x2
L8	160	180	180	200	220
øMM	32	40	40	50	63
SW1	27	36	36	46	55
SW2	41	55	55	65	75
TG	110	140	175	220	270
X1	Stroke 1	Stroke 1	Stroke 1	Stroke 1	Stroke 1
X2	Stroke 2	Stroke 2	Stroke 2	Stroke 2	Stroke 2
WH	65	80	95	105	120
*	35	45	45	45	45

+ Stroke (mm)

* Cushioning (mm)

ISO 15552 Mounting parts



Mounting parts no. 2 and 3 are sold together as single item
Mounting parts no. 6 and 7 are sold together as single item

ISO 15552 Mounting parts

Flange FS (MF2)
($\varnothing$ 32-320)



**Female finge
MA (MP2)**
($\varnothing$ 32-320) MS
(steel versio)



**Foot mounting SS
(MS 1) ($\varnothing$ 32-250)**
MS (steel versio)



Rod eye BS
($\varnothing$ 32-320)
BH (stainless steel
versio)



**Clevis with
locable pin CS**
($\varnothing$ 32-320)
CH (stainless steel
versio)



**Intermediate
hinge TA ($\varnothing$ 32-
125)**
CH (stainless steel
versio)



**Male hinge
with ball joint
RA std (MP6)**
($\varnothing$ 32-320)



Nut DS
($\varnothing$ 32-320)



**Male hinge PA
(MP4) ($\varnothing$ 32-
200) PS (steel
version)**



**Support for
intermediate
hinge VDMA
(MP6)**
($\varnothing$ 32-320)



**Square hinge LA
(AB7)**
($\varnothing$ 32-320)



**Narrow
female hinge,
NA ($\varnothing$ 32-125)**



**Self aligning
joint**



Code examble

RA - 050 - 20



1. Connector type
2. Material A=aluminium, S=Steel H=Stainless steel
3. Size 032=32mm, 040=40mm, 100=100mm etc...
4. Internal number

Seal kits

Seals kits contains following parts:

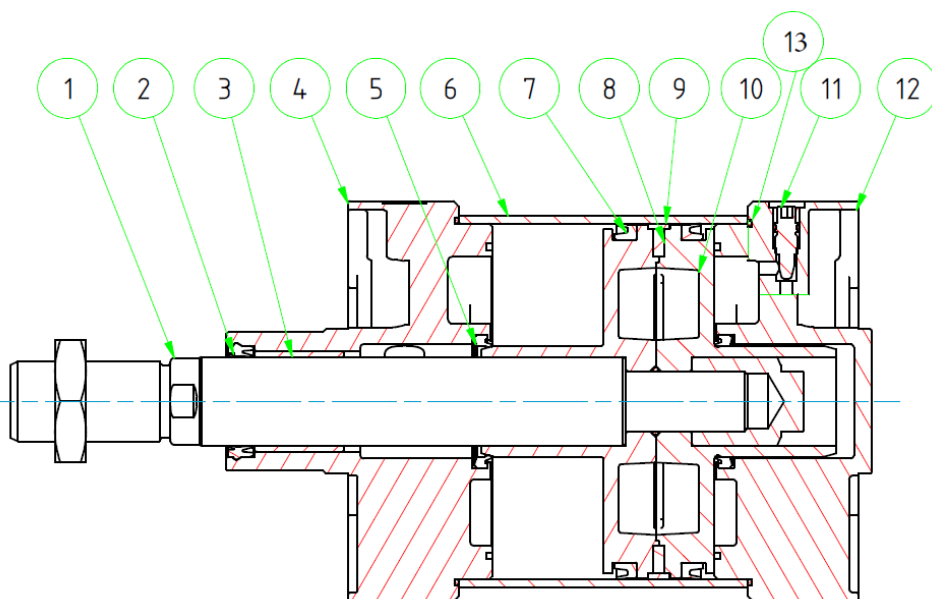
P2720 (no.2, 2 pcs no 5, 2 pcs no 7, no 9 and 2pcsn 13)

P2721 (P2720 seal kit + 1 piece no 2)

P2722 (2pcs seal kit P2720)

P2723 (2 pcs seal kit P2720)

P2728 (2 pcs seal kit P2720)



Seals kit

ø	125	160	200	250	320
P2720	PT0024772	PT0019461	PT0019462	PT0019463	PT0019464
P2721	PT0024832	PT0024833	PT0024834	PT0024835	PT0024836
P2723	2xPT0024772	2xPT0019461	2xPT0019462	2xPT0019463	2xPT0019465
P2728	1 piece P2720 seal kits and 1 piece P2721 seal kits				
P2722	1 piece P2720 seal kits and 1 piece P2721 seal kits				

Viton seals kit

ø	125	160	200	250	320
P2720	PT0023111	PT0019465	PT0019466	PT0019467	PT0019468



Pimatic Oy | Klaavolantie 1, 32700 Huittinen, Finland
 Tel. +358 (0)20 770 9501 | info@pimatic.fi
www.pimatic.fi