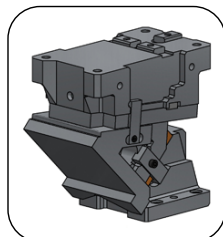


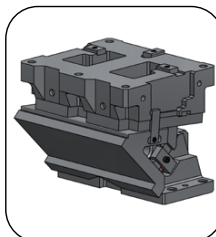


AWBC
Aerial cam for pierce and flange

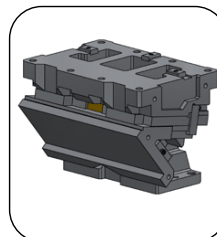
General information



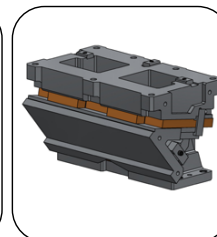
AWBC 0200
AWBC 0300



AWBC 0400



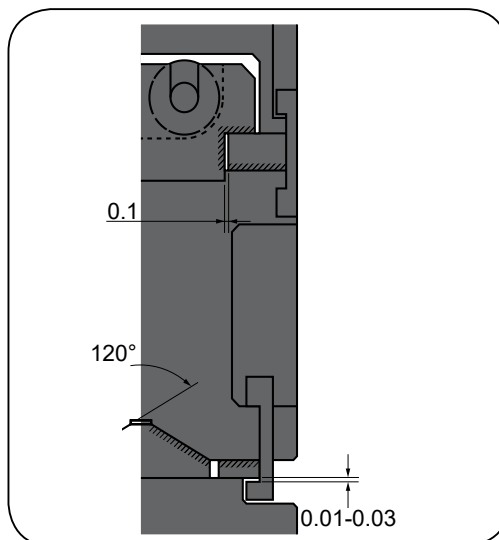
AWBC 0500



AWBC 0600

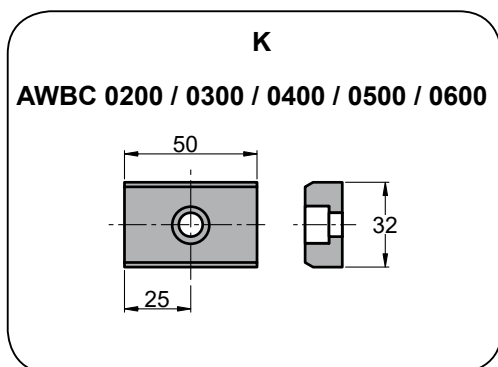
- Aerial cam.
- Angles from 0° to 60° with increments of 5°.
- "V" shaped sliding for auto-centered.
- Slider easy desassembly from the rear.

Adjustment clearances



AWBC 0200
AWBC 0300
AWBC 0400
AWBC 0500
AWBC 0600

Keys



AWBC*Aerial cam for pierce and flange***AZOL
GAS** 

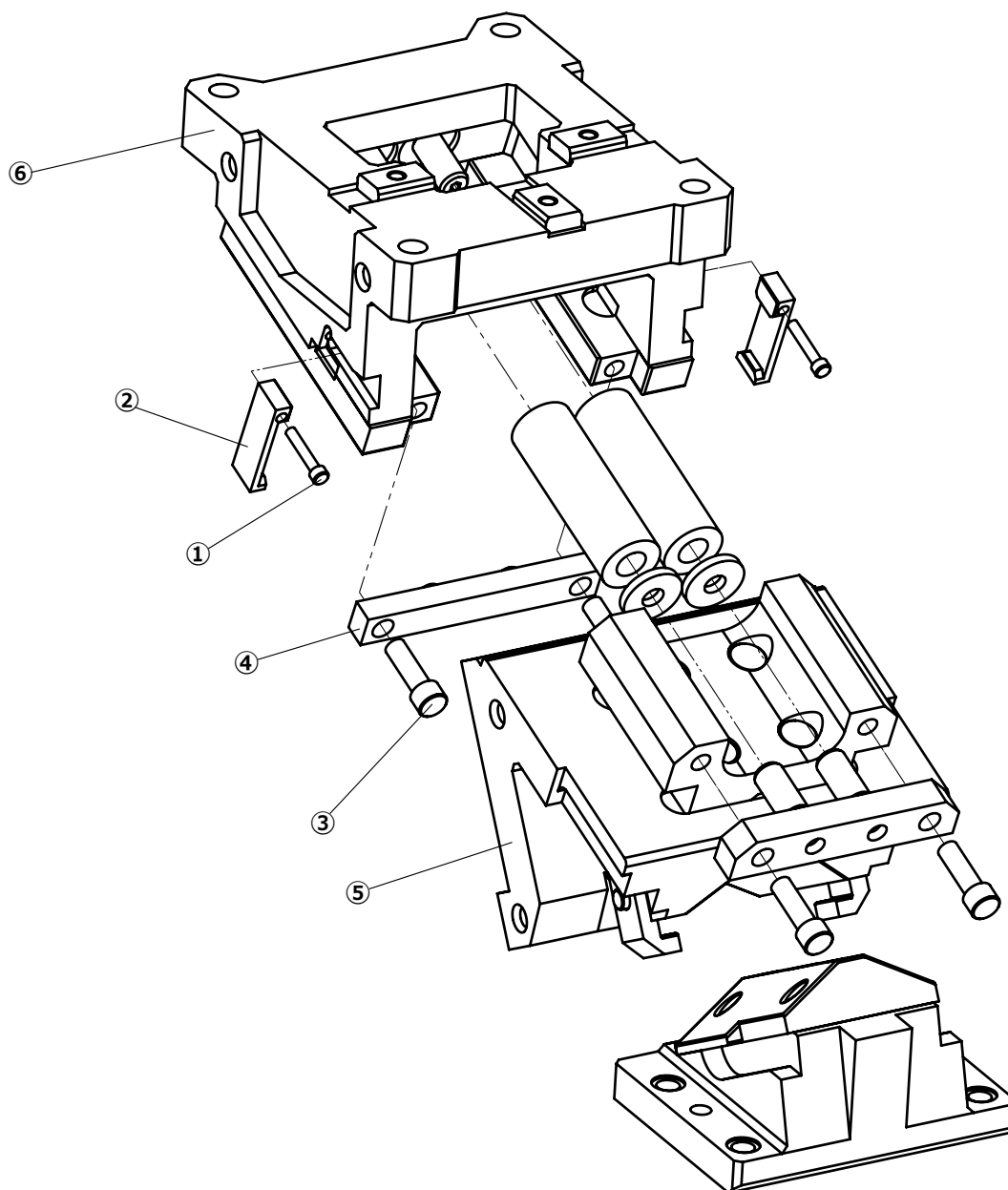
Assembling and disassembling

Disassembling process

- Unscrew ① pieces and remove extraction plates ②.
- Unscrew ③ and remove stopper plate ④.
- Push cam slider ⑤ and remove cam support ⑥.

Assembling process

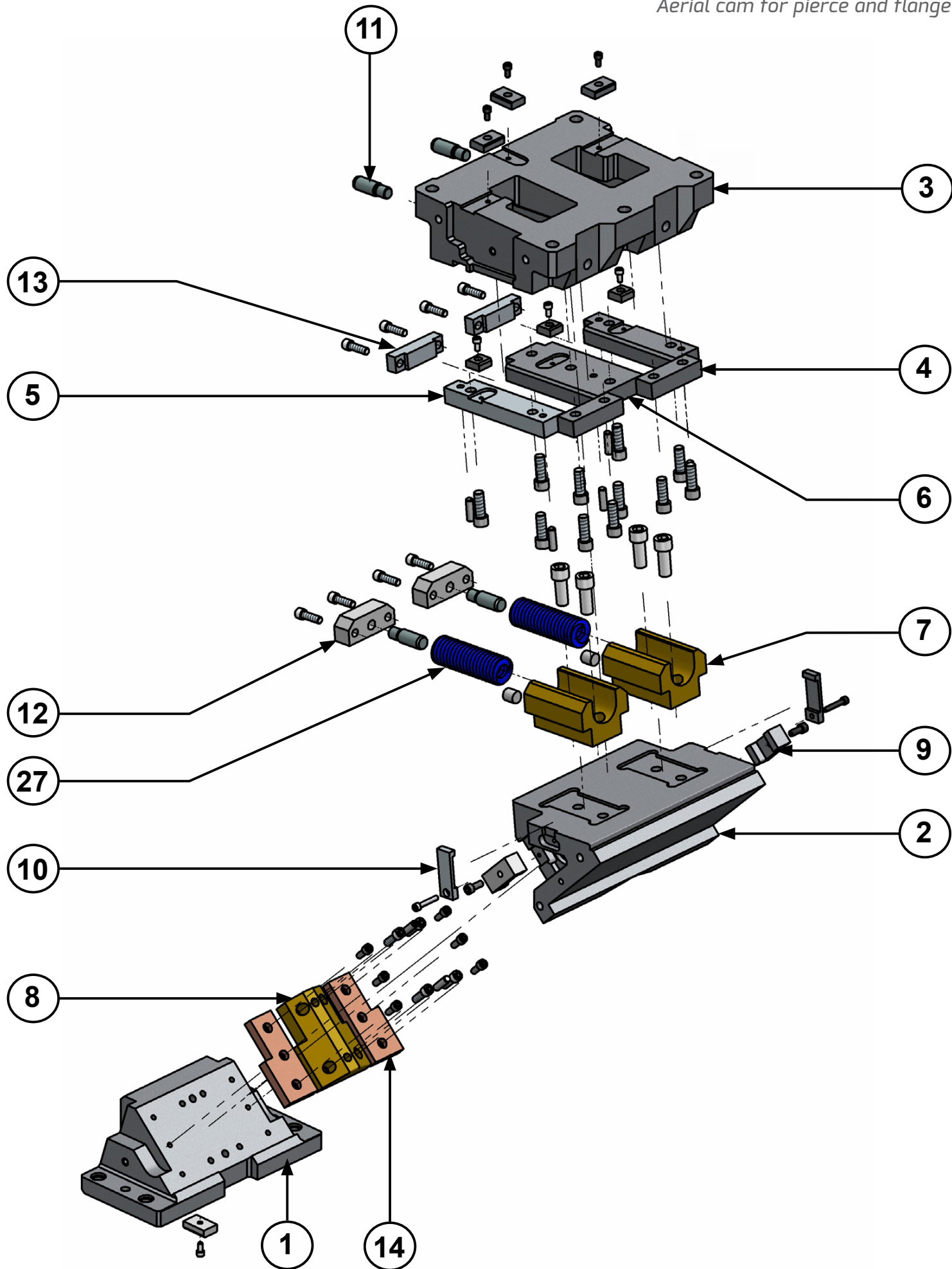
- Make sure that there are no metal shaving or impurities.
- The clearance between the cam holder and slider is controlled.
- Match the serial numbers marked in each part before assembly.
- Make sure that all the screws have been used.





AWBC 0400

Aerial cam for pierce and flange

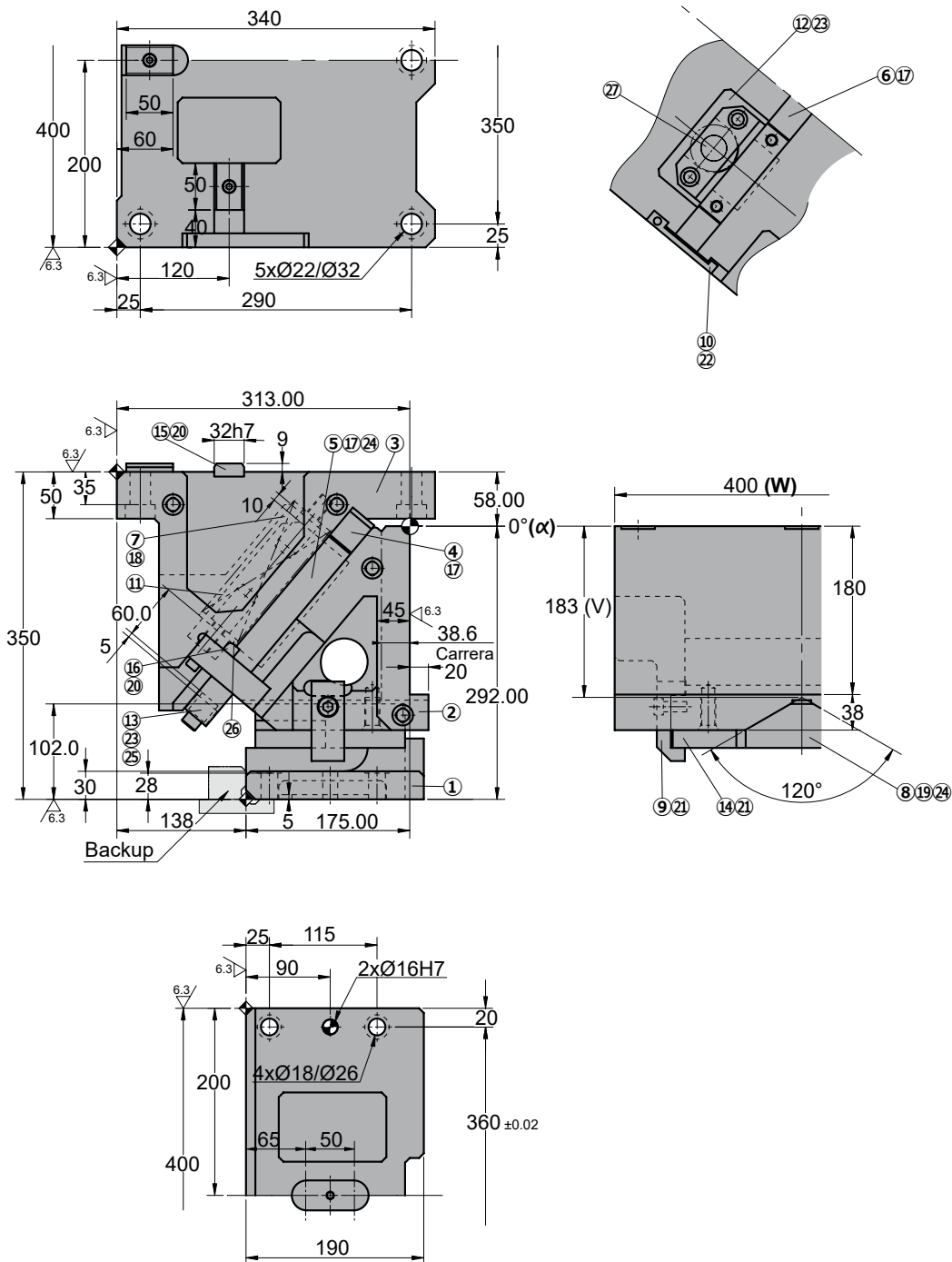


AWBC 0400

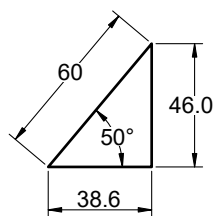
Aerial cam for pierce and flange



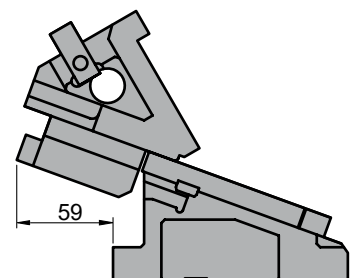
AWBC 0400 00



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
38.6	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	191.1	AWBC	0400	00
			---	13459.4 (1372.5)				



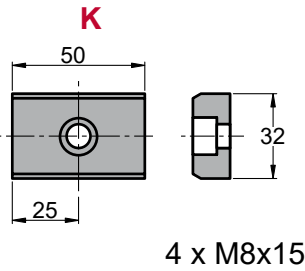
Order: Model (W) (α)
AWBC 0400 00

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

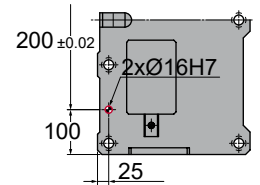
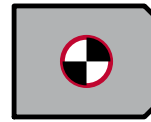
K - KF

KEY



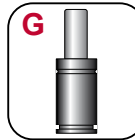
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 00-K**
- AWBC 0400 00-G-P16**
- AWBC 0400 00-G-P16-K**
- AWBC 0400 00-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

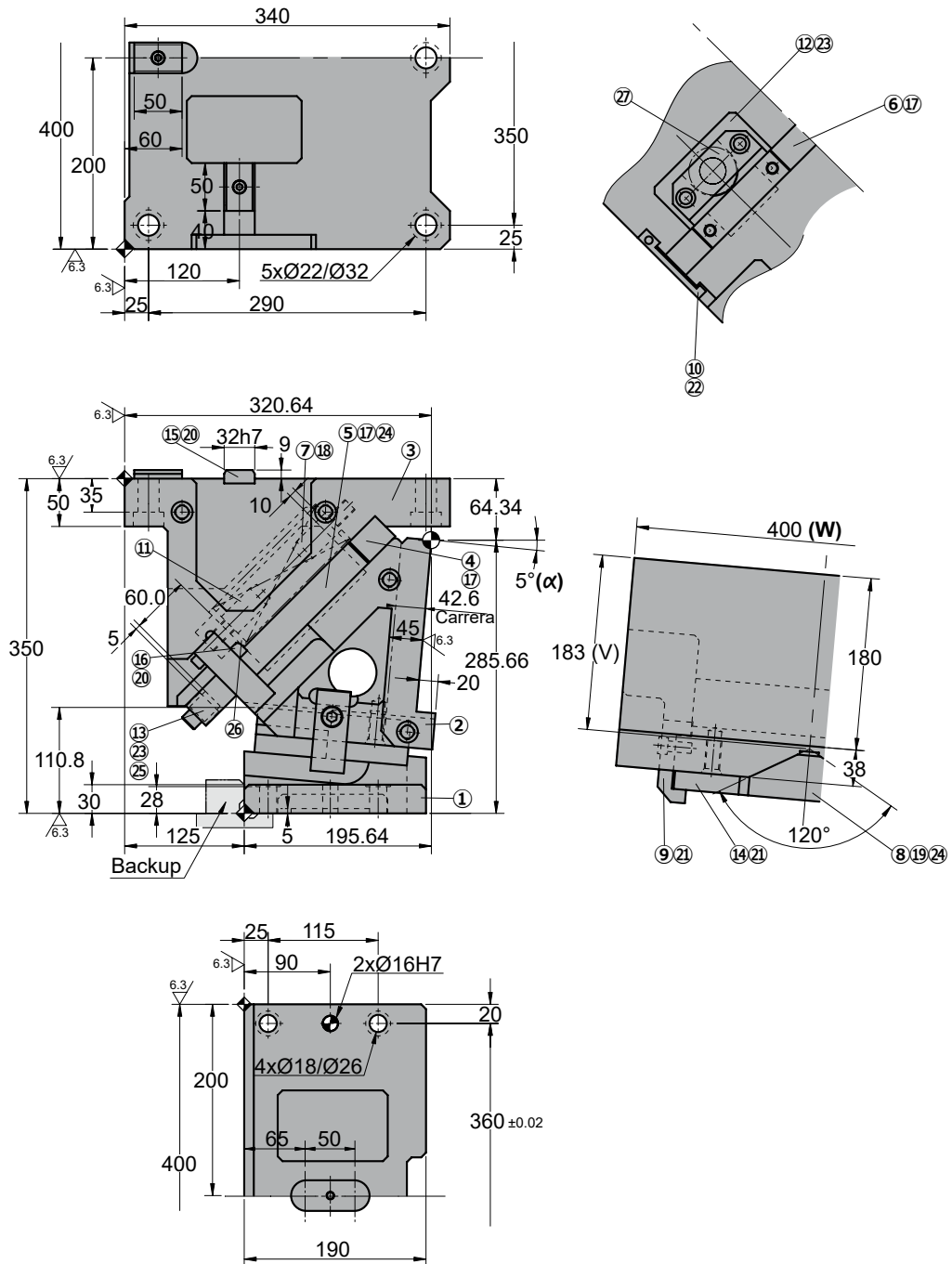
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

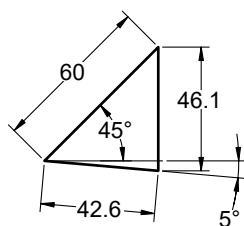
Aerial cam for pierce and flange



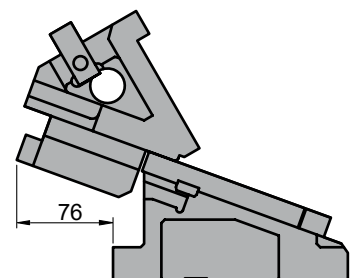
AWBC 0400 05



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
42.6	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	189.3	AWBC	0400	05
			---	13459.4 (1372.5)				



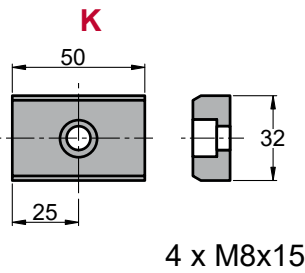
Order: Model (W) (α)
AWBC 0400 05

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

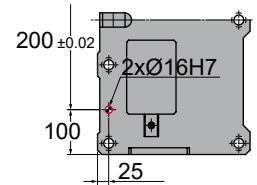
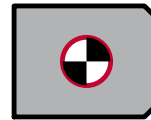
K - KF

KEY

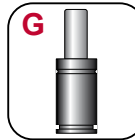


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 05-K**
- AWBC 0400 05-G-P16**
- AWBC 0400 05-G-P16-K**
- AWBC 0400 05-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

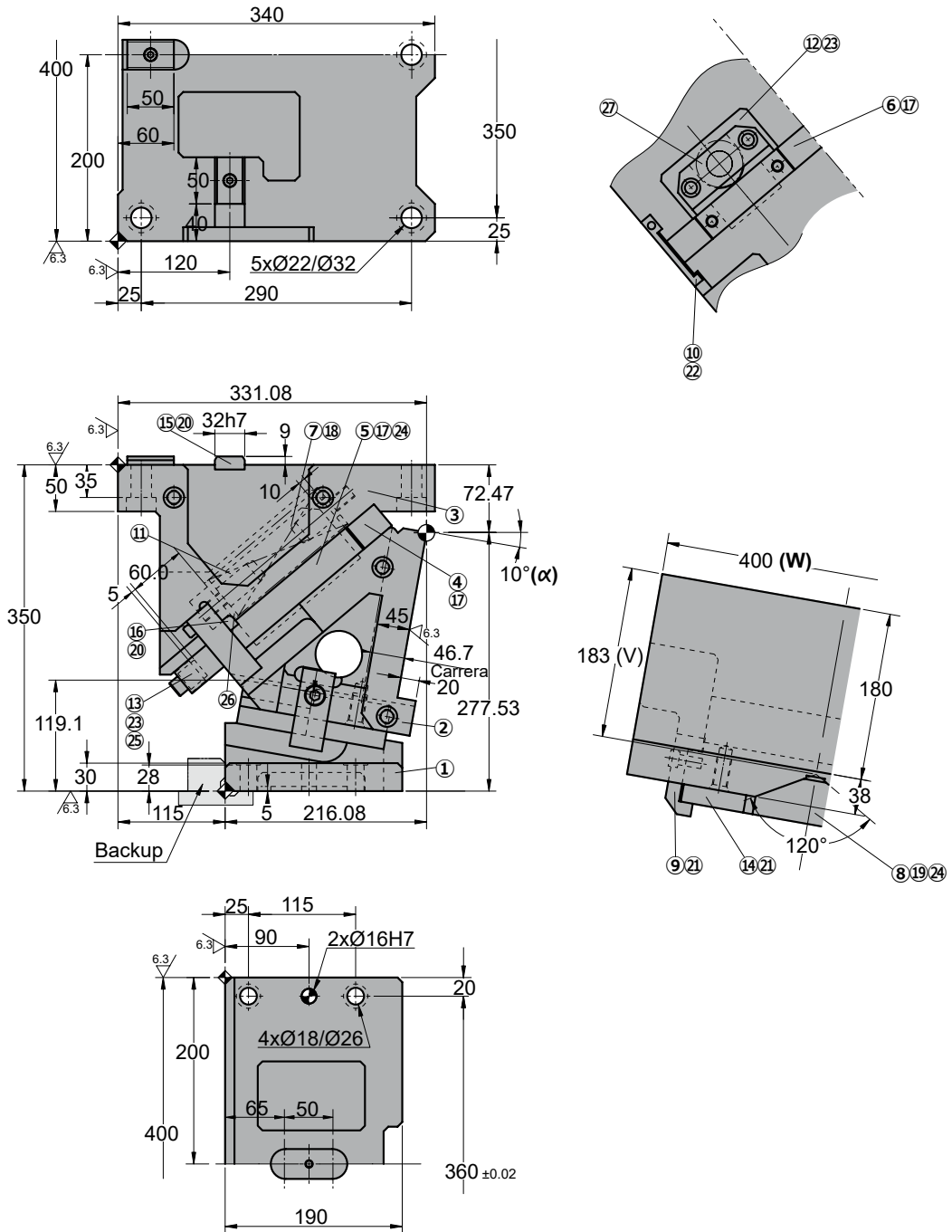
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

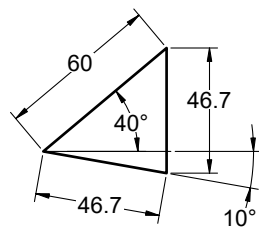
Aerial cam for pierce and flange



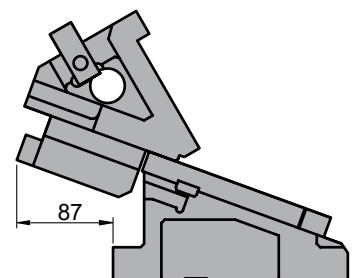
AWBC 0400 10



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
46.7	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	188.0	AWBC	0400	10
			---	13459.4 (1372.5)				



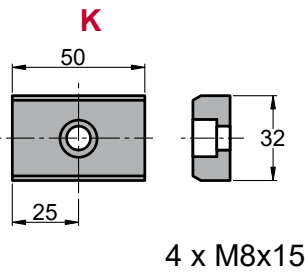
Order: **Model (W) (α)**
AWBC 0400 10

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

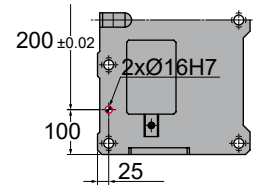
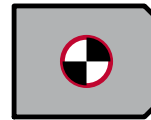
K - KF

KEY



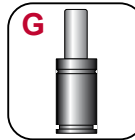
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 10-K**
- AWBC 0400 10-G-P16**
- AWBC 0400 10-G-P16-K**
- AWBC 0400 10-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

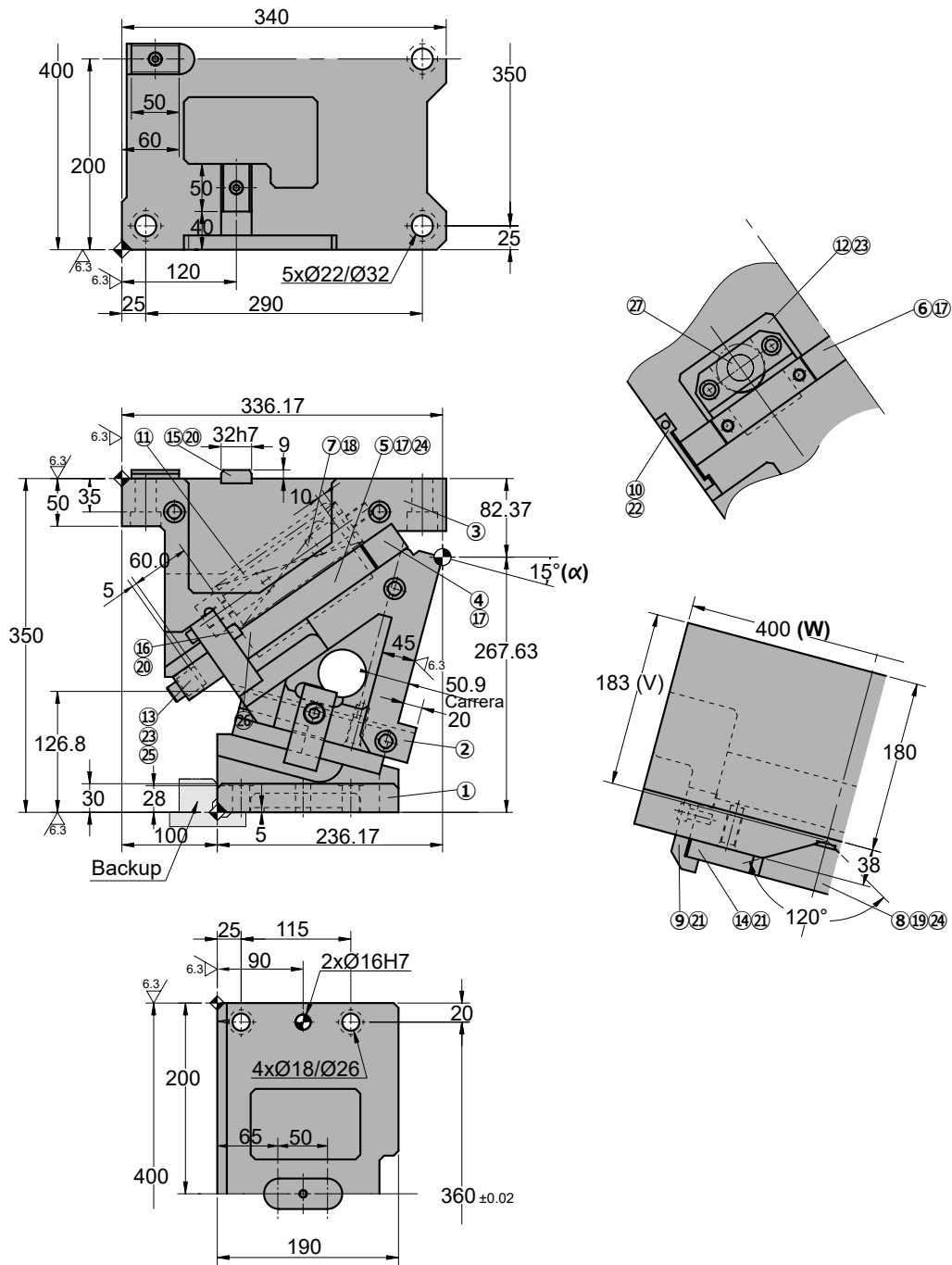
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

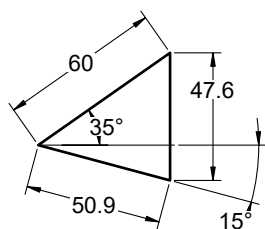
Aerial cam for pierce and flange



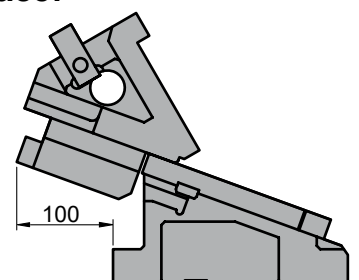
AWBC 0400 15



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
50.9	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	186.1	AWBC	0400	15
			---	13459.4 (1372.5)				



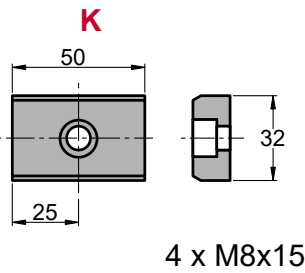
Order: Model (W) (α)
AWBC 0400 15

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

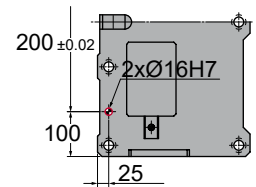
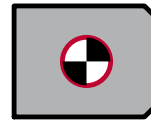
K - KF

KEY

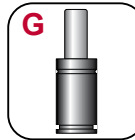


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 15-K**
- AWBC 0400 15-G-P16**
- AWBC 0400 15-G-P16-K**
- AWBC 0400 15-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

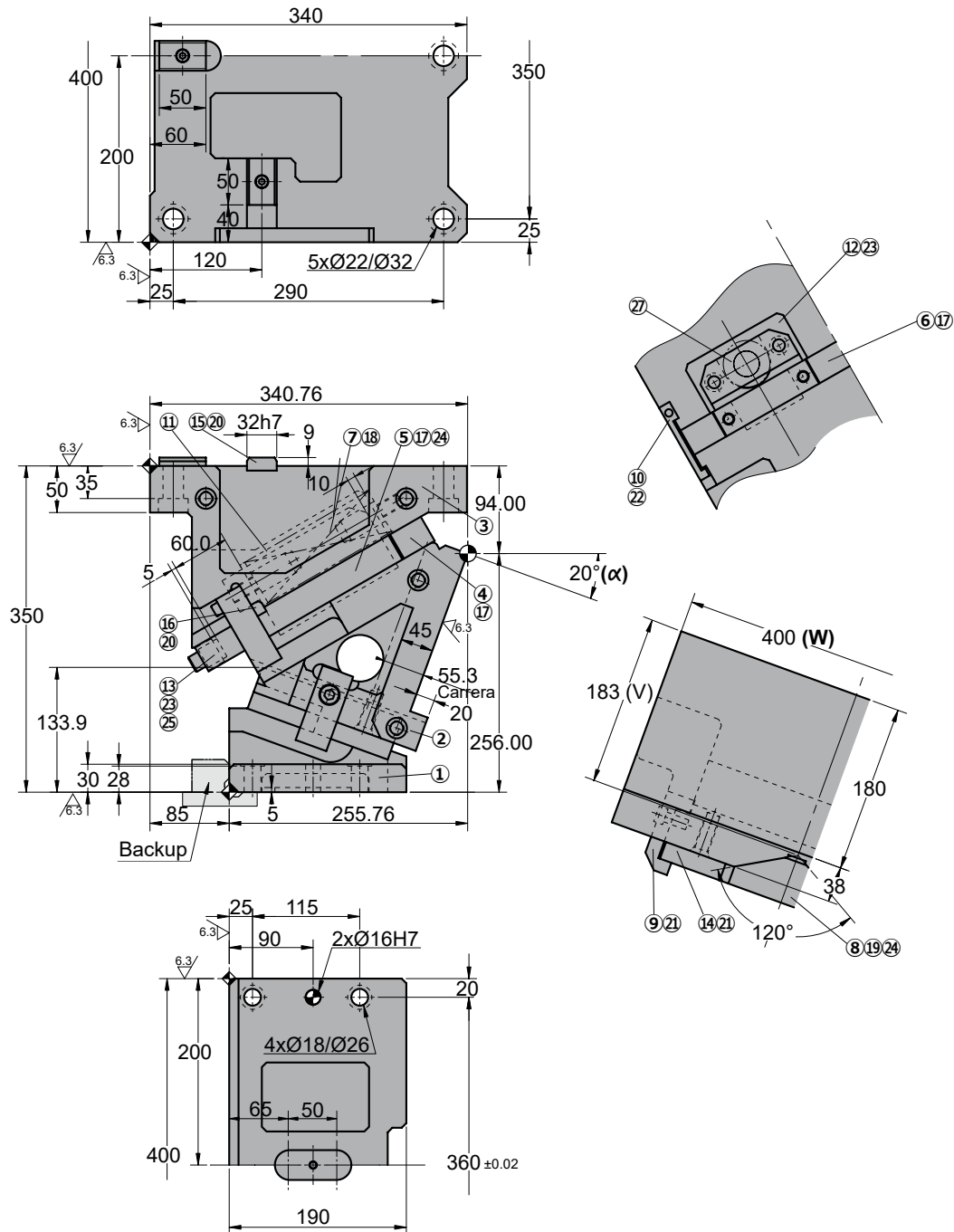
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

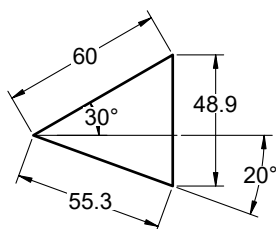
Aerial cam for pierce and flange



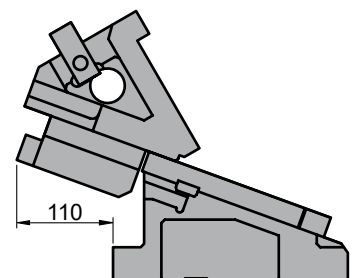
AWBC 0400 20



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
55.3	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	185.3	AWBC	0400	20
			---	13459.4 (1372.5)				



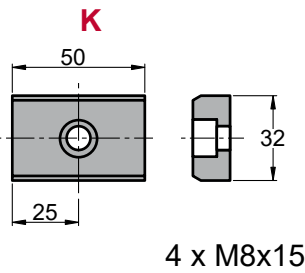
Order: Model (W) (α)
AWBC 0400 20

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

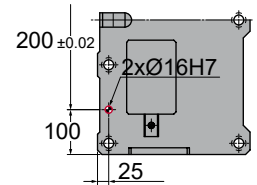
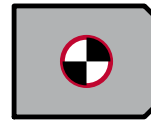
K - KF

KEY

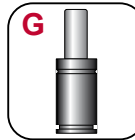


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 20-K**
- AWBC 0400 20-G-P16**
- AWBC 0400 20-G-P16-K**
- AWBC 0400 20-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

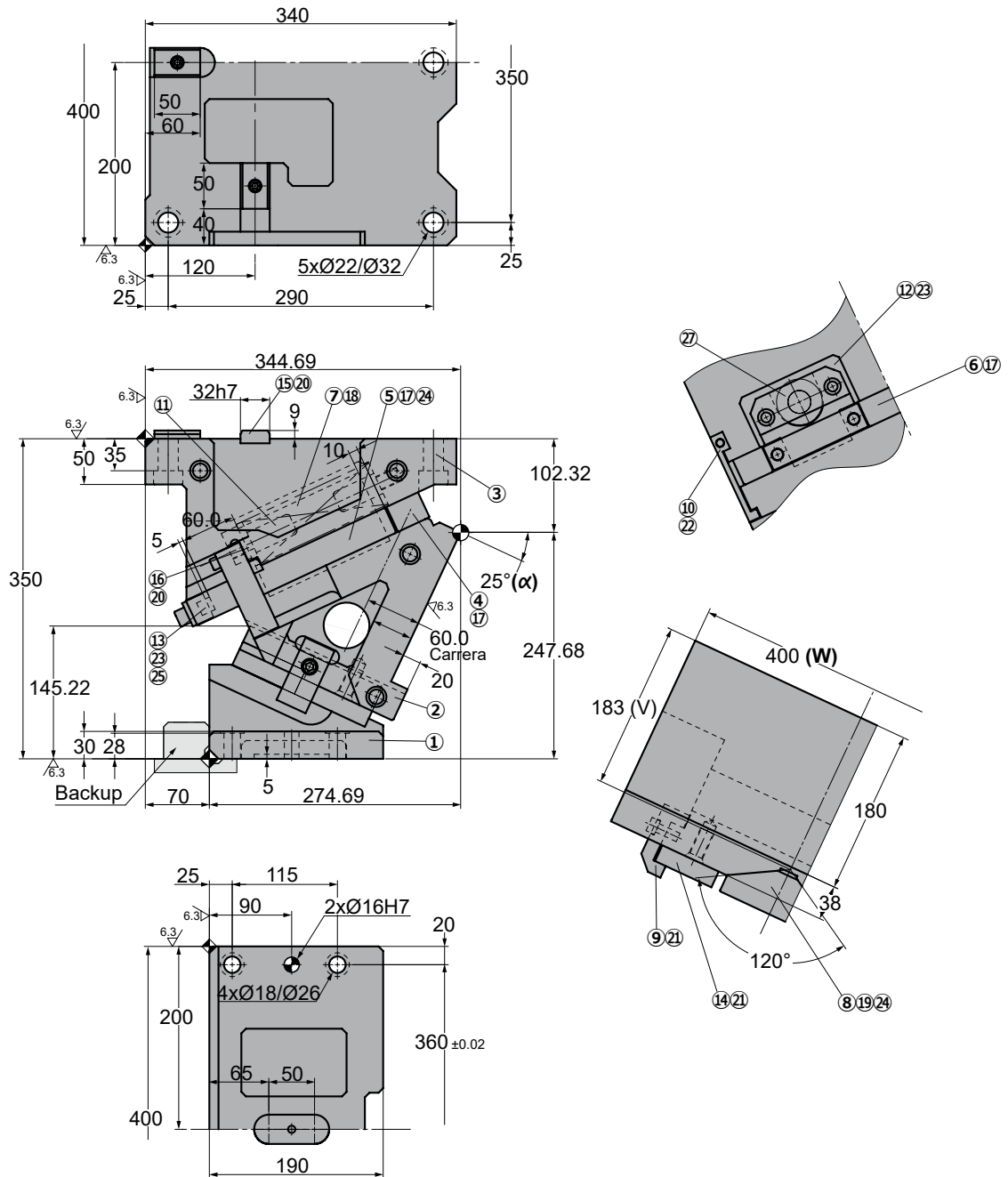
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

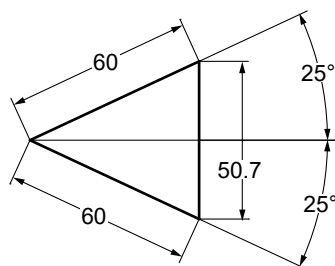
Aerial cam for pierce and flange



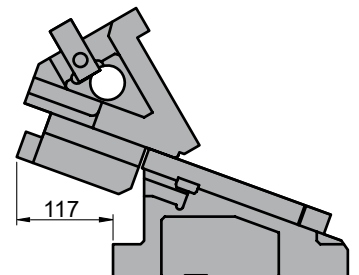
AWBC 0400 25



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
60.0	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	188.1	AWBC	0400	25
			---	13459.4 (1372.5)				



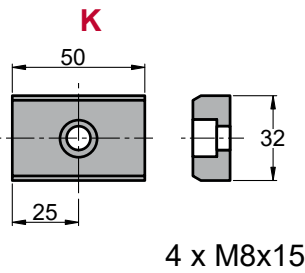
Order: Model (W) (α)
AWBC 0400 25

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

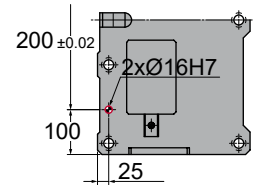
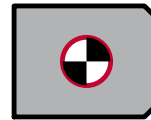
K - KF

KEY

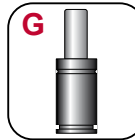


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 25-K**
- AWBC 0400 25-G-P16**
- AWBC 0400 25-G-P16-K**
- AWBC 0400 25-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (**G**)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

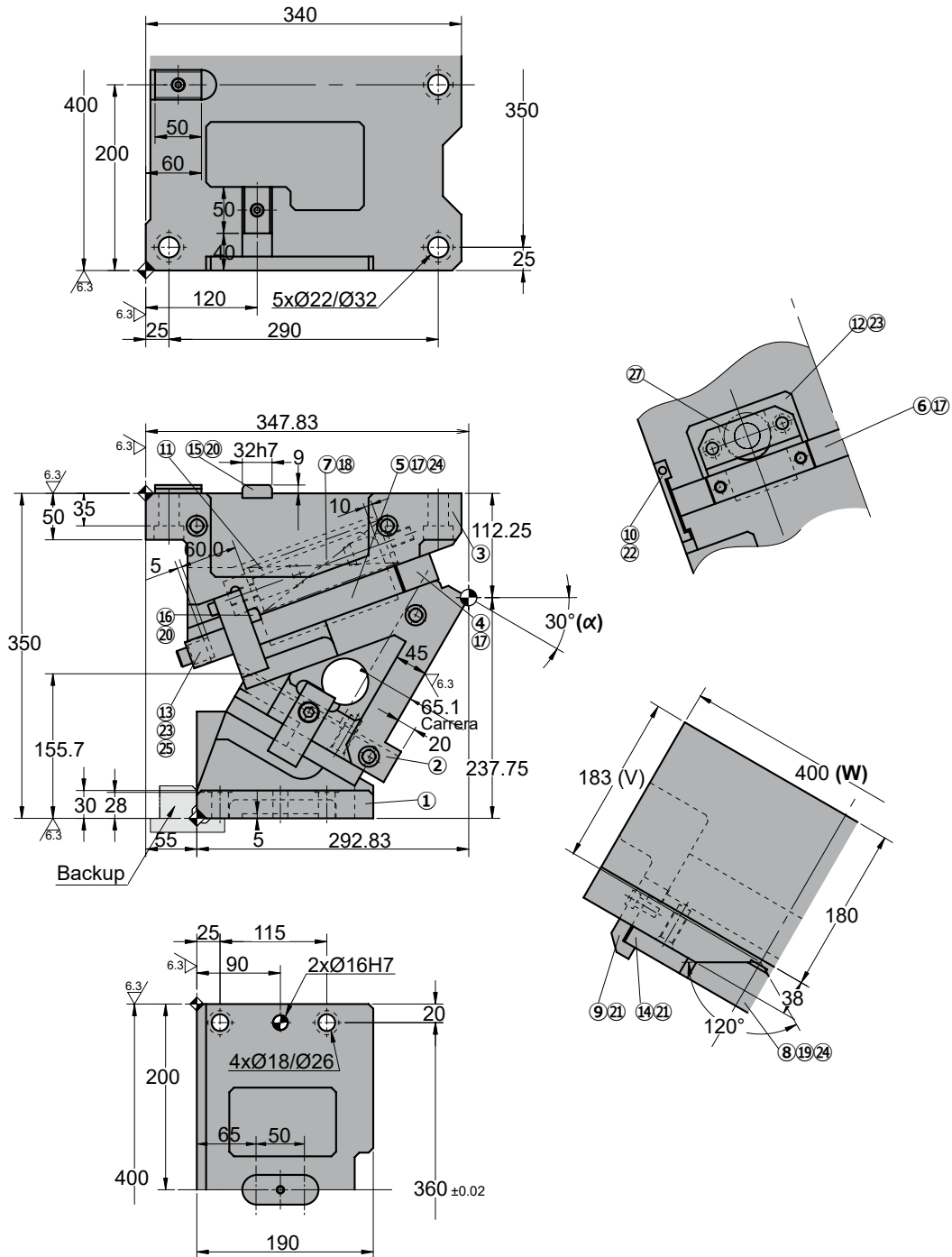
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

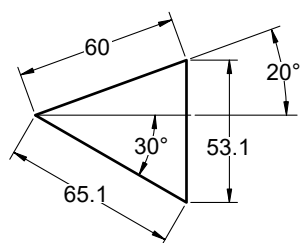
Aerial cam for pierce and flange



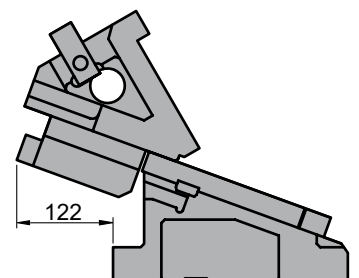
AWBC 0400 30



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
65.1	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	185.8	AWBC	0400	30
			---	13459.4 (1372.5)				



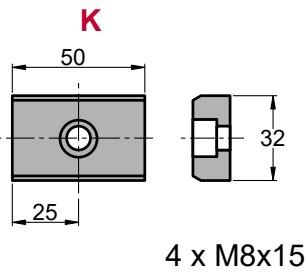
Order: Model (W) (α)
AWBC 0400 30

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

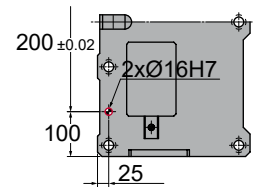
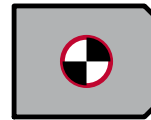
K - KF

KEY

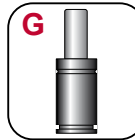


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 30-K**
- AWBC 0400 30-G-P16**
- AWBC 0400 30-G-P16-K**
- AWBC 0400 30-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (**G**)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

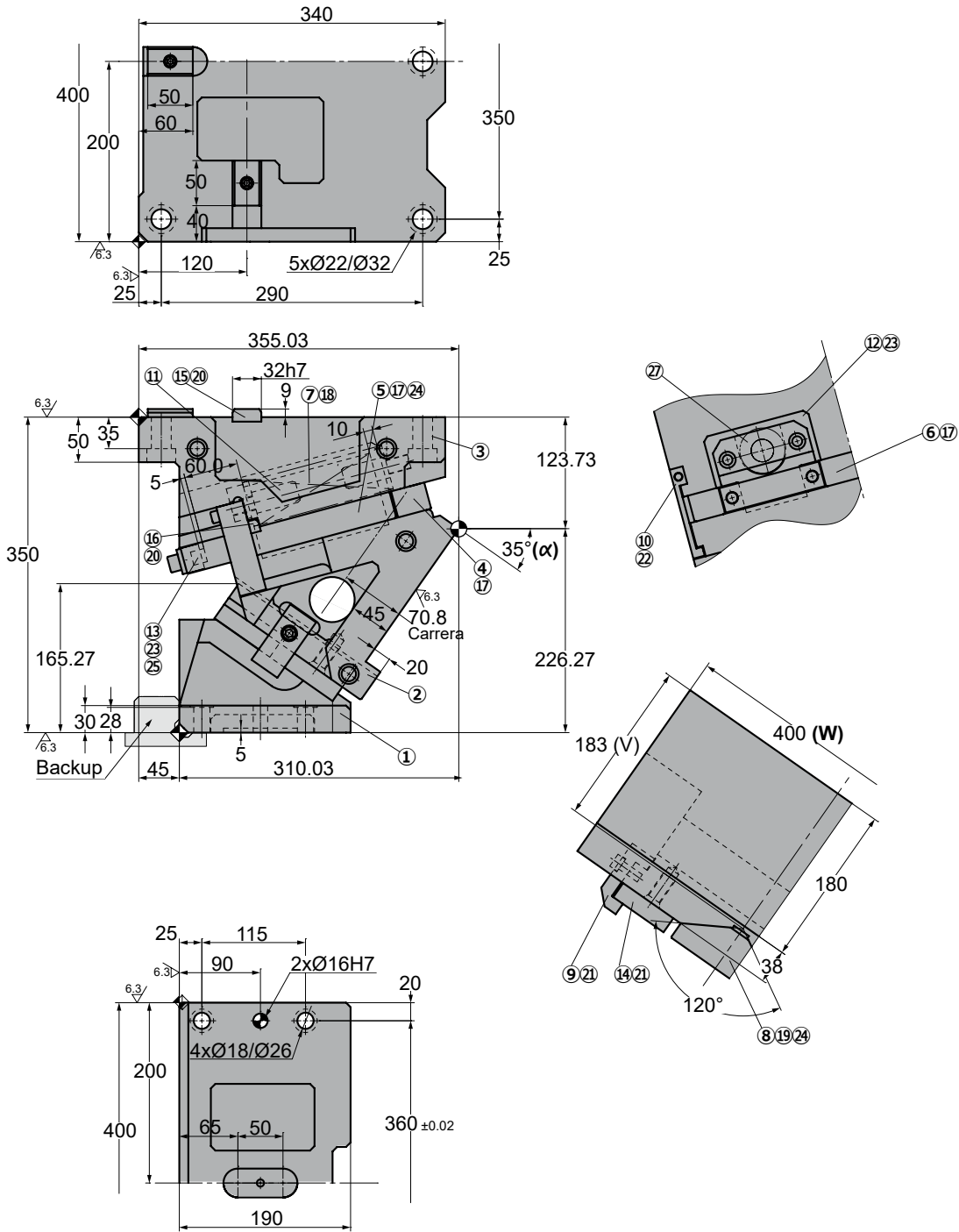
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

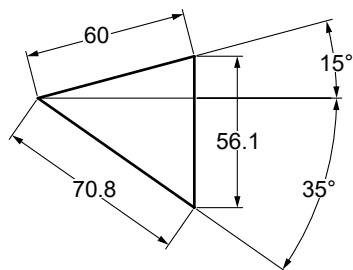
Aerial cam for pierce and flange



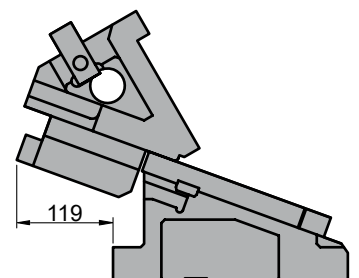
AWBC 0400 35



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
70.8	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	192.4	AWBC	0400	35
			---	13459.4 (1372.5)				



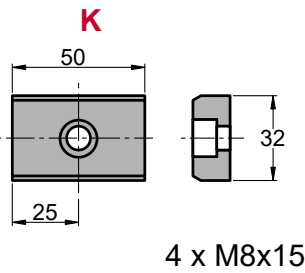
Order: **Model (W) (α)**
AWBC 0400 35

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

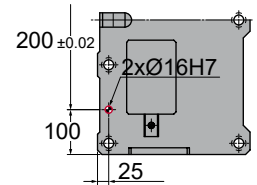
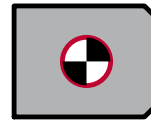
K - KF

KEY

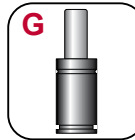


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 35-K**
- AWBC 0400 35-G-P16**
- AWBC 0400 35-G-P16-K**
- AWBC 0400 35-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

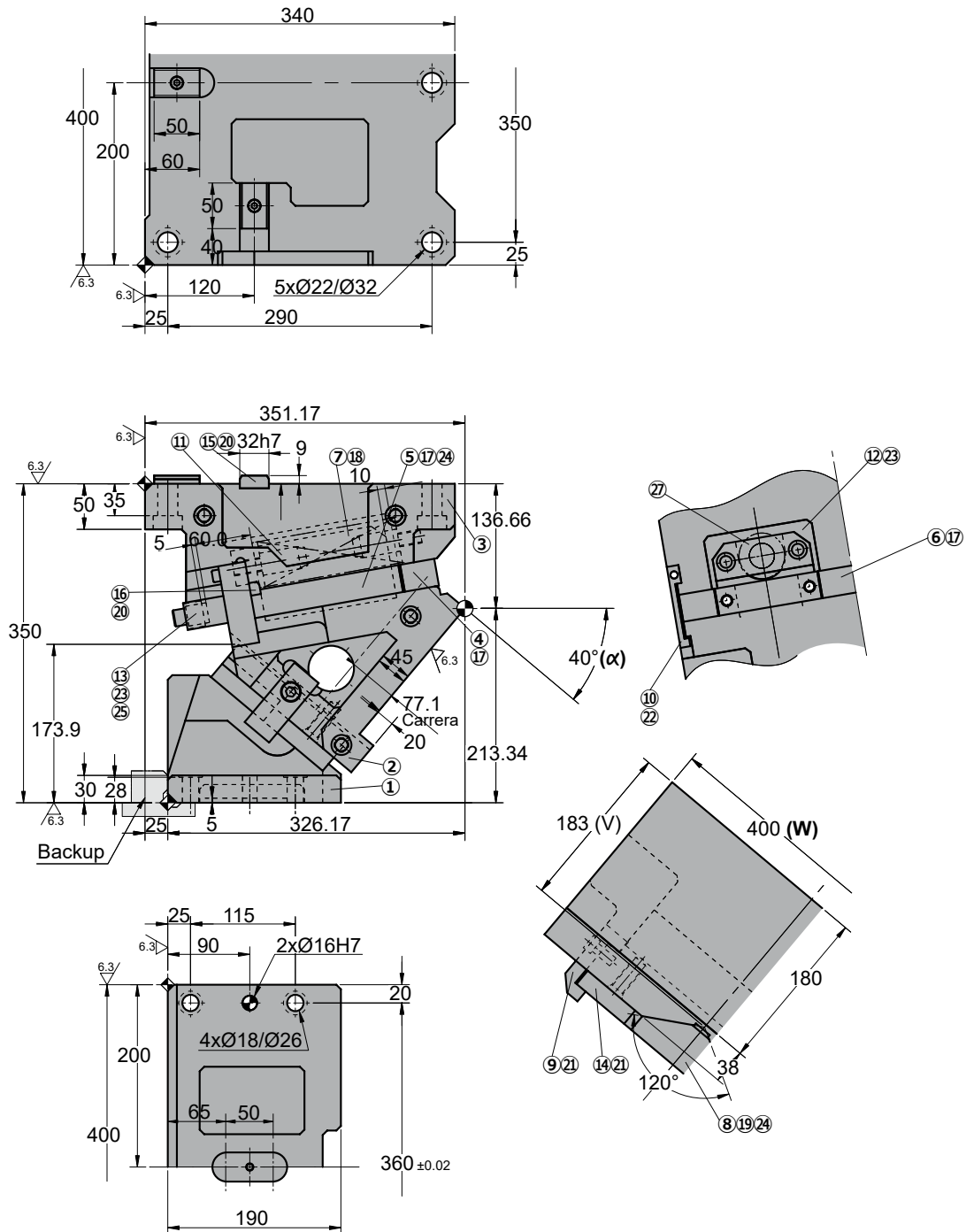
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

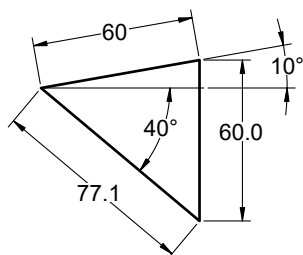
Aerial cam for pierce and flange



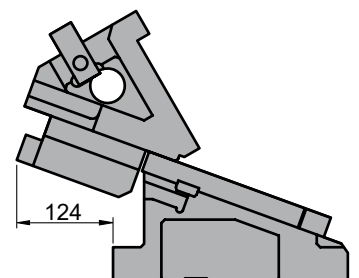
AWBC 0400 40



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
77.1	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	191.9	AWBC	0400	40
			---	13459.4 (1372.5)				



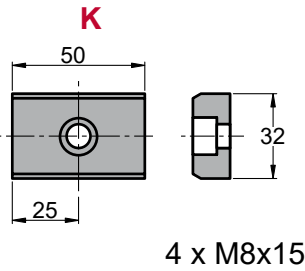
Order: Model (W) (α)
AWBC 0400 40

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

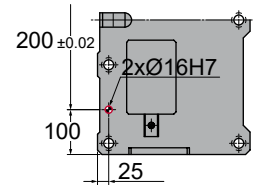
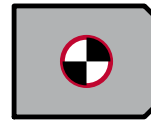
K - KF

KEY

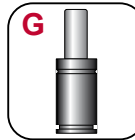


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 40-K**
- AWBC 0400 40-G-P16**
- AWBC 0400 40-G-P16-K**
- AWBC 0400 40-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

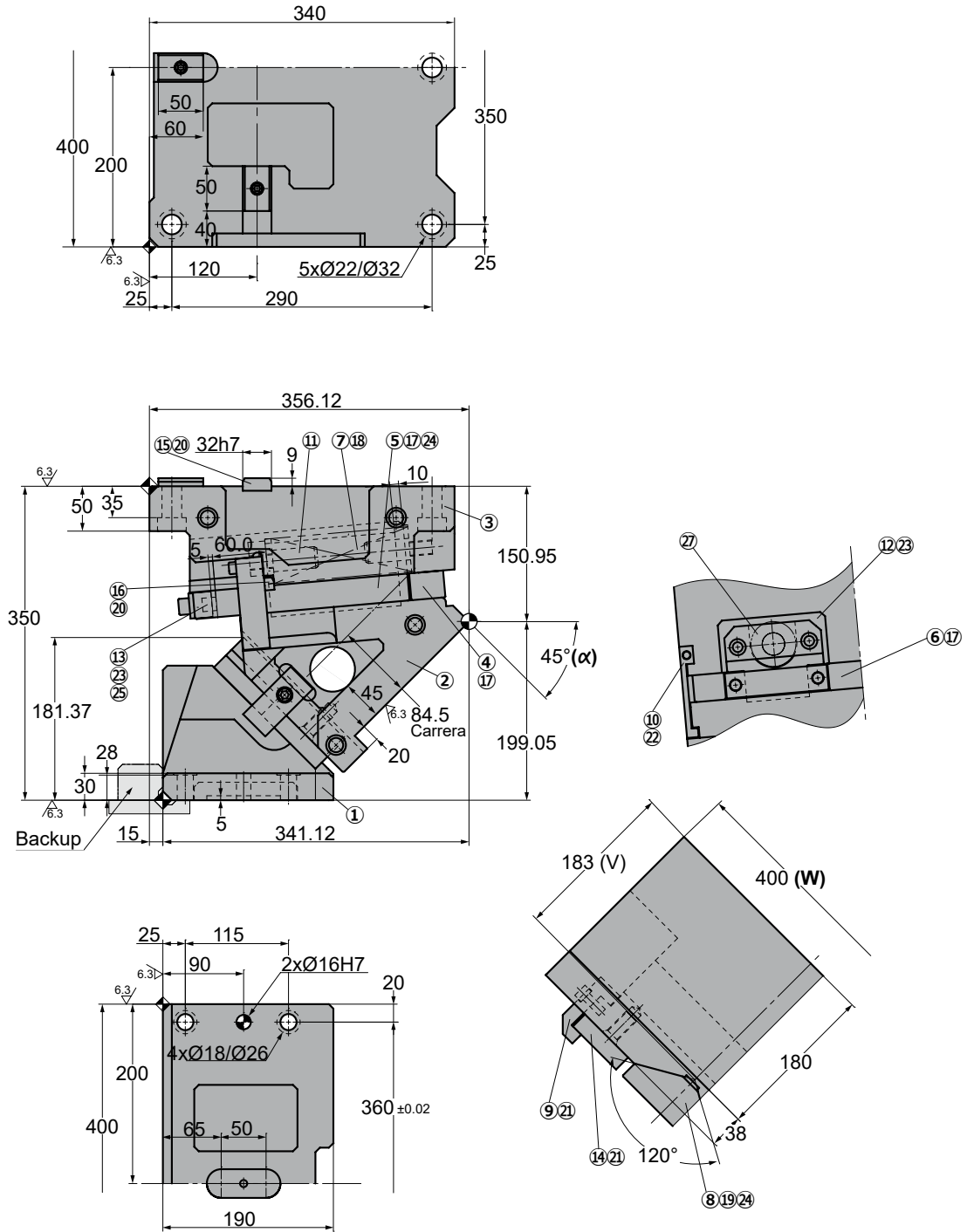
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

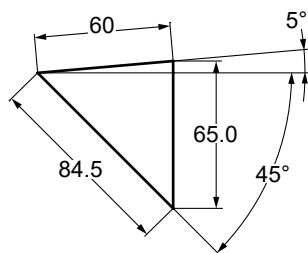
Aerial cam for pierce and flange



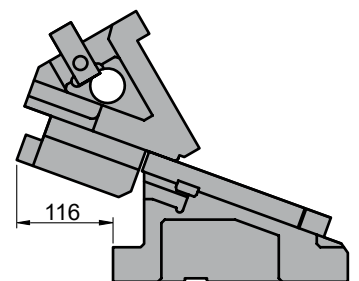
AWBC 0400 45



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
84.5	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	195.9	AWBC	0400	45
			---	13459.4 (1372.5)				



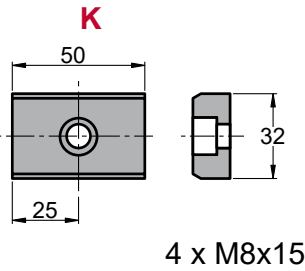
Order: Model (W) (α)
AWBC 0400 45

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

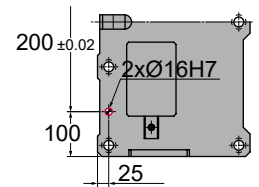
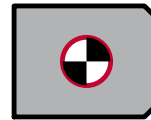
K - KF

KEY

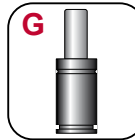


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 45-K**
- AWBC 0400 45-G-P16**
- AWBC 0400 45-G-P16-K**
- AWBC 0400 45-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (**G**)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

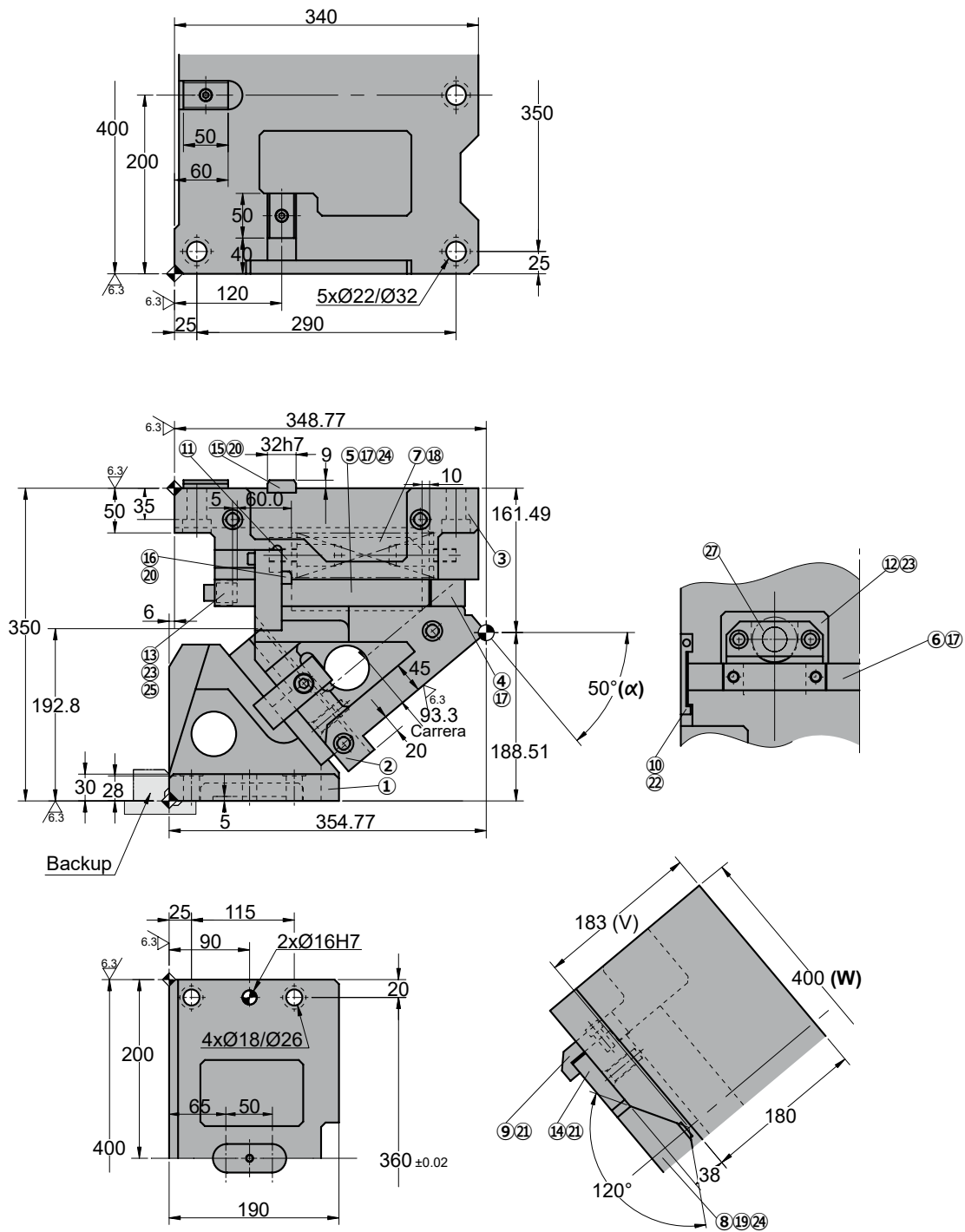
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

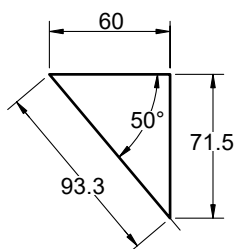
Aerial cam for pierce and flange



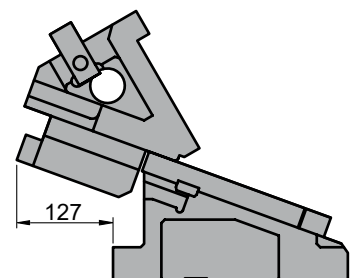
AWBC 0400 50



Cam diagram:



Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
93.3	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	191.8	AWBC	0400	50
			---	13459.4 (1372.5)				



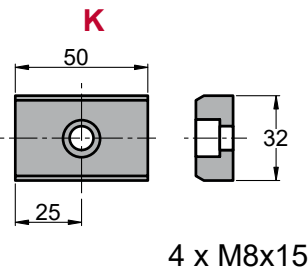
Order: Model (W) (α)
AWBC 0400 50

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

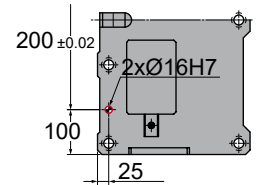
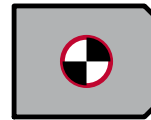
K - KF

KEY

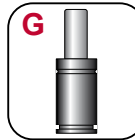


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 50-K**
- AWBC 0400 50-G-P16**
- AWBC 0400 50-G-P16-K**
- AWBC 0400 50-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (**G**)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

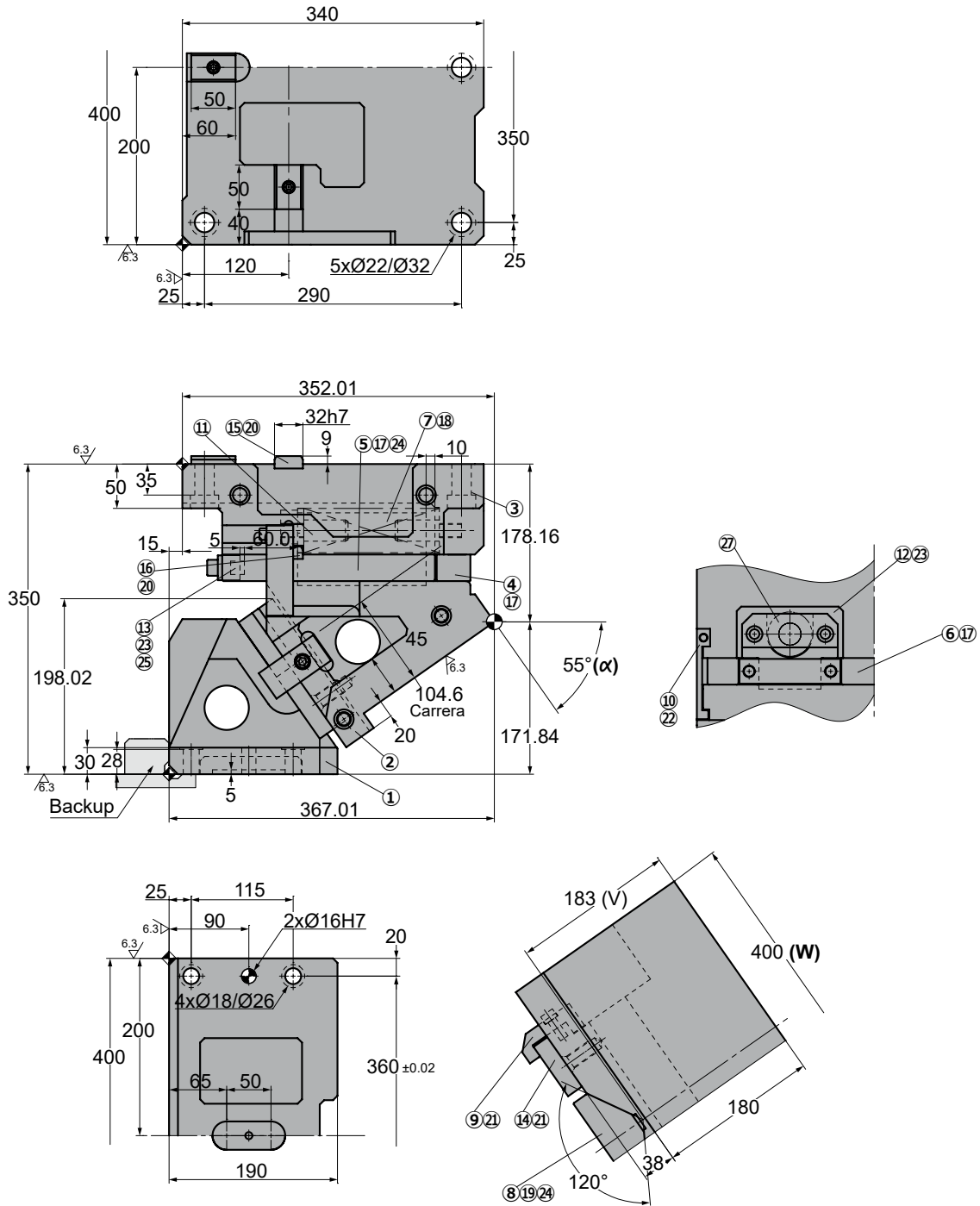
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

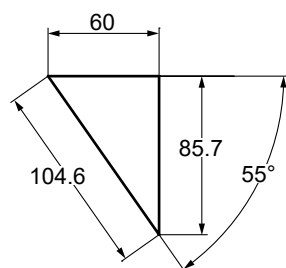
Aerial cam for pierce and flange



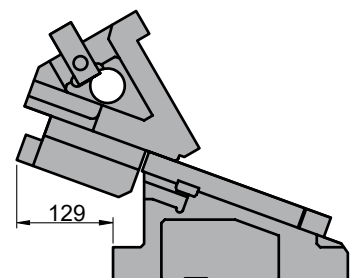
AWBC 0400 55



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
104.6	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	198.5	AWBC	0400	55
			---	13459.4 (1372.5)				



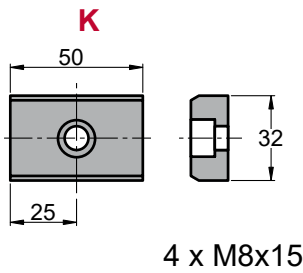
Order: Model (W) (α)
AWBC 0400 55

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

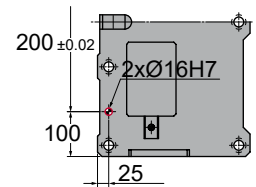
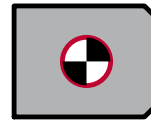
K - KF

KEY

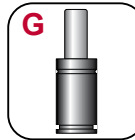


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 55-K**
- AWBC 0400 55-G-P16**
- AWBC 0400 55-G-P16-K**
- AWBC 0400 55-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

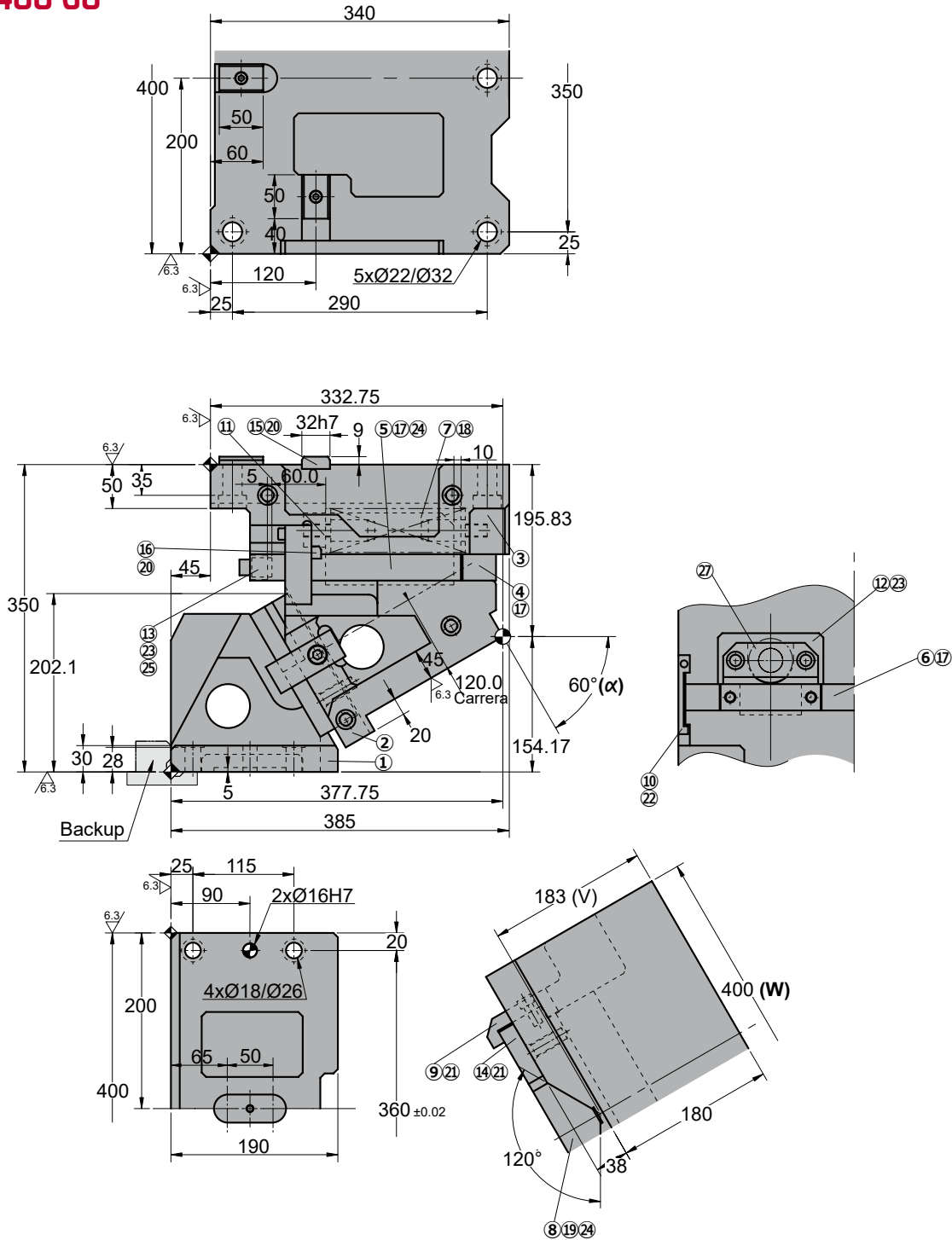
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

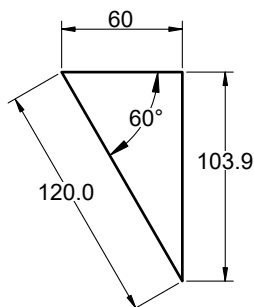
Aerial cam for pierce and flange



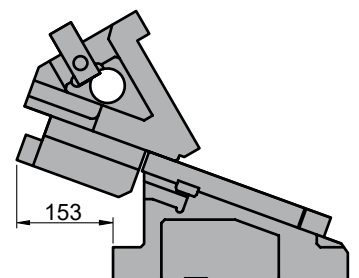
AWBC 0400 60



◦Cam diagram:



◦Disassembling space:





AWBC 0400

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
120.0	245.0 (25.0)	490.0 (50.0)	1634.4 (166.6)	9806.4 (999.4)	201.1	AWBC	0400	60
			---	13459.4 (1372.5)				



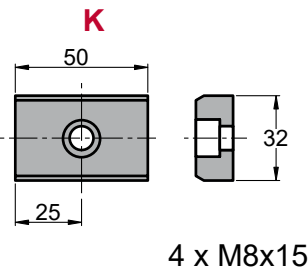
Order: Model (W) (α)
AWBC 0400 60

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

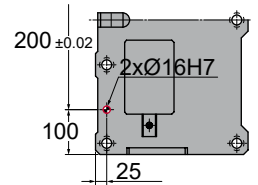
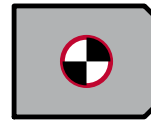
K - KF

KEY

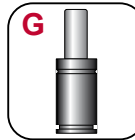


P PINS

P16 - Ø16 H7.



G GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0400 60-K**
- AWBC 0400 60-G-P16**
- AWBC 0400 60-G-P16-K**
- AWBC 0400 60-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	4	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	2	CK45
⑭	Plate	1	Bronze

No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	4	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	2	Urethane
㉖	Washer	2	CK45
㉗	Coil Spring	2	TM50-225
㉘	Gas Spring	2	FD 750 063 (87 Bar)

AWBC 0400

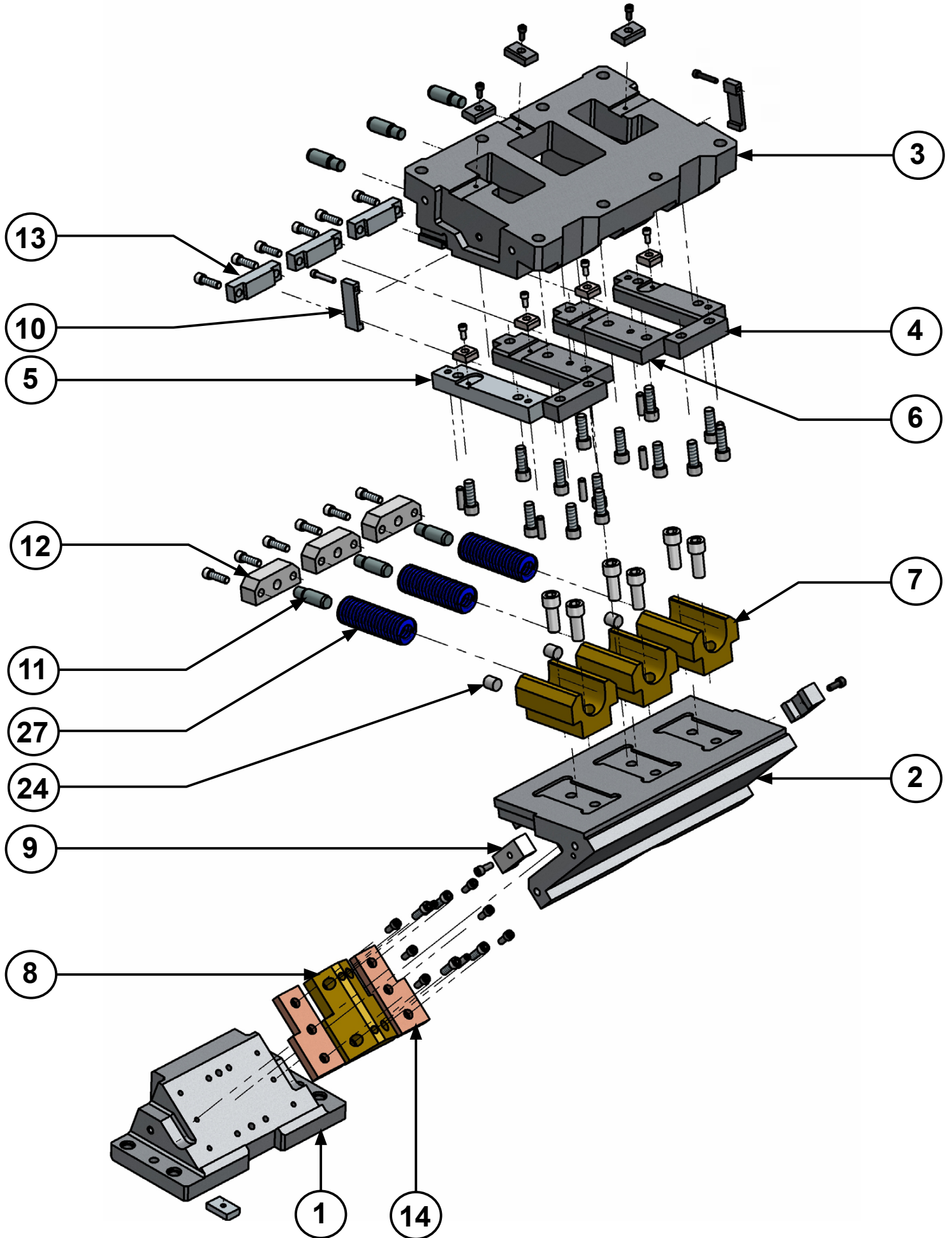


Aerial cam for pierce and flange



AWBC 0500

Aerial cam for pierce and flange

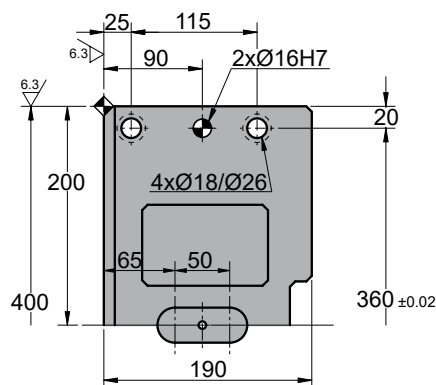
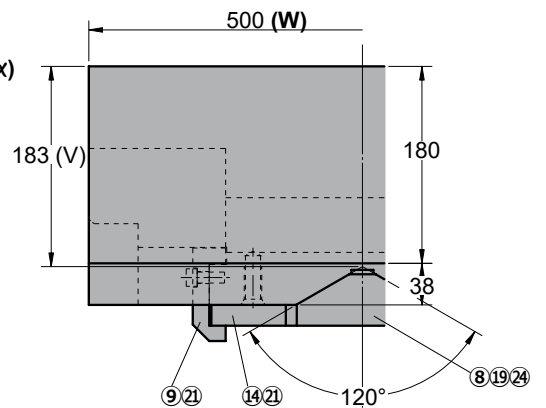
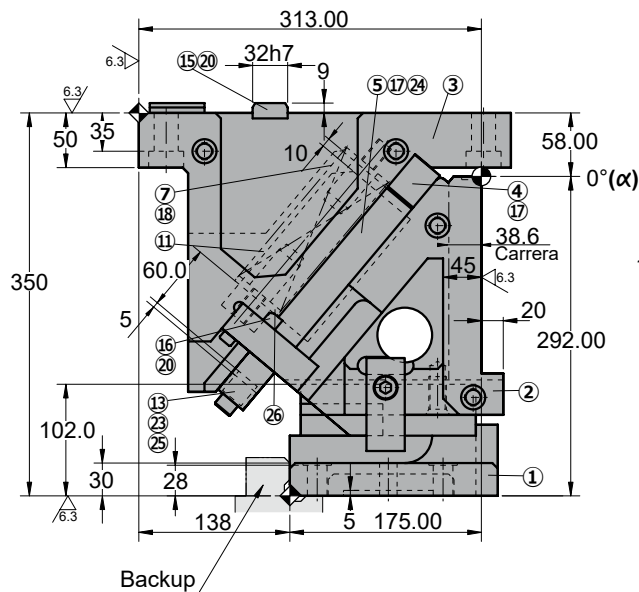
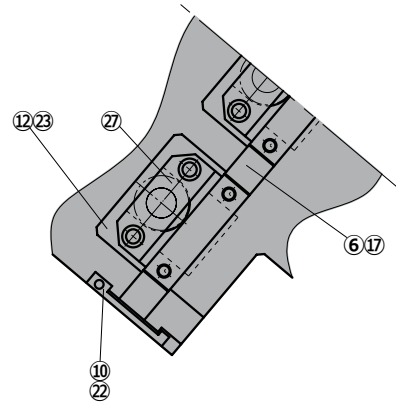
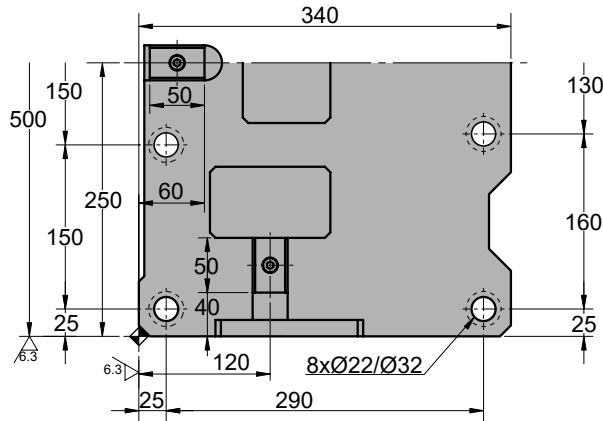


AWBC 0500

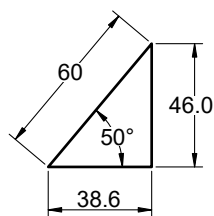
Aerial cam for pierce and flange



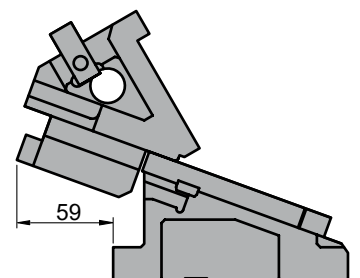
AWBC 0500 00



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
38.6	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	222.3	AWBC	0500	00
			---	20189.1 (2058.7)				



Order: Model (W) (α)
AWBC 0500 00

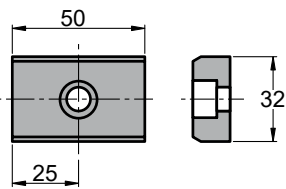
Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

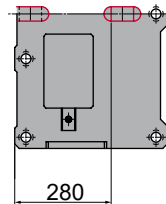
K - KF

KEY

KF

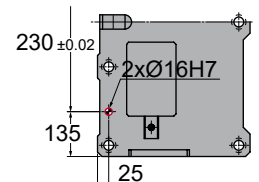
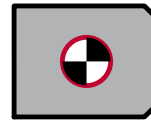


4 x M8x15



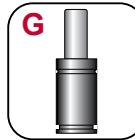
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



AWBC 0500 00-K

AWBC 0500 00-G-P16

AWBC 0500 00-G-P16-K

AWBC 0500 00-G-P16-KF



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

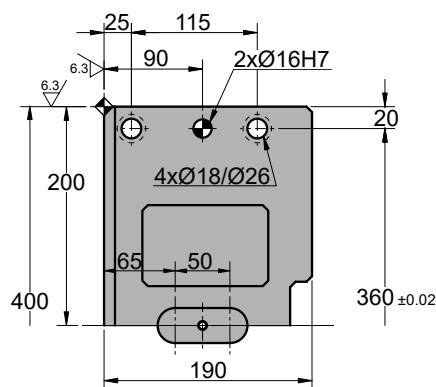
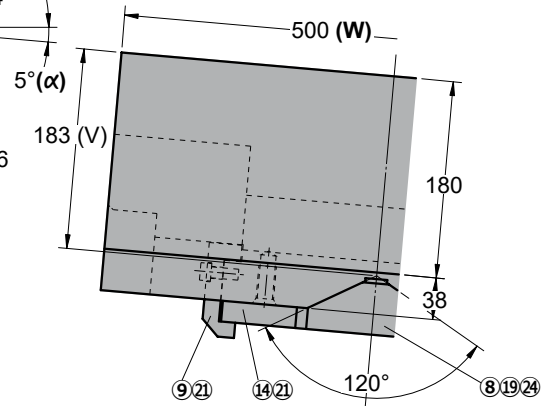
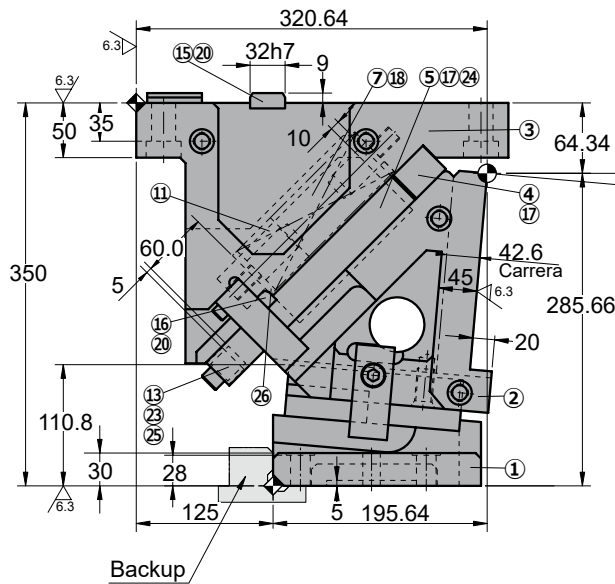
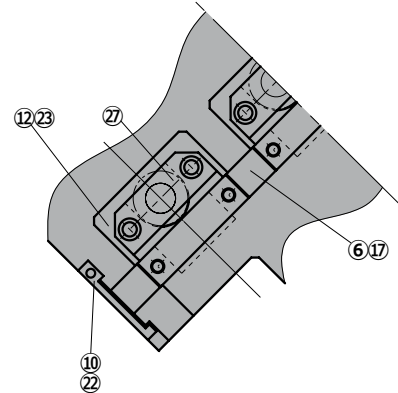
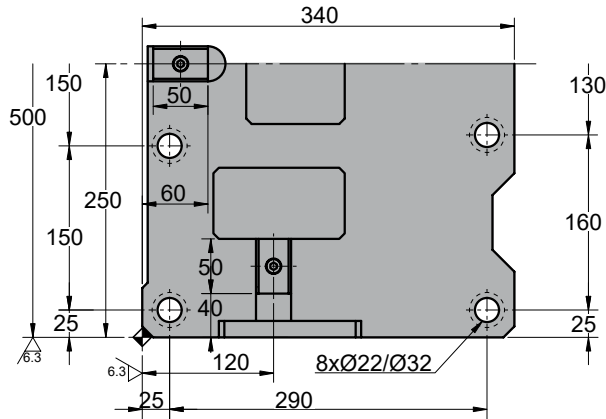
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

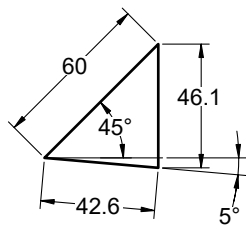
Aerial cam for pierce and flange



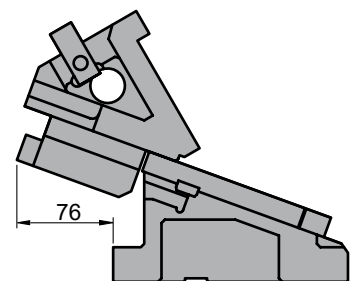
AWBC 0500 05



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
42.6	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	220.4	AWBC	0500	05
			---	20189.1 (2058.7)				



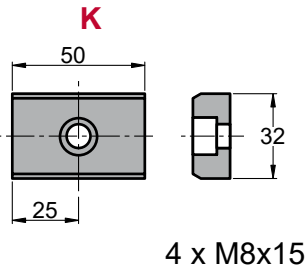
Order: Model (W) (α)
AWBC 0500 05

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

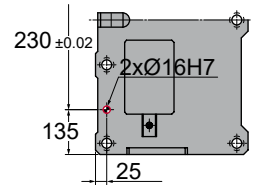
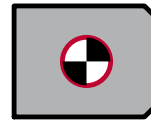
K - KF

KEY



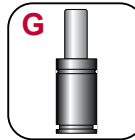
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0500 05-K**
- AWBC 0500 05-G-P16**
- AWBC 0500 05-G-P16-K**
- AWBC 0500 05-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (**G**)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

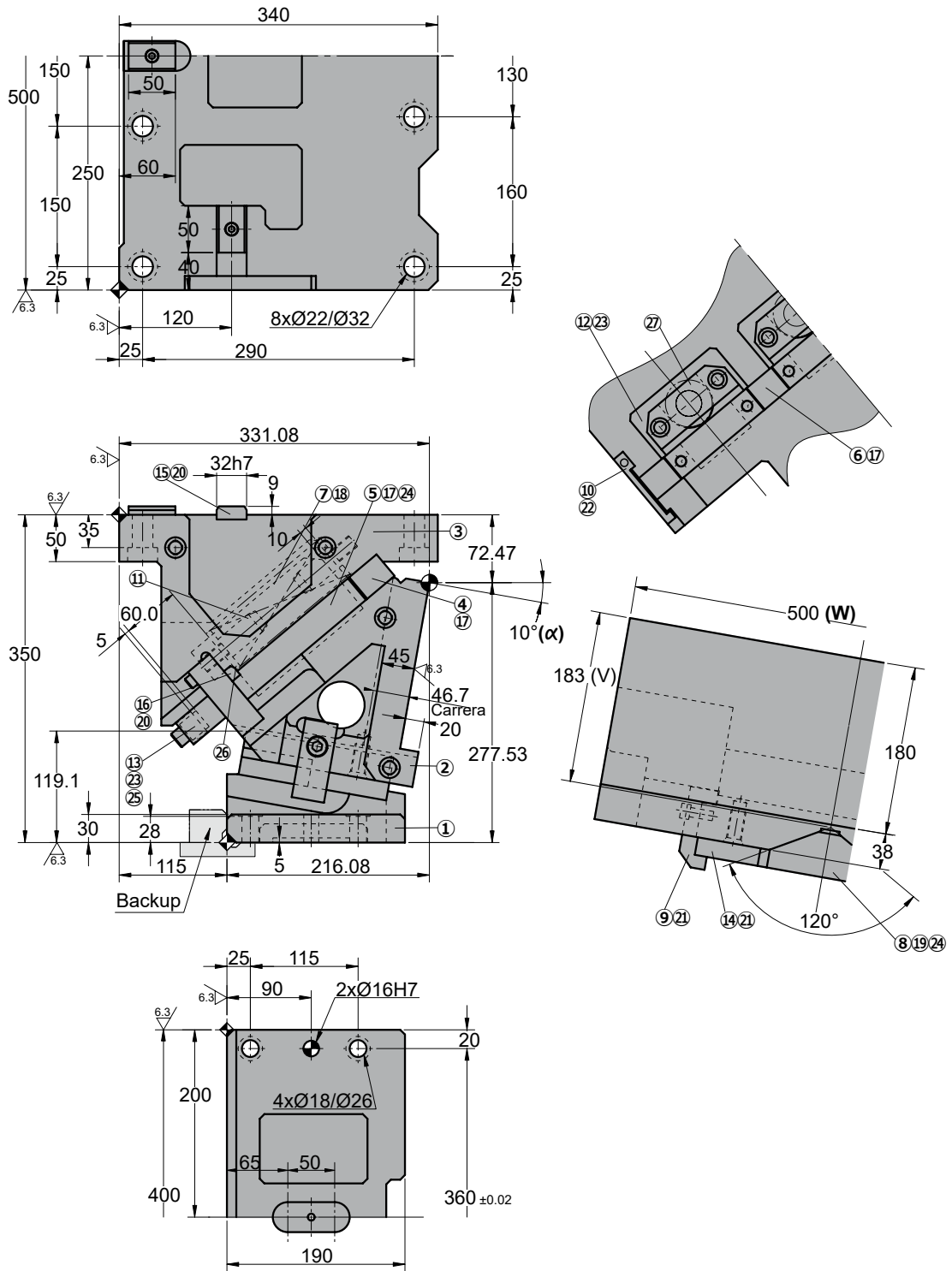
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

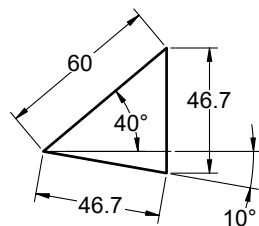
Aerial cam for pierce and flange



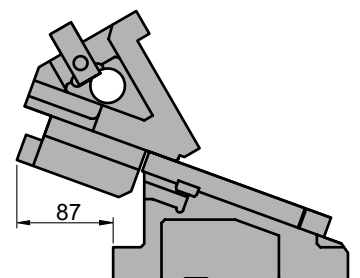
AWBC 0500 10



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
46.7	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	218.8	AWBC	0500	10
			---	20189.1 (2058.7)				



Order: Model (W) (α)
AWBC 0500 10

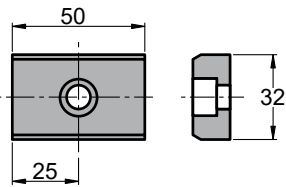
Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

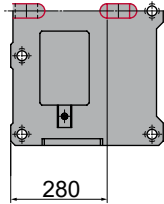
K - KF

KEY

KF

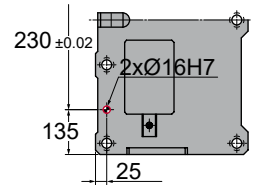
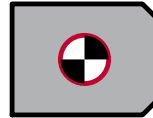


4 x M8x15



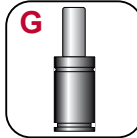
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



AWBC 0500 10-K

AWBC 0500 10-G-P16

AWBC 0500 10-G-P16-K

AWBC 0500 10-G-P16-KF



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

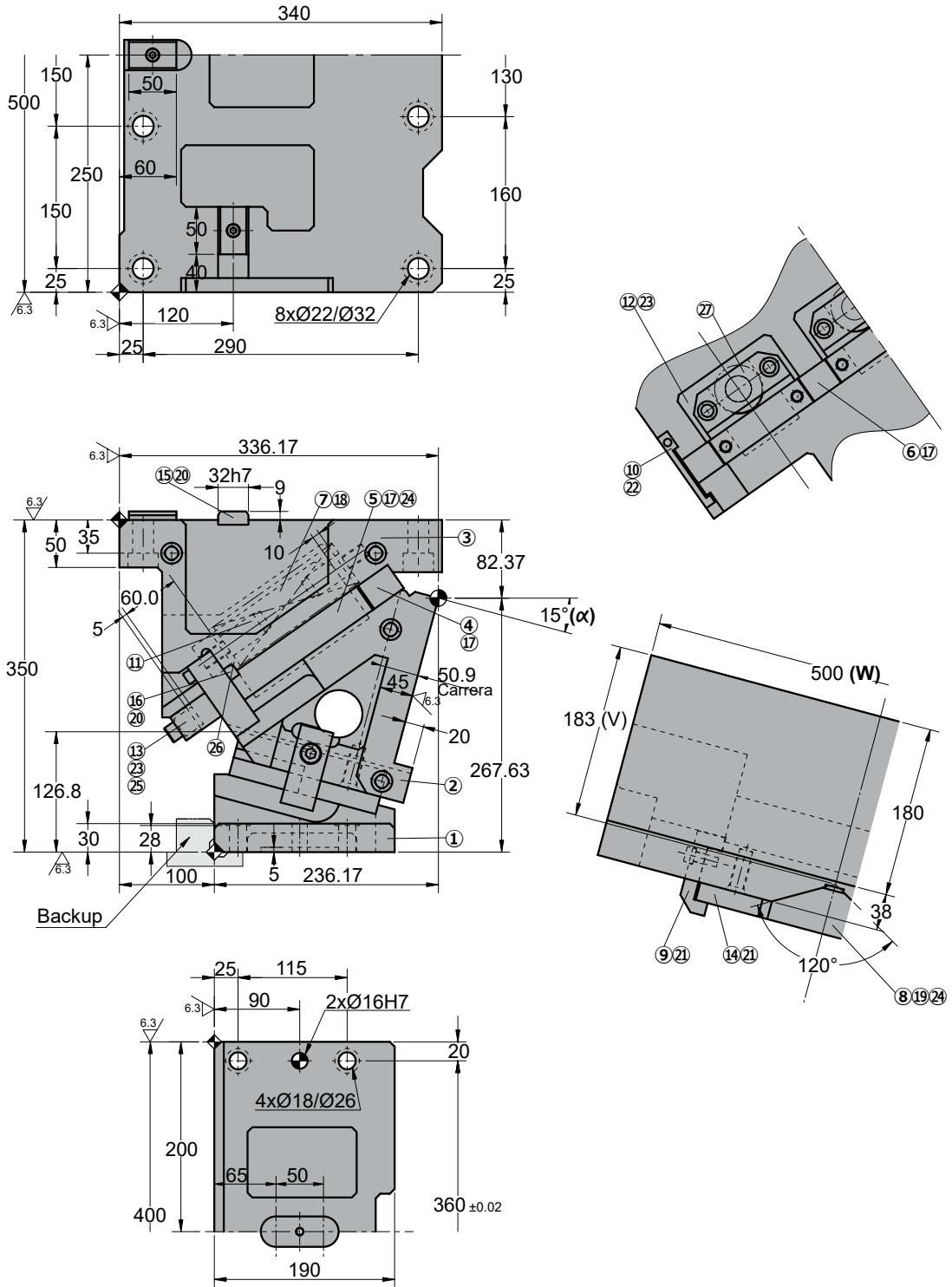
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

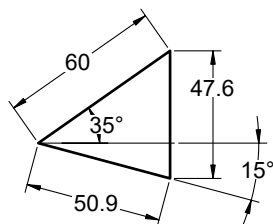
Aerial cam for pierce and flange



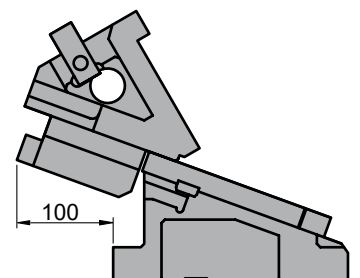
AWBC 0500 15



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
50.9	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	216.3	AWBC	0500	15
			---	20189.1 (2058.7)				



Order: Model (W) (α)
AWBC 0500 15

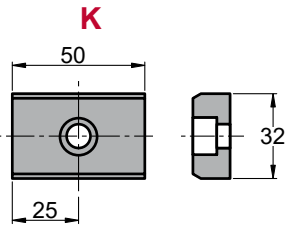
Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

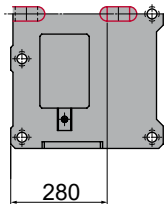
K - KF

KEY

KF

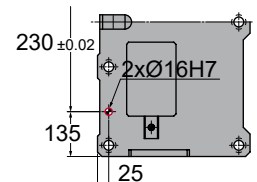
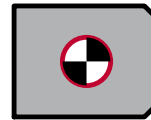


4 x M8x15



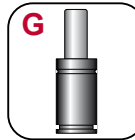
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



AWBC 0500 15-K

AWBC 0500 15-G-P16

AWBC 0500 15-G-P16-K

AWBC 0500 15-G-P16-KF



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

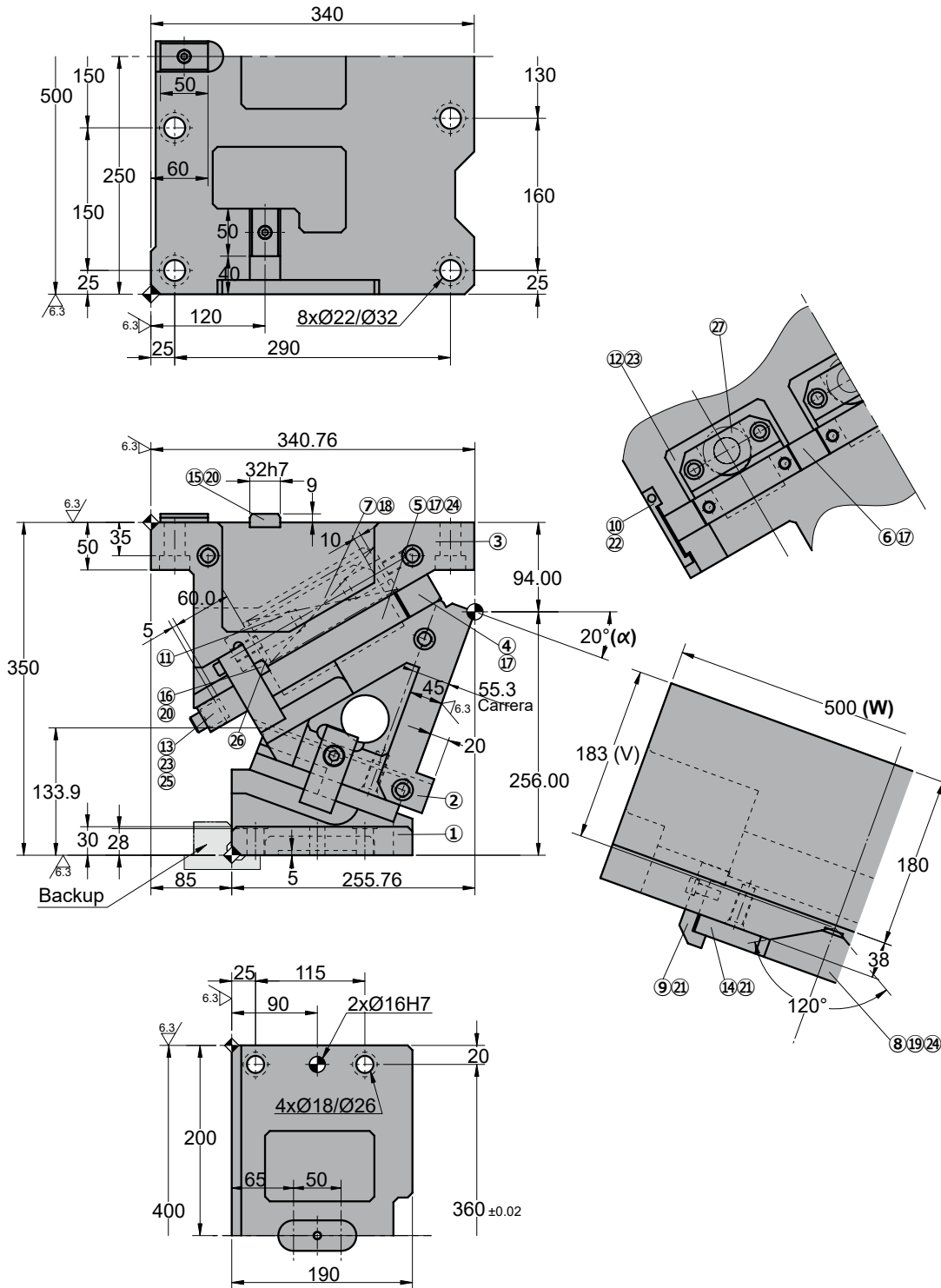
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

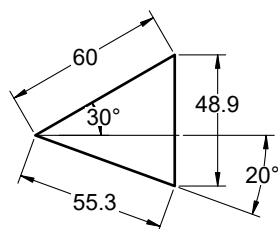
Aerial cam for pierce and flange



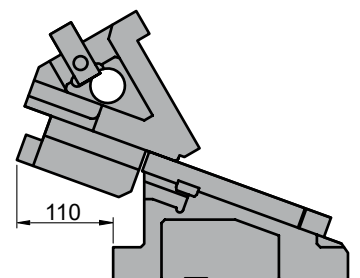
AWBC 0500 20



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
55.3	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	215.1	AWBC	0500	20
			---	20189.1 (2058.7)				



Order: Model (W) (α)
AWBC 0500 20

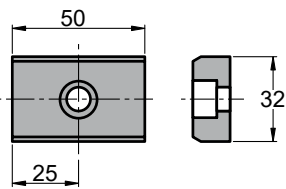
Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

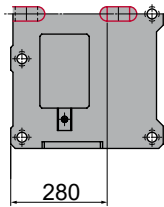
K - KF

KEY

KF

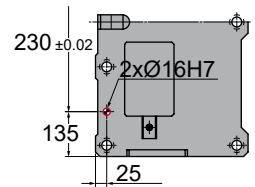
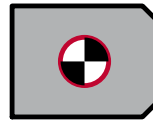


4 x M8x15



P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



AWBC 0500 20-K

AWBC 0500 20-G-P16

AWBC 0500 20-G-P16-K

AWBC 0500 20-G-P16-KF



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

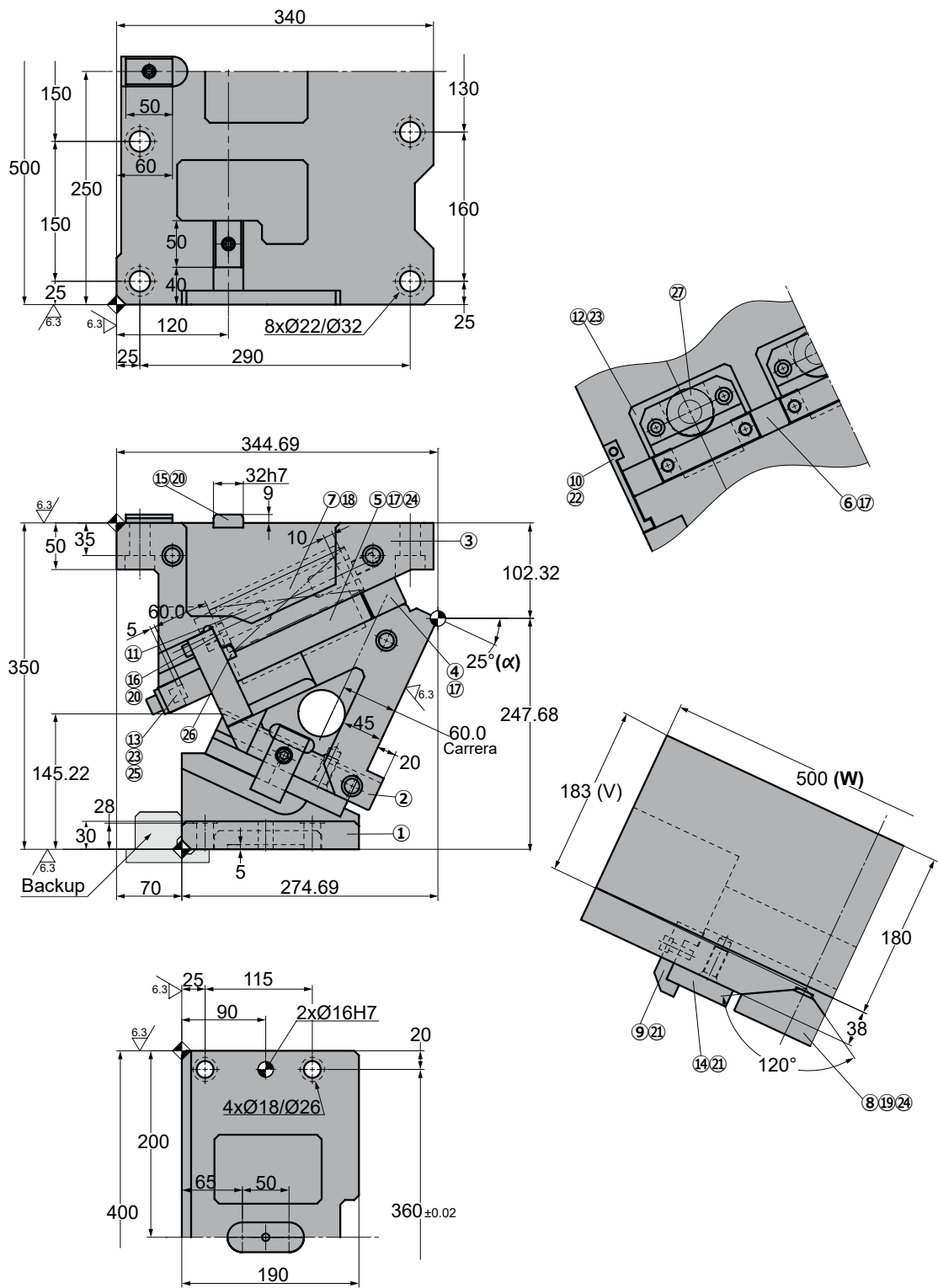
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

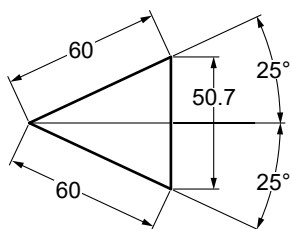
Aerial cam for pierce and flange



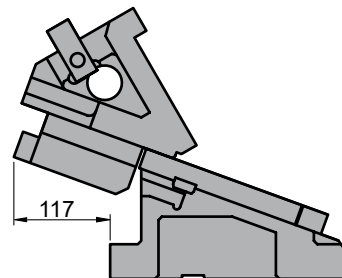
AWBC 0500 25



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
60.0	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	217.1	AWBC	500	25
			---	20189.1 (2058.7)				



Order: Model (W) (α)
AWBC 0500 25

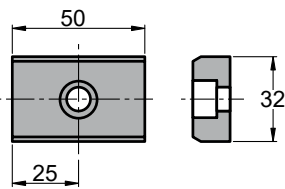
Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

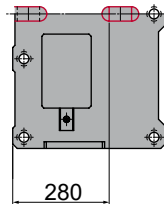
K - KF

KEY

KF

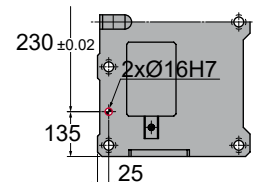
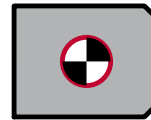


4 x M8x15



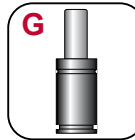
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



AWBC 0500 25-K

AWBC 0500 25-G-P16

AWBC 0500 25-G-P16-K

AWBC 0500 25-G-P16-KF



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

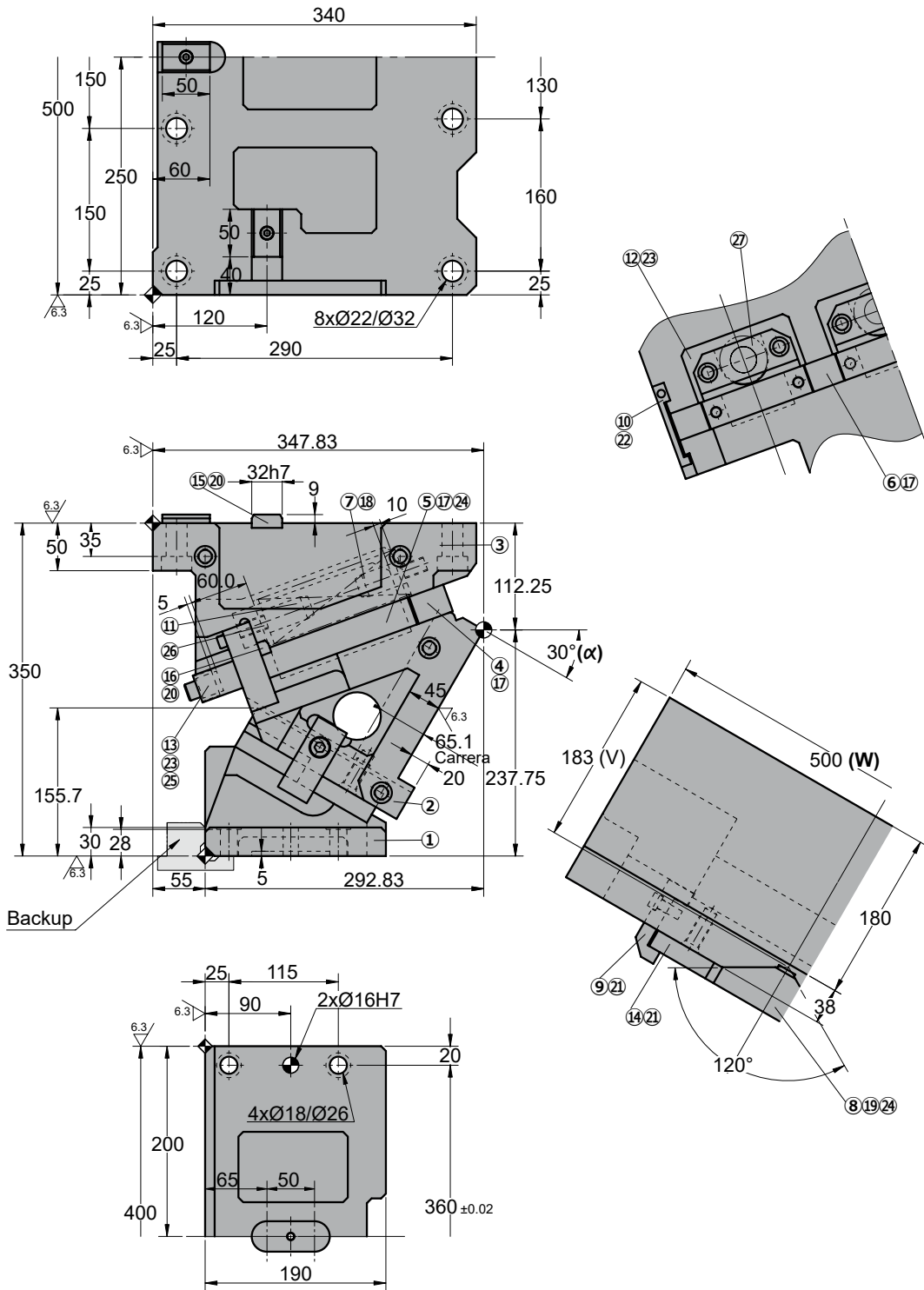
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

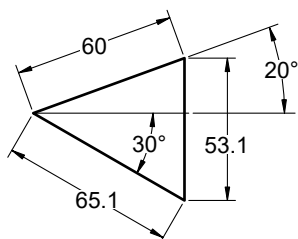
Aerial cam for pierce and flange



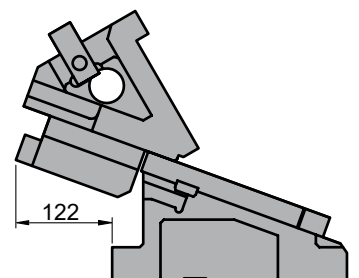
AWBC 0500 30



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
65.1	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	216.1	AWBC	0500	30
			---	20189.1 (2058.7)				



Order: Model (W) (α)
AWBC 0500 30

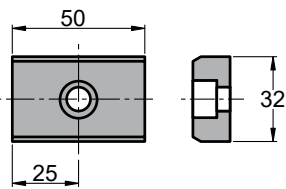
Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

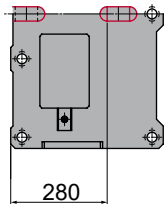
K - KF

KEY

KF

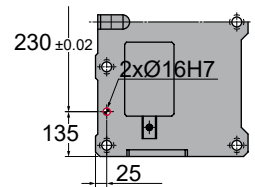
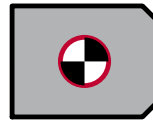


4 x M8x15



P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



AWBC 0500 30-K

AWBC 0500 30-G-P16

AWBC 0500 30-G-P16-K

AWBC 0500 30-G-P16-KF



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

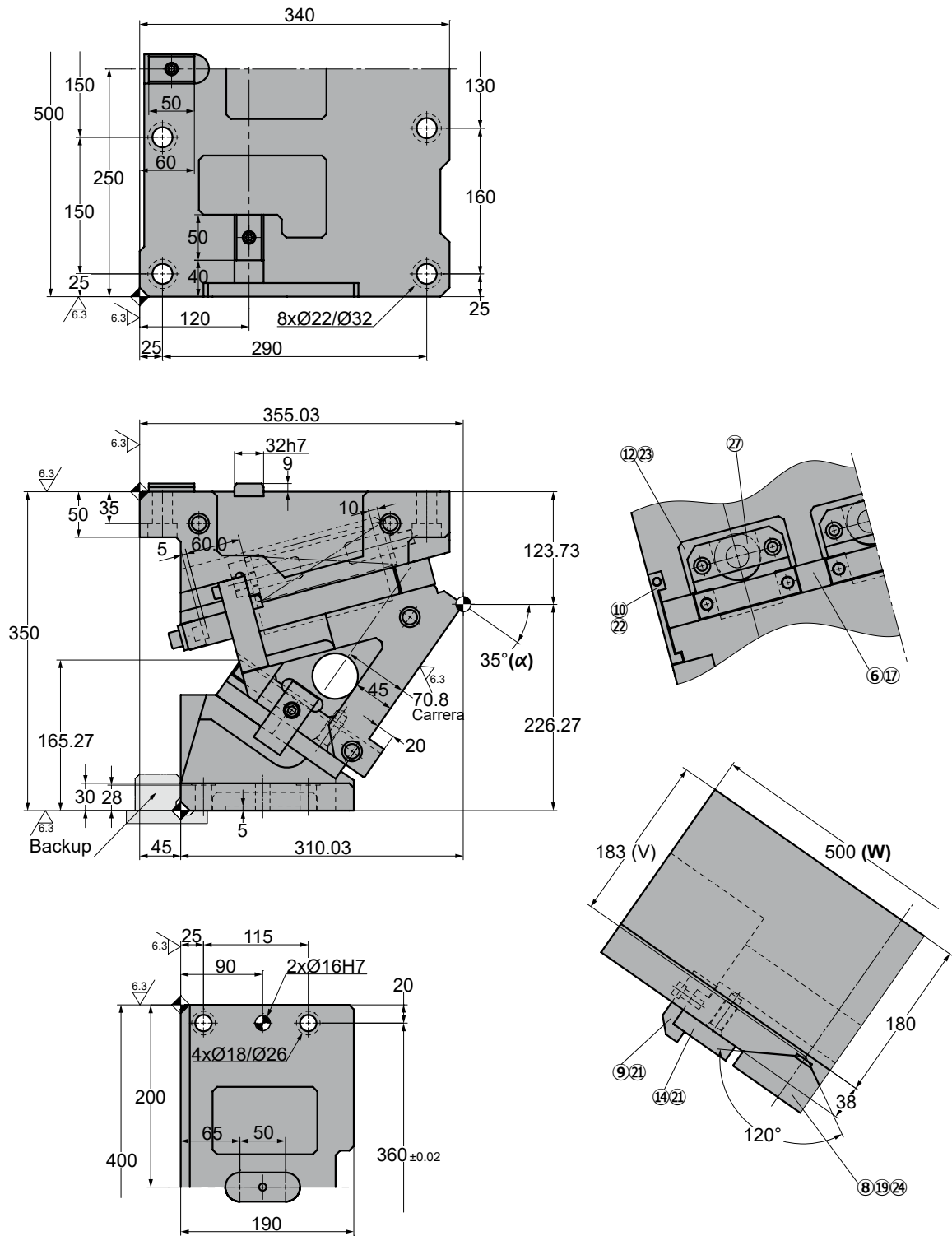
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

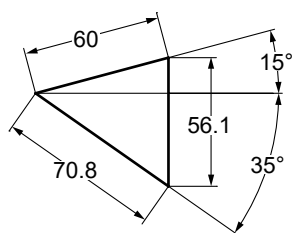
Aerial cam for pierce and flange



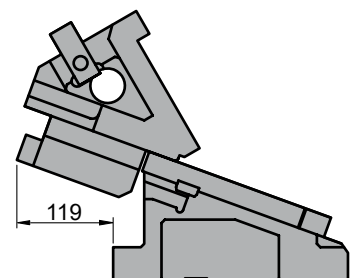
AWBC 0500 35



Cam diagram:



Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
70.8	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	222.1	AWBC	500	35
			---	20189.1 (2058.7)				



Order: Model (W) (α)
AWBC 0500 35

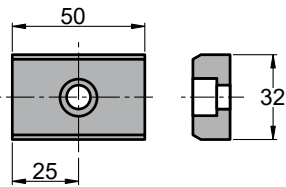
Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

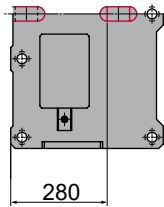
K - KF

KEY

KF

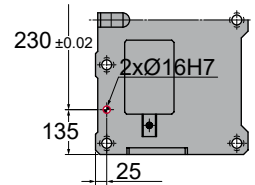
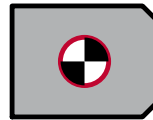


4 x M8x15



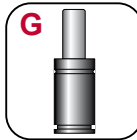
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



AWBC 0500 35-K

AWBC 0500 35-G-P16

AWBC 0500 35-G-P16-K

AWBC 0500 35-G-P16-KF



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

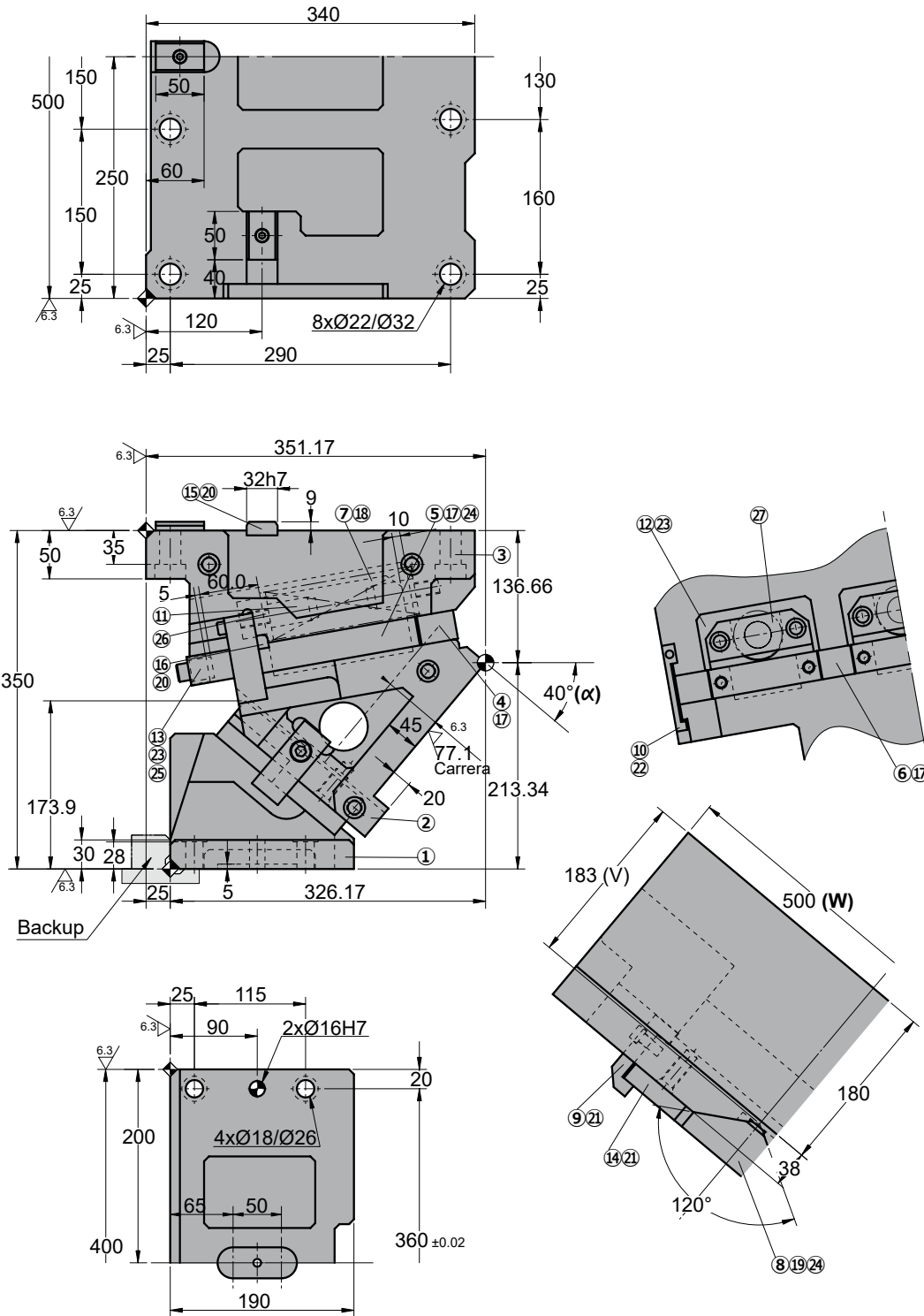
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

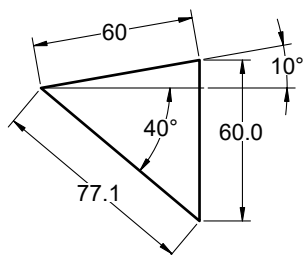
Aerial cam for pierce and flange



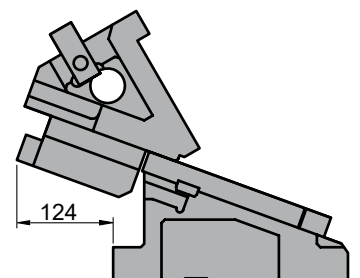
AWBC 0500 40



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
77.1	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	220.4	AWBC	0500	40
			---	20189.1 (2058.7)				



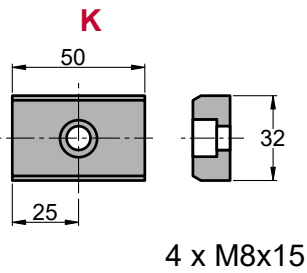
Order: Model (W) (α)
AWBC 0500 40

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

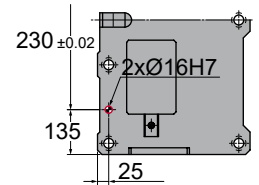
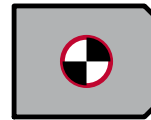
K - KF

KEY



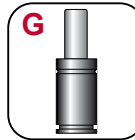
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0500 40-K**
- AWBC 0500 40-G-P16**
- AWBC 0500 40-G-P16-K**
- AWBC 0500 40-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

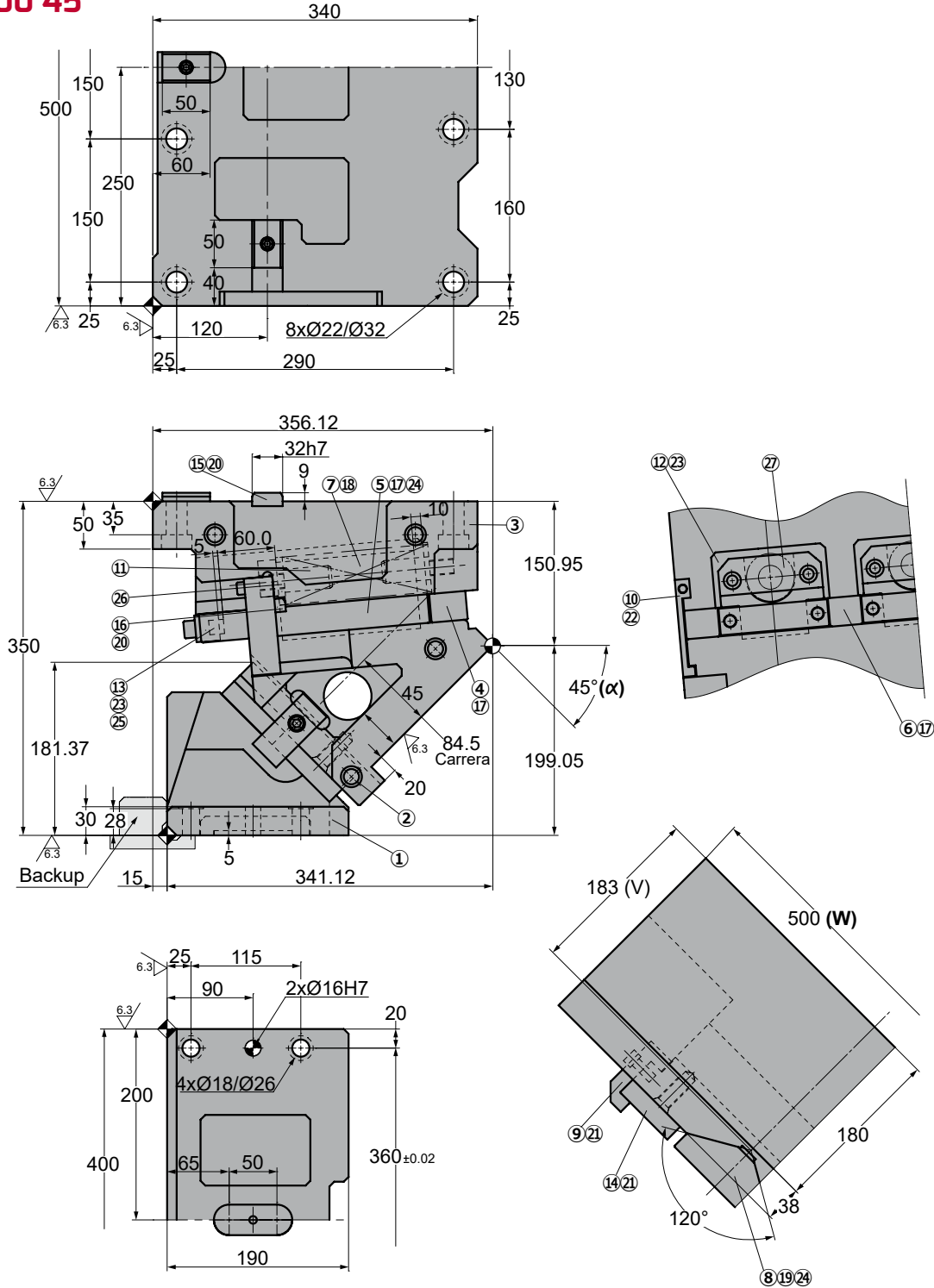
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

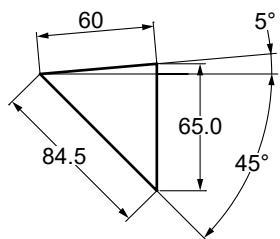
Aerial cam for pierce and flange



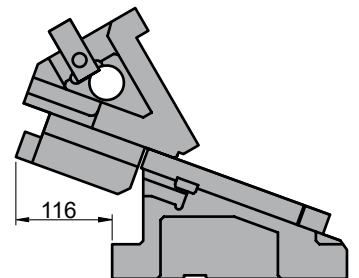
AWBC 0500 45



Cam diagram:



Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
84.5	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	223.0	AWBC	500	45
			---	20189.1 (2058.7)				



Order: Model (W) (α)
AWBC 0500 45

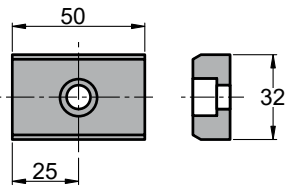
Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

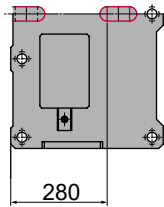
K - KF

KEY

KF

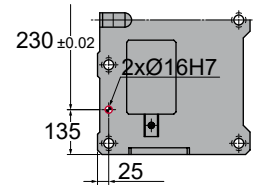
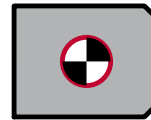


4 x M8x15



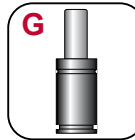
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



AWBC 0500 45-K

AWBC 0500 45-G-P16

AWBC 0500 45-G-P16-K

AWBC 0500 45-G-P16-KF



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

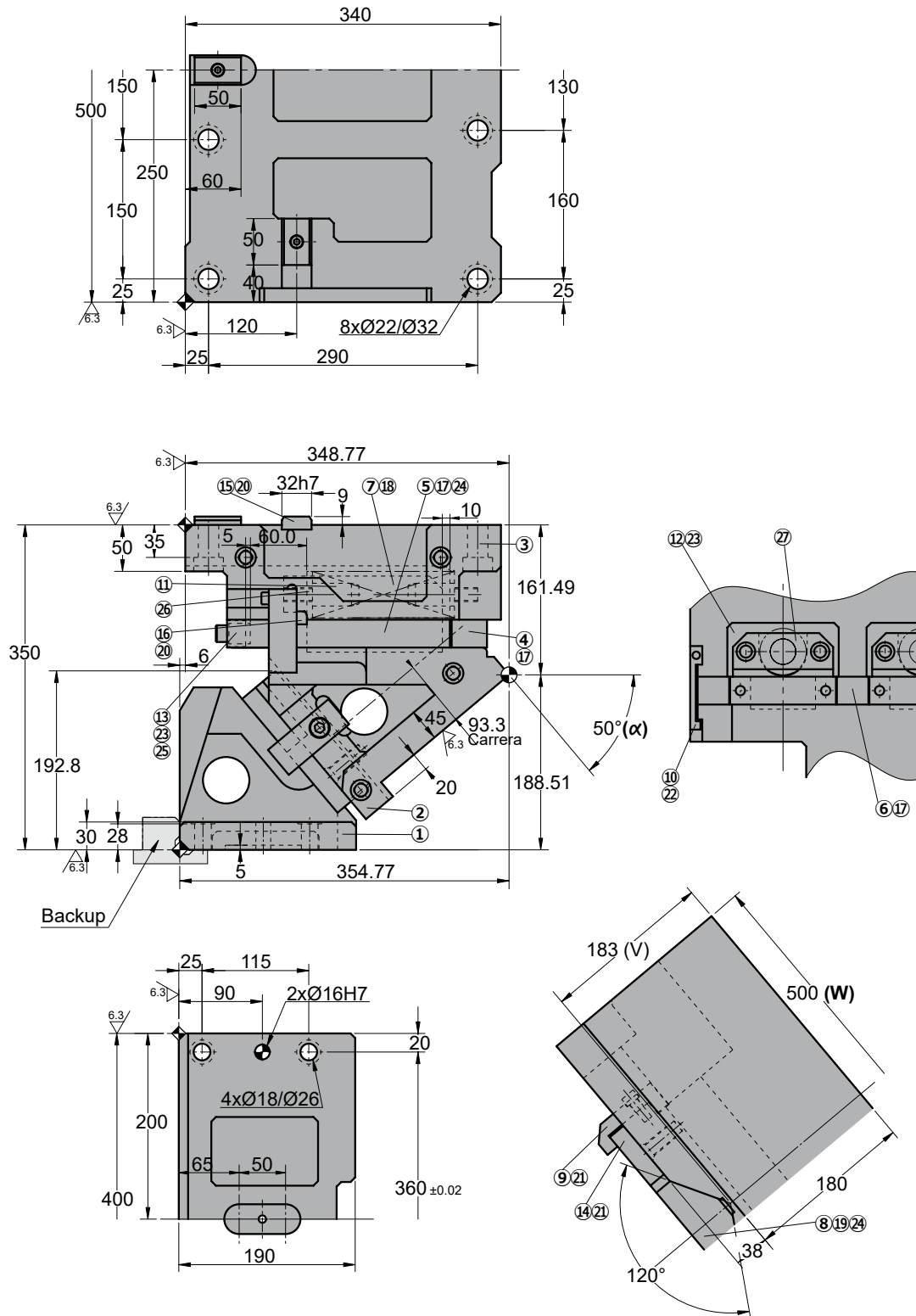
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

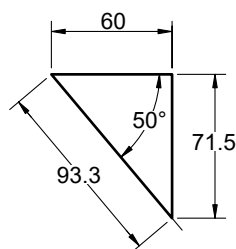
Aerial cam for pierce and flange



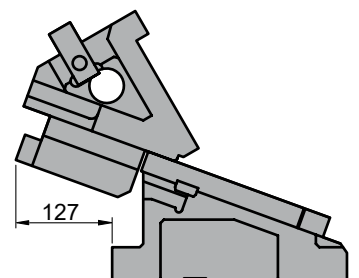
AWBC 0500 50



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
93.3	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	220.1	AWBC	0500	50
			---	20189.1 (2058.7)				



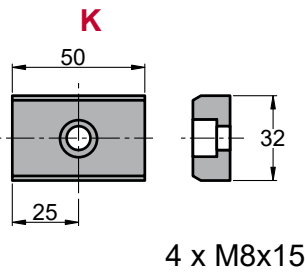
Order: Model (W) (α)
AWBC 0500 50

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

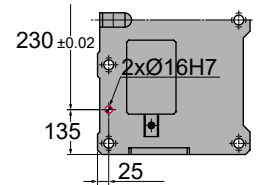
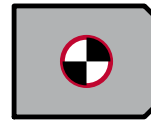
K - KF

KEY



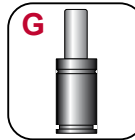
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



AWBC 0500 50-K
AWBC 0500 50-G-P16
AWBC 0500 50-G-P16-K
AWBC 0500 50-G-P16-KF



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

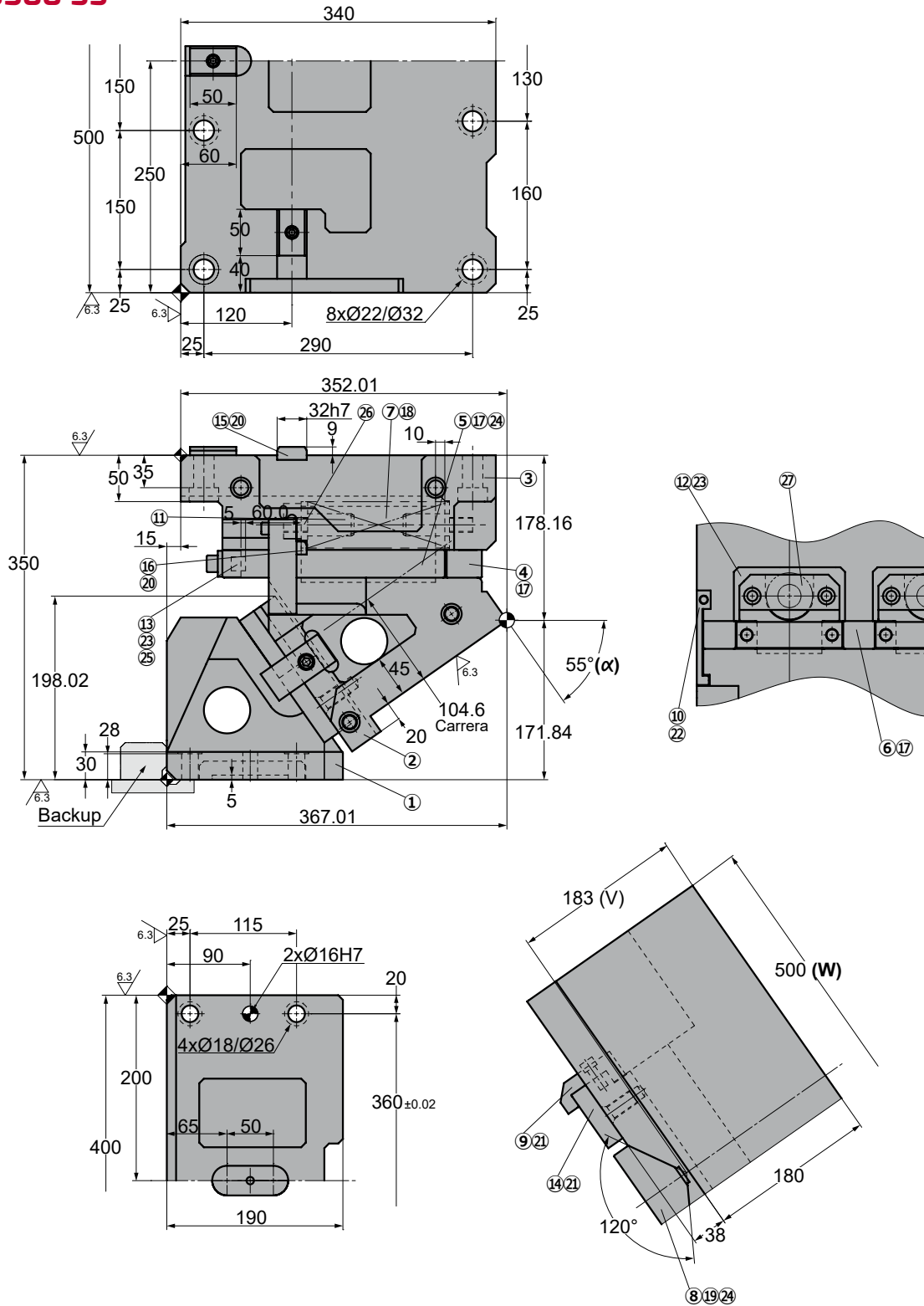
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

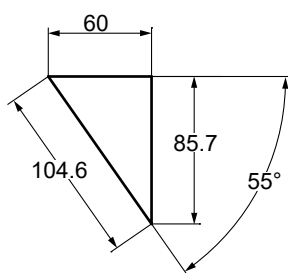
Aerial cam for pierce and flange



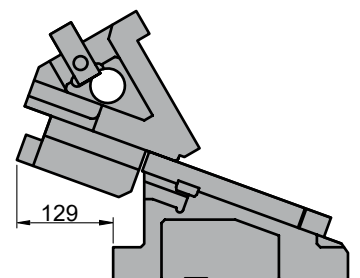
AWBC 0500 55



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
104.6	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	227.2	AWBC	500	55
			---	20189.1 (2058.7)				



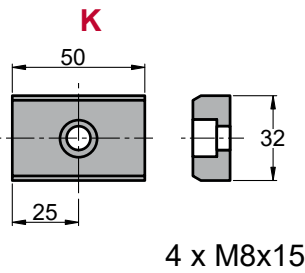
Order: **Model (W) (α)**
AWBC 0500 55

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

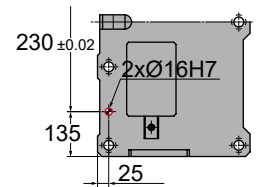
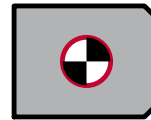
K - KF

KEY



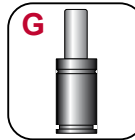
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0500 55-K**
- AWBC 0500 55-G-P16**
- AWBC 0500 55-G-P16-K**
- AWBC 0500 55-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

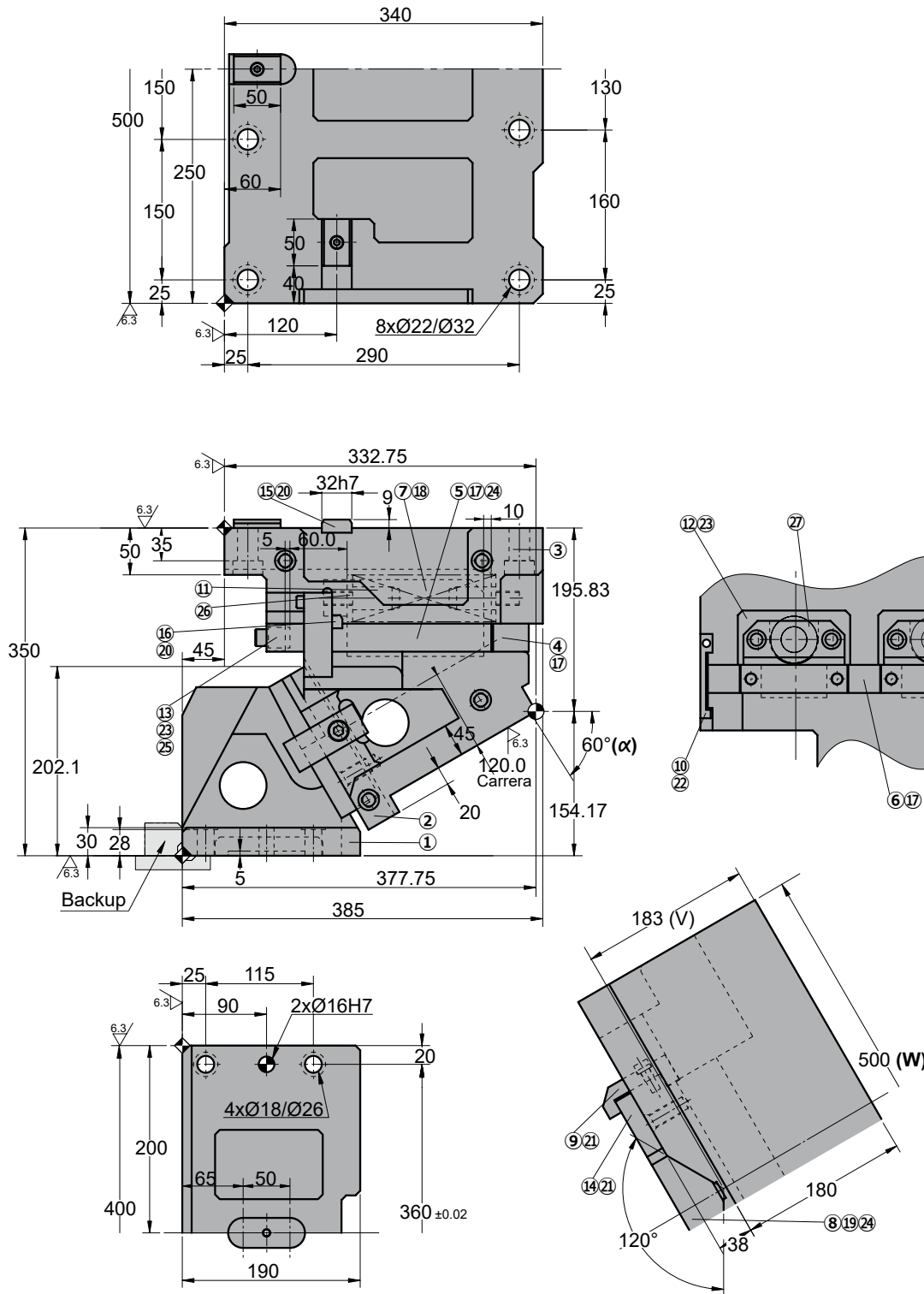
No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

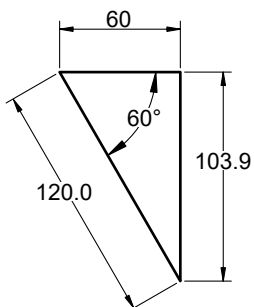
Aerial cam for pierce and flange



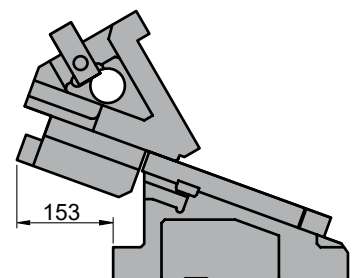
AWBC 0500 60



◦Cam diagram:



◦Disassembling space:





AWBC 0500

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
120.0	313.6 (32.0)	627.2 (64.0)	2451.6 (249.8)	14709.6 (1499.0)	236.5	AWBC	0500	60
			---	20189.1 (2058.7)				



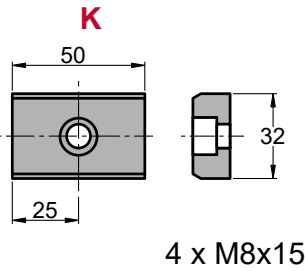
Order: Model (W) (α)
AWBC 0500 60

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

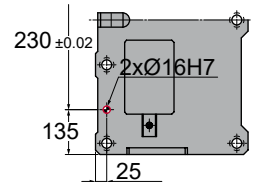
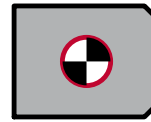
K - KF

KEY



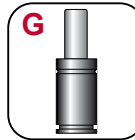
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0500 60-K**
- AWBC 0500 60-G-P16**
- AWBC 0500 60-G-P16-K**
- AWBC 0500 60-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉑ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	1	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	3	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Positive Return A	2	CK45
⑩	Positive Return B	2	CK45
⑪	Spring Guide Pin	6	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze

No.	Description	Qty.	Material
⑮	Key A	3	CK45
⑯	Key B	4	CK45
⑰	Screw	14	M16 x 45
⑱	Screw	6	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	7	M8 x 15
㉑	Screw	8	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	12	M12 x 40
㉔	Dowel Pin	6	Ø13 x 40
㉕	Stopper	3	Urethane
㉖	Washer	3	CK45
㉗	Coil Spring	3	TM50-225
㉘	Gas Spring	3	FD 750 063 (87 Bar)

AWBC 0500

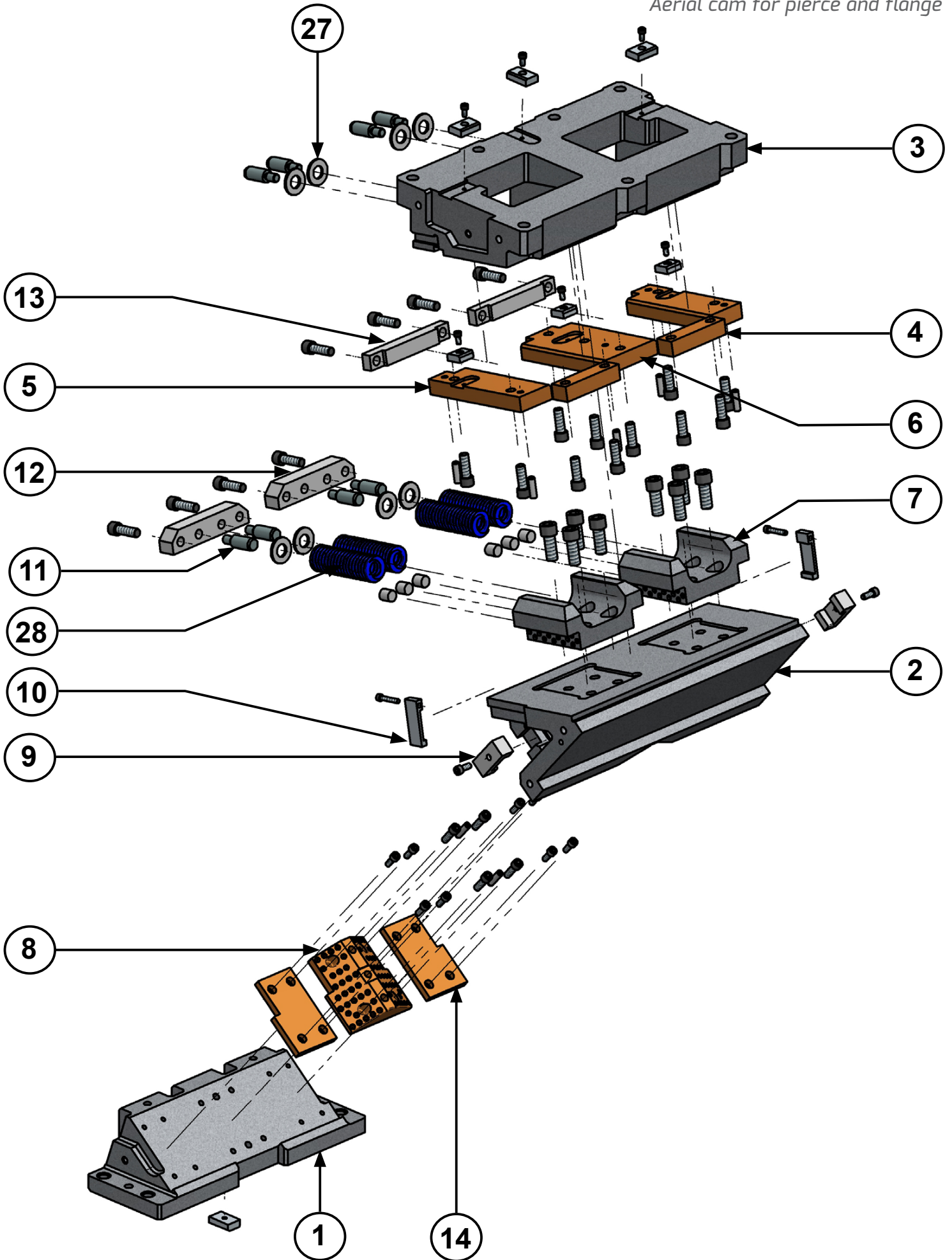


Aerial cam for pierce and flange



AWBC 0600

Aerial cam for pierce and flange

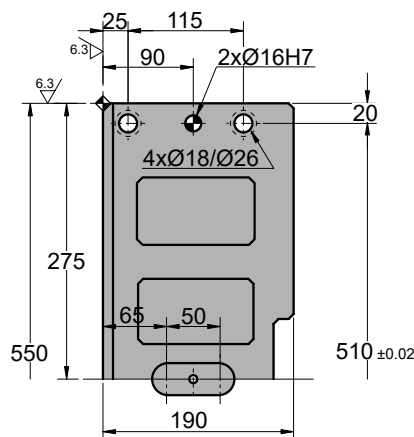
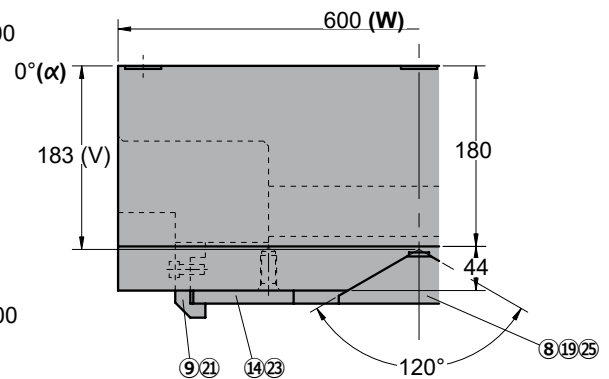
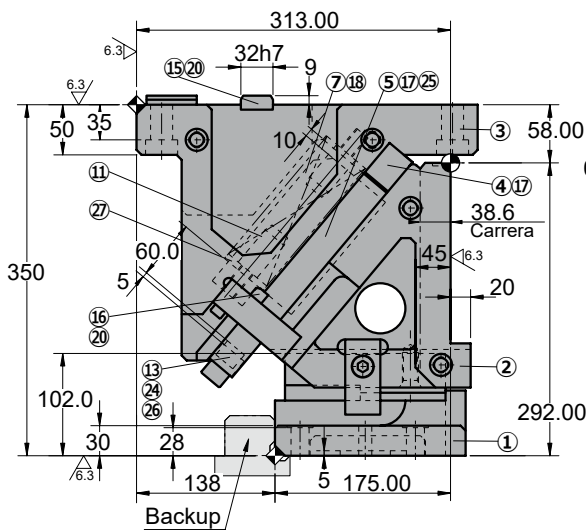
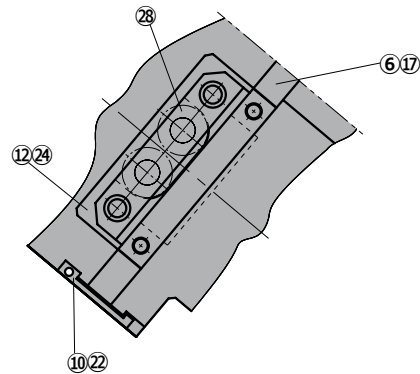
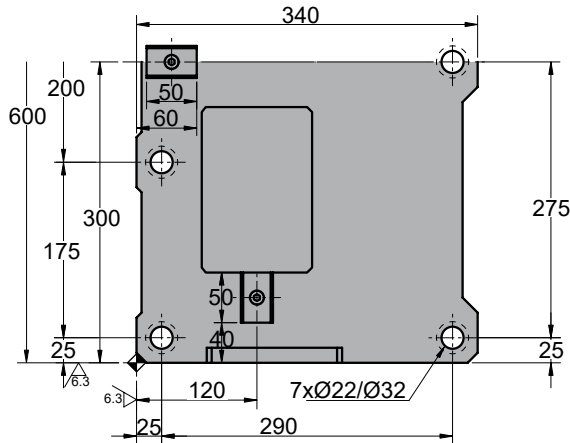


AWBC 0600

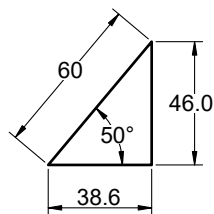
Aerial cam for pierce and flange



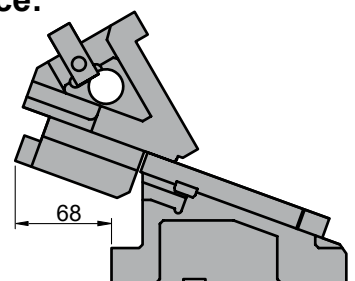
AWBC 0600 00



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
38.6	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	281.4	AWBC	0600	00
			---	26918.9 (2745.0)				



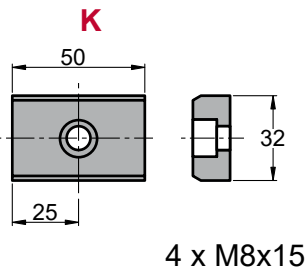
Order: **Model (W) (α)**
AWBC 0600 00

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

K - KF

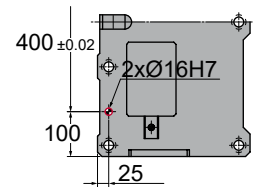
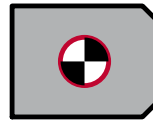
KEY



4 x M8x15

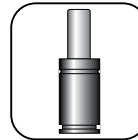
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 00-K**
- AWBC 0600 00-G-P16**
- AWBC 0600 00-G-P16-K**
- AWBC 0600 00-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉘ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

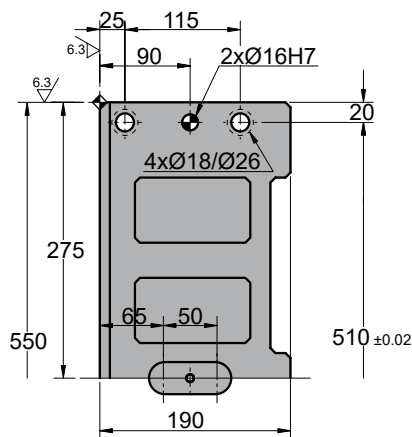
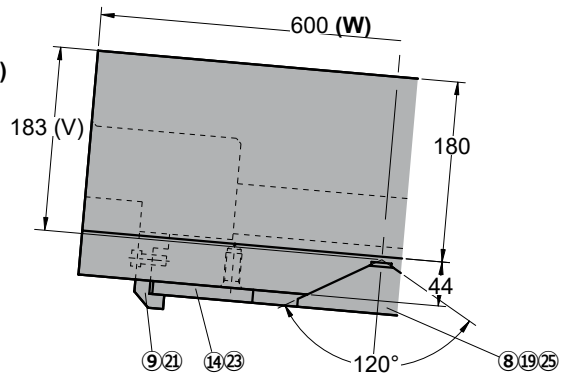
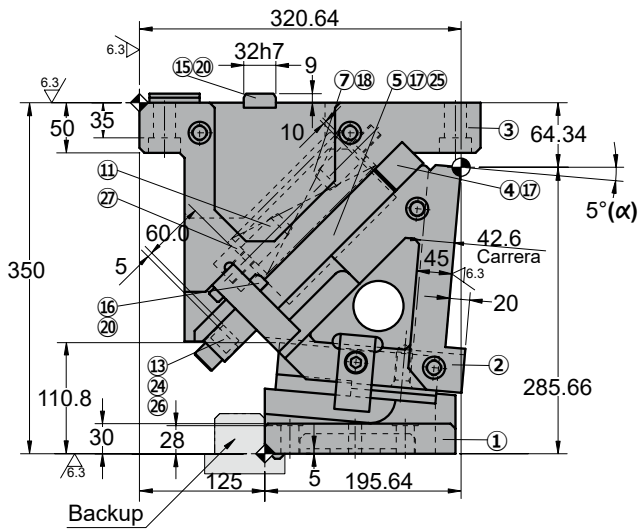
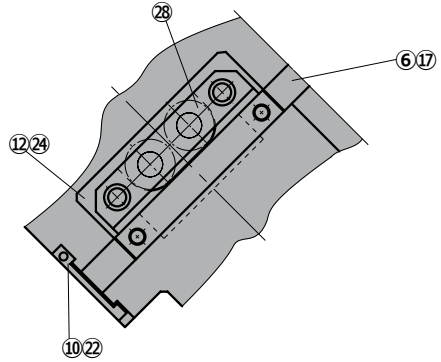
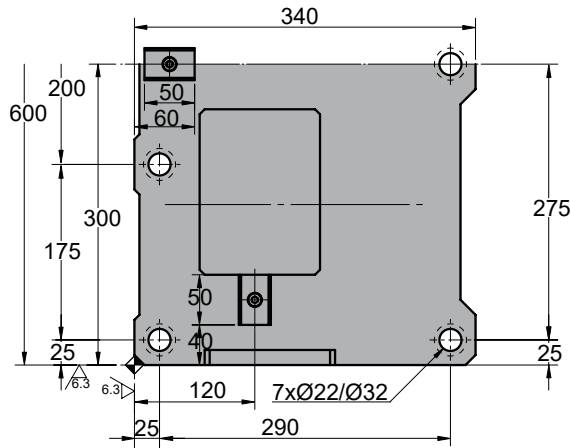
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

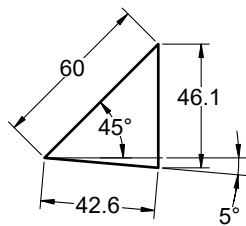
Aerial cam for pierce and flange



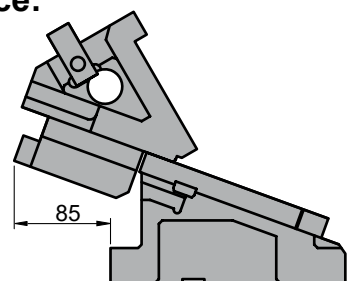
AWBC 0600 05



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
42.6	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	277.9	AWBC	0600	05
			---	26918.9 (2745.0)				



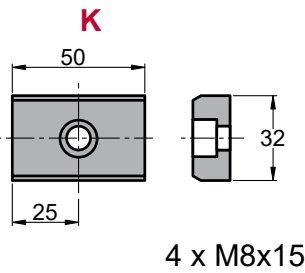
Order: Model (W) (α)
AWBC 0600 05

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

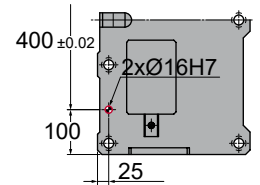
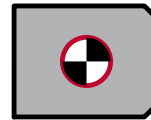
K - KF

KEY



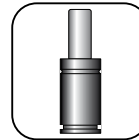
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 05-K**
- AWBC 0600 05-G-P16**
- AWBC 0600 05-G-P16-K**
- AWBC 0600 05-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉘ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

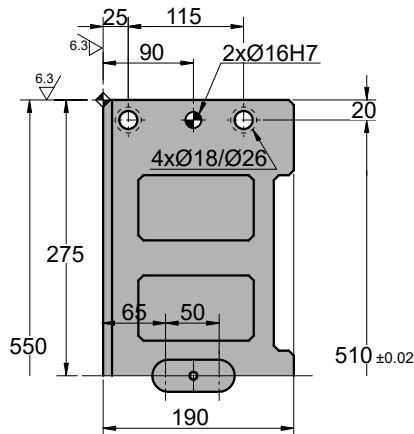
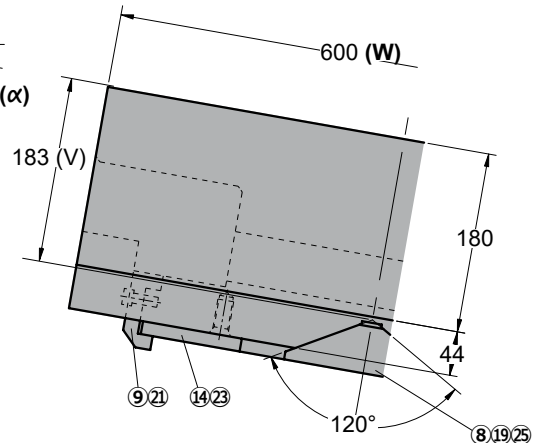
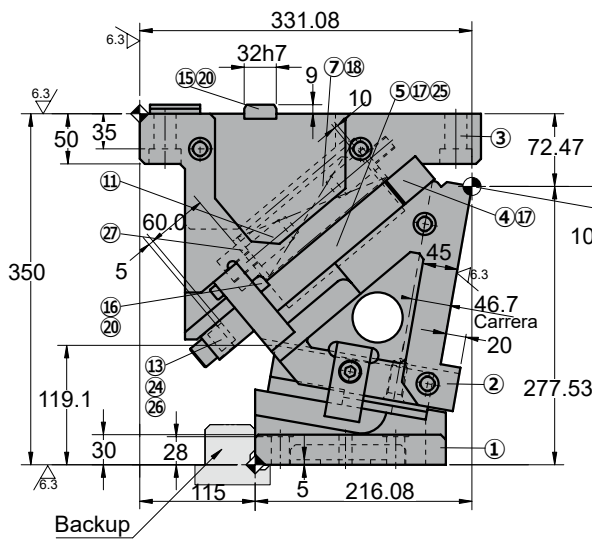
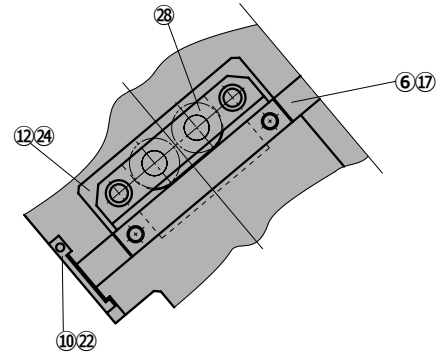
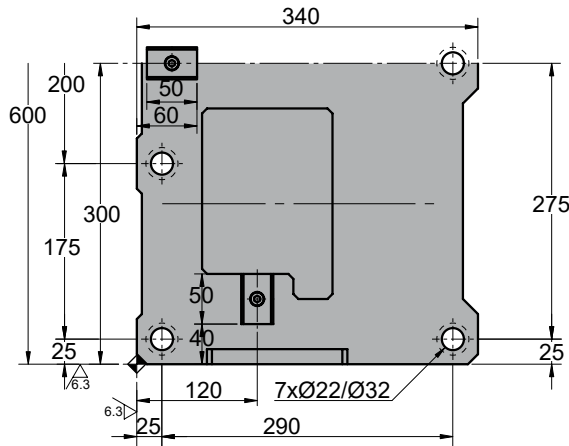
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

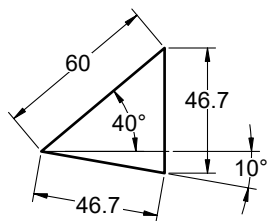
Aerial cam for pierce and flange



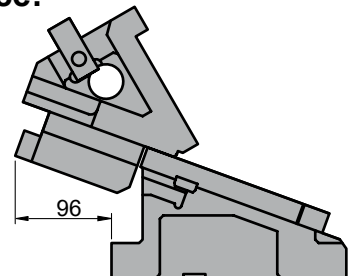
AWBC 0600 10



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
46.7	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	274.1	AWBC	0600	10
			---	26918.9 (2745.0)				



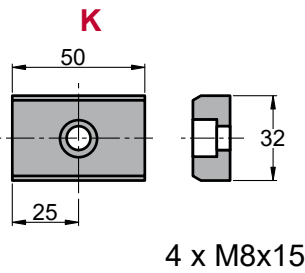
Order: Model (W) (α)
AWBC 0600 10

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

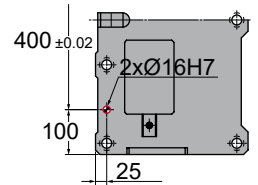
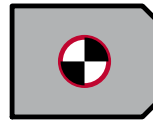
K - KF

KEY



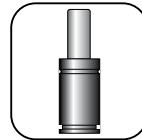
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 10-K**
- AWBC 0600 10-G-P16**
- AWBC 0600 10-G-P16-K**
- AWBC 0600 10-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉔ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

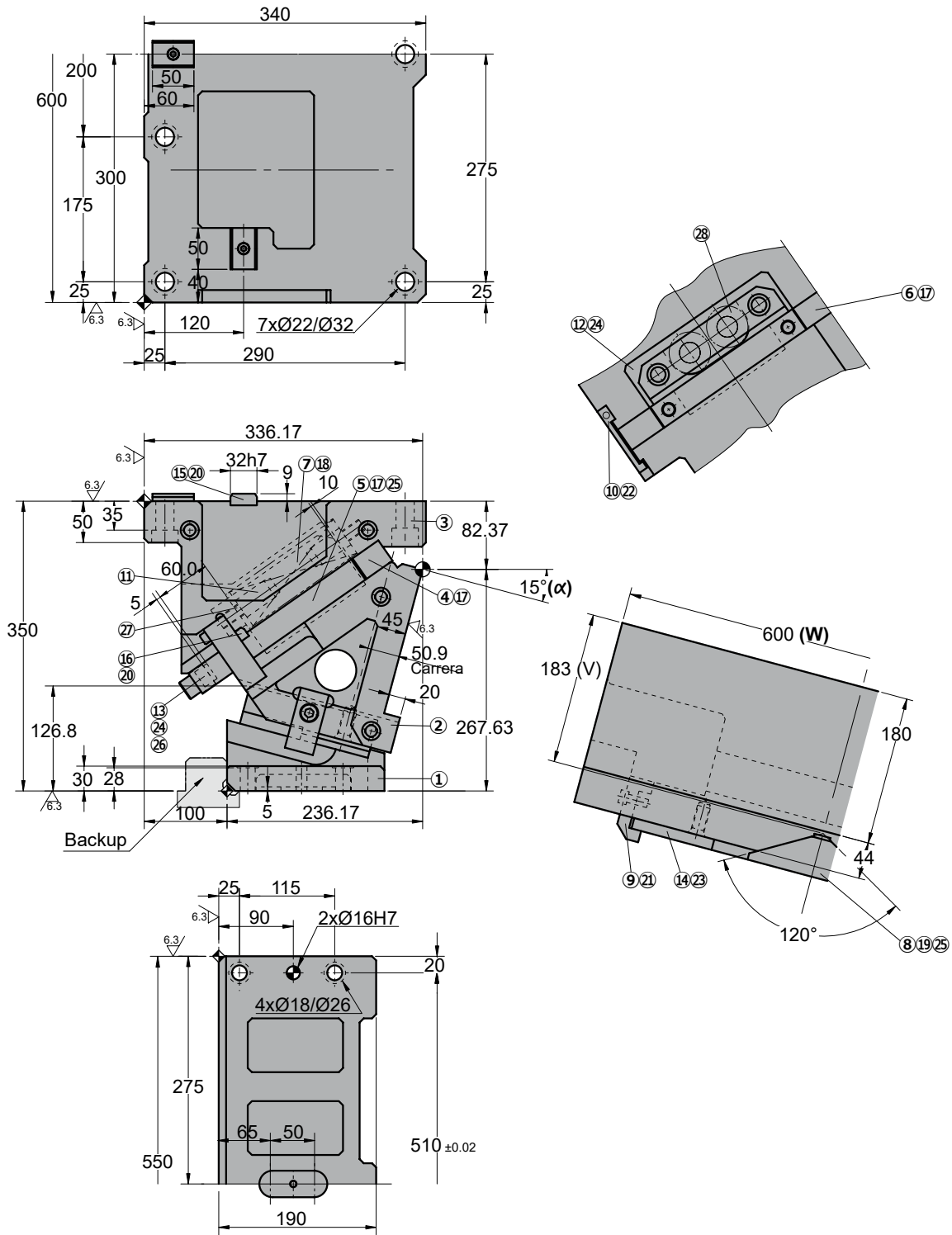
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

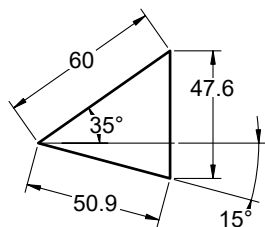
Aerial cam for pierce and flange



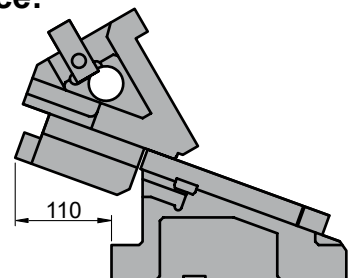
AWBC 0600 15



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
50.9	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	272.3	AWBC	0600	15
			---	26918.9 (2745.0)				



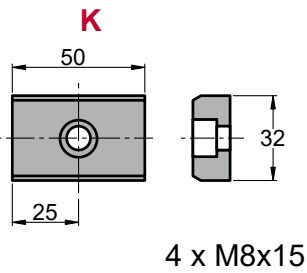
Order: Model (W) (α)
AWBC 0600 15

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

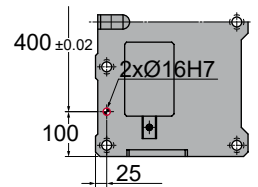
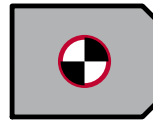
K - KF

KEY



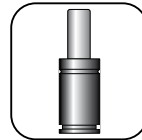
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 15-K**
- AWBC 0600 15-G-P16**
- AWBC 0600 15-G-P16-K**
- AWBC 0600 15-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉘ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

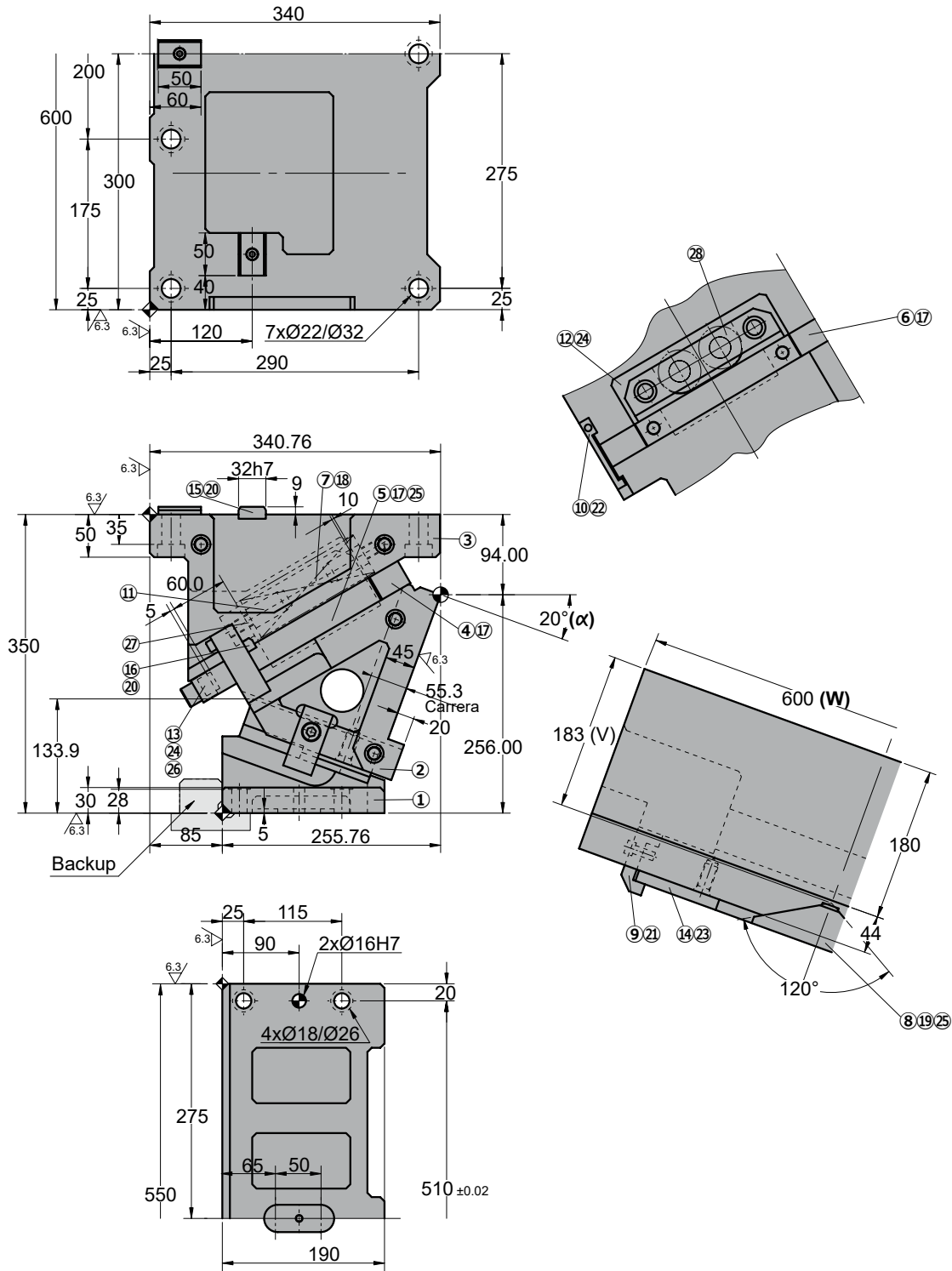
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

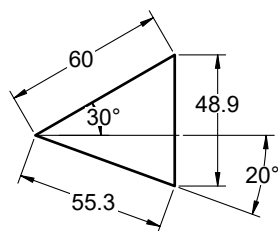
Aerial cam for pierce and flange



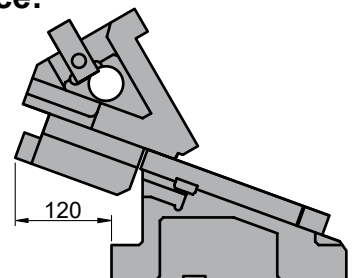
AWBC 0600 20



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
55.3	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	268.8	AWBC	0600	20
			---	26918.9 (2745.0)				



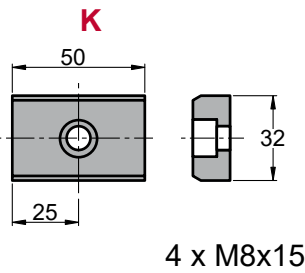
Order: **Model (W) (α)**
AWBC 0600 20

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

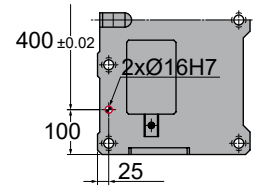
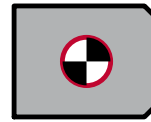
K - KF

KEY



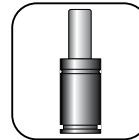
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 20-K**
- AWBC 0600 20-G-P16**
- AWBC 0600 20-G-P16-K**
- AWBC 0600 20-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉔ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

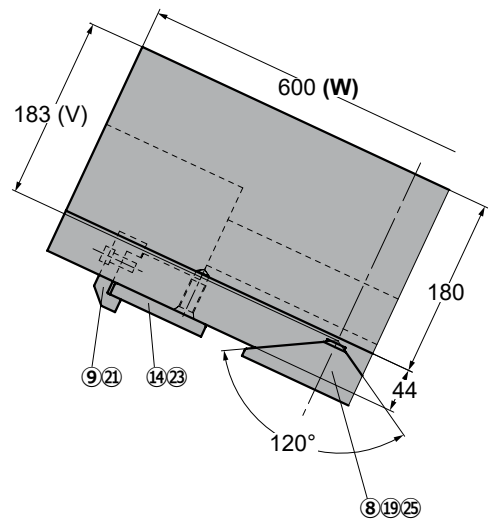
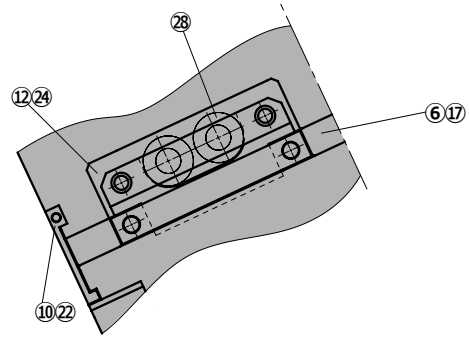
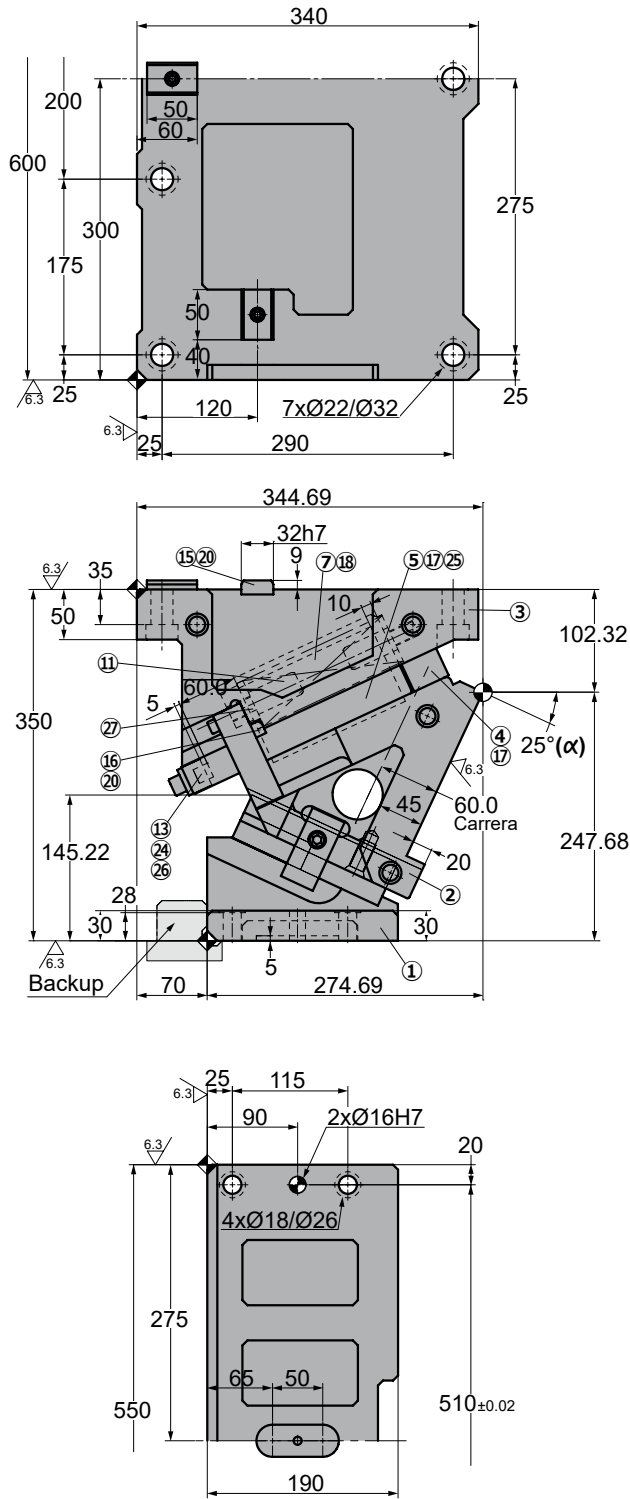
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

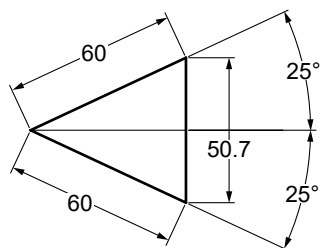
Aerial cam for pierce and flange



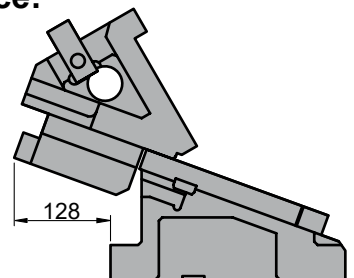
AWBC 0600 25



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
60.0	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	268.3	AWBC	0600	25
			---	26918.9 (2745.0)				



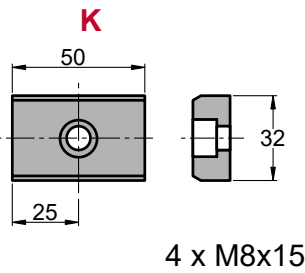
Order: **Model (W) (α)**
AWBC 0600 25

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

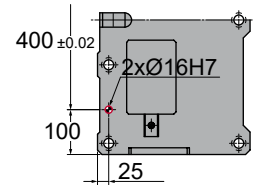
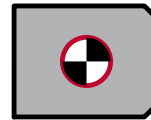
K - KF

KEY



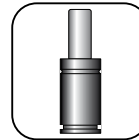
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 25-K**
- AWBC 0600 25-G-P16**
- AWBC 0600 25-G-P16-K**
- AWBC 0600 25-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉘ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

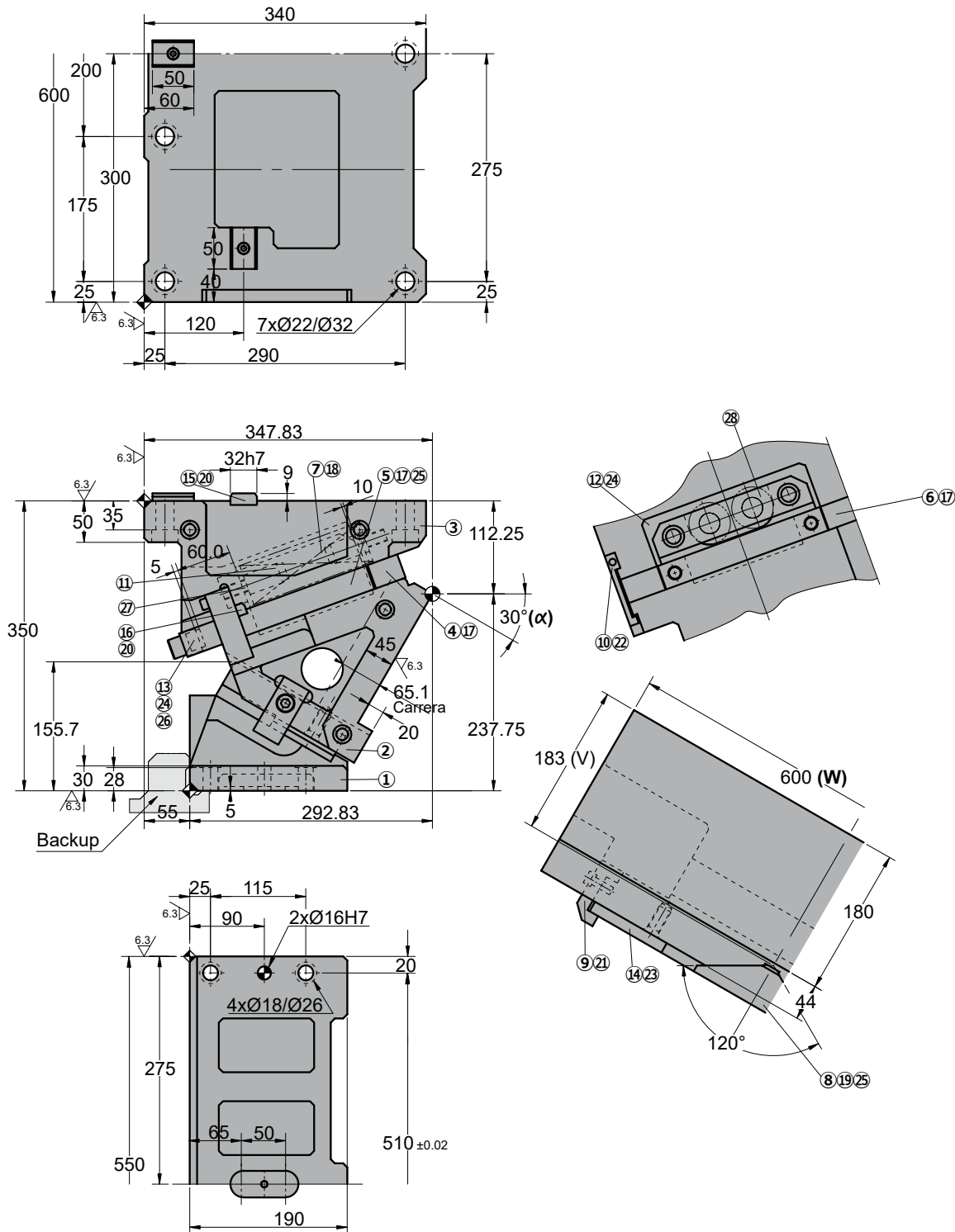
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

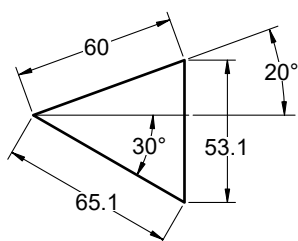
Aerial cam for pierce and flange



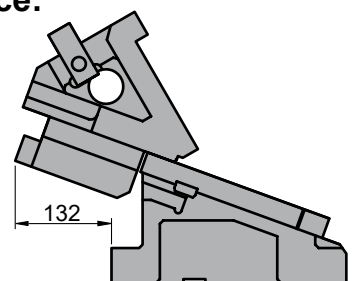
AWBC 0600 30



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
65.1	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	276.6	AWBC	0600	30
			---	26918.9 (2745.0)				



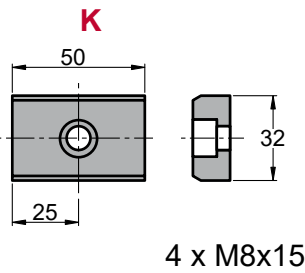
Order: Model (W) (α)
AWBC 0600 30

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

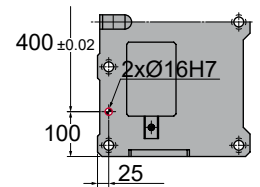
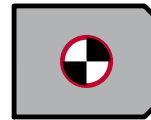
K - KF

KEY



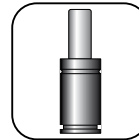
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 30-K**
- AWBC 0600 30-G-P16**
- AWBC 0600 30-G-P16-K**
- AWBC 0600 30-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉔ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

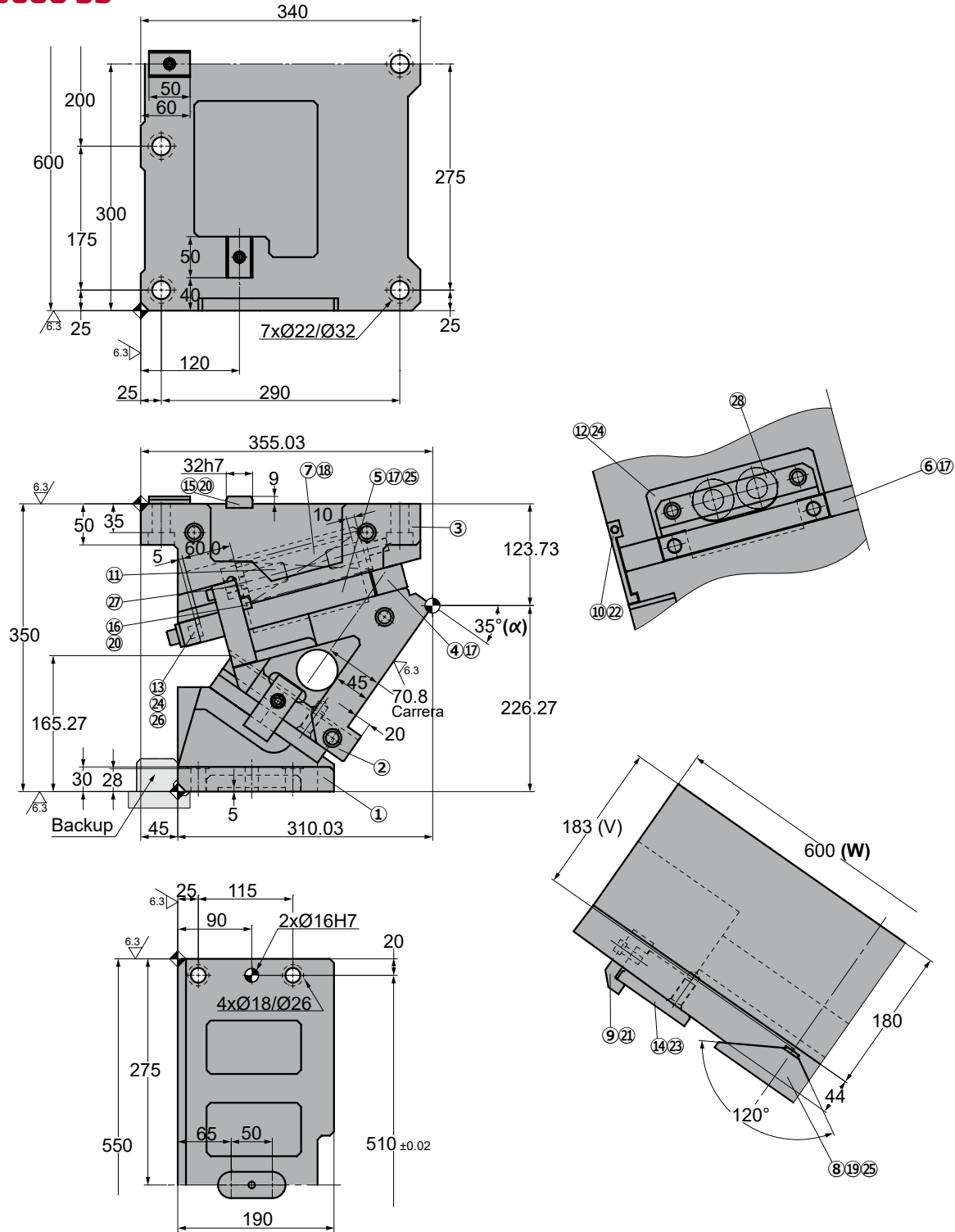
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

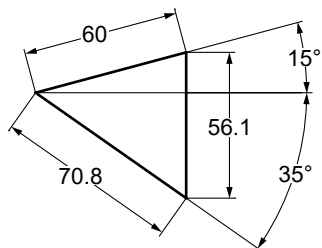
Aerial cam for pierce and flange



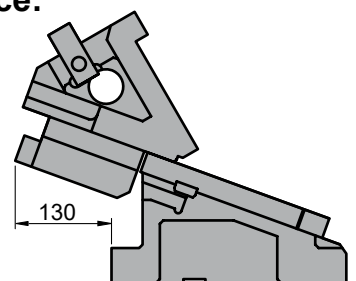
AWBC 0600 35



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
70.8	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	276.0	AWBC	0600	35
			---	26918.9 (2745.0)				



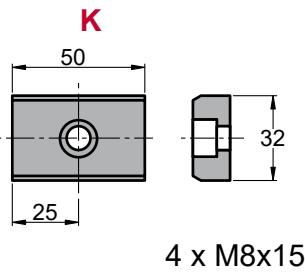
Order: Model (W) (α)
AWBC 0600 35

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

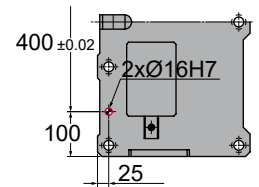
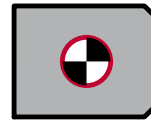
K - KF

KEY



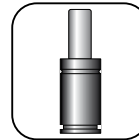
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 35-K**
- AWBC 0600 35-G-P16**
- AWBC 0600 35-G-P16-K**
- AWBC 0600 35-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉔ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

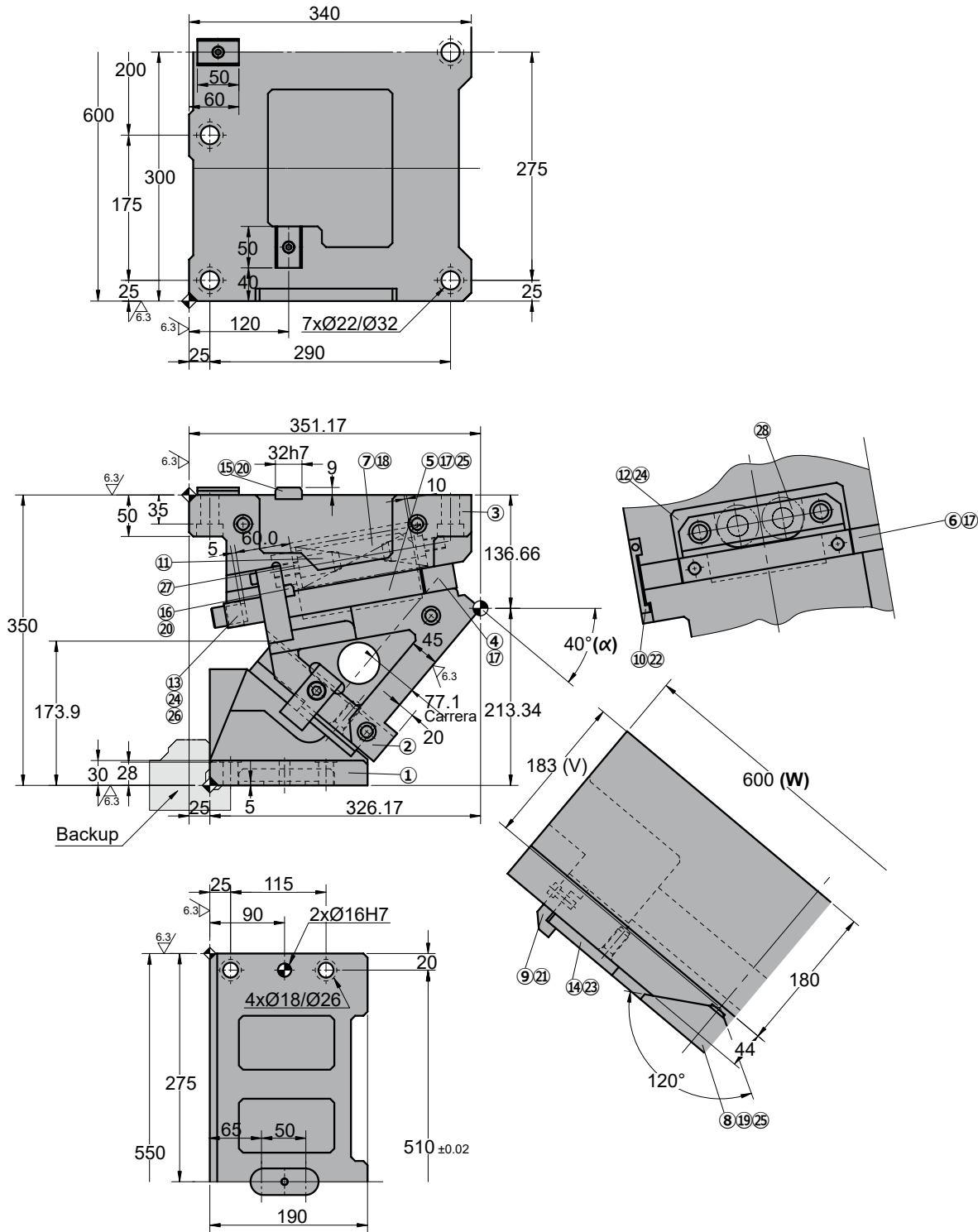
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

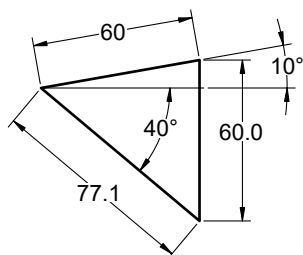
Aerial cam for pierce and flange



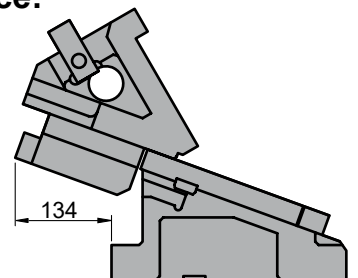
AWBC 0600 40



Cam diagram:



Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
77.1	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	285.2	AWBC	0600	40
			---	26918.9 (2745.0)				



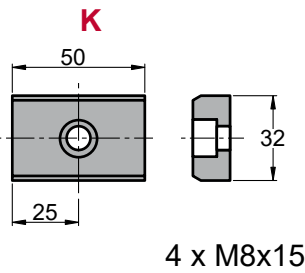
Order: Model (W) (α)
AWBC 0600 40

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

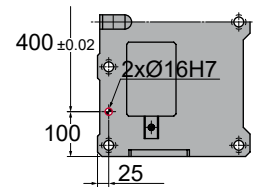
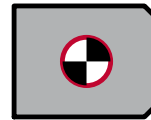
K - KF

KEY



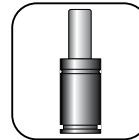
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 40-K**
- AWBC 0600 40-G-P16**
- AWBC 0600 40-G-P16-K**
- AWBC 0600 40-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉘ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

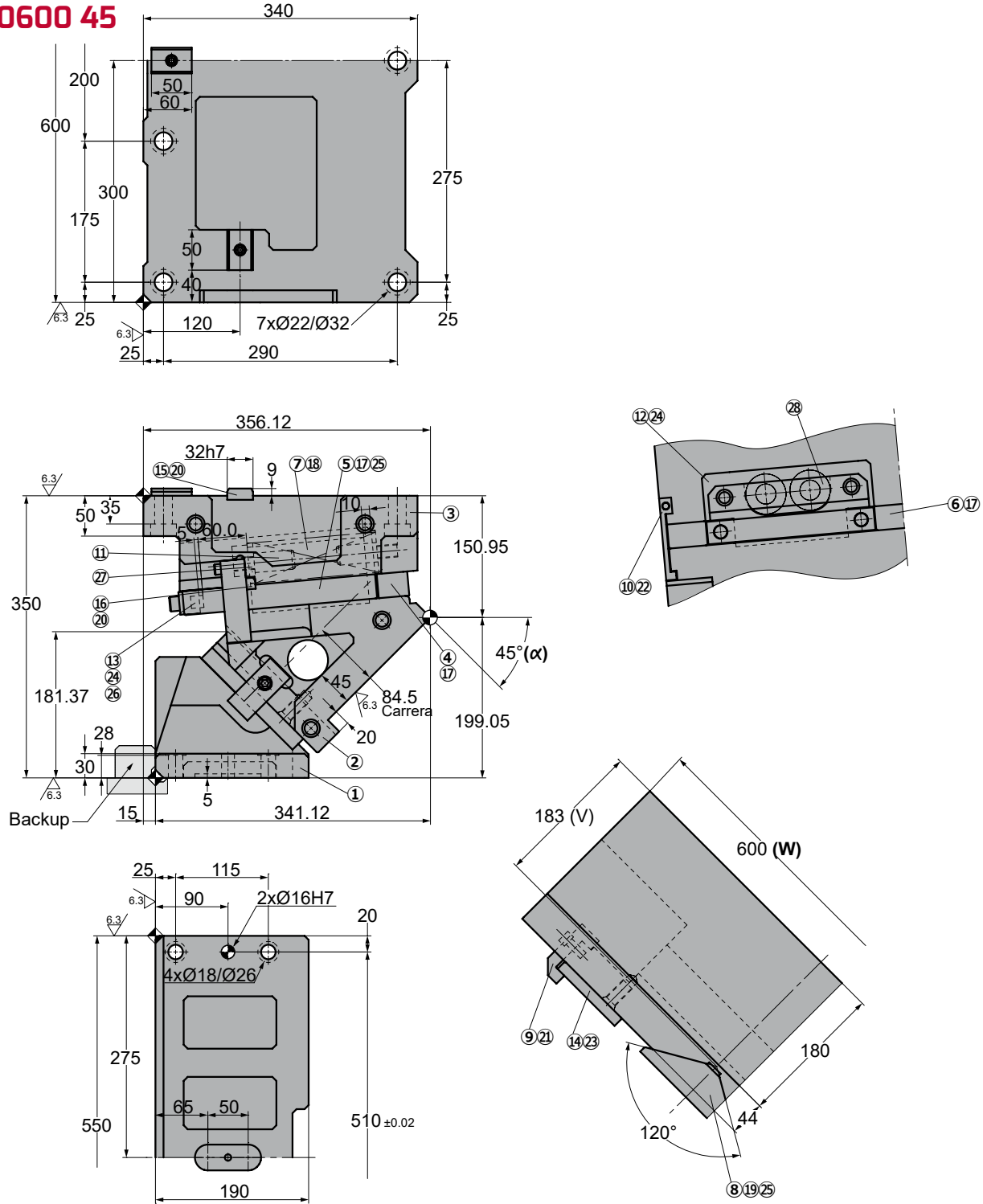
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

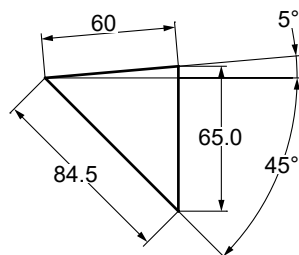
Aerial cam for pierce and flange



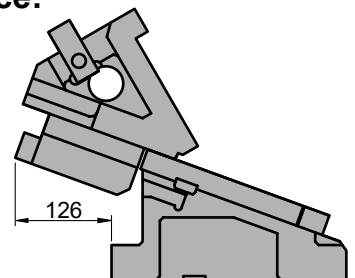
AWBC 0600 45



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
84.5	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	284.4	AWBC	0600	45
			---	26918.9 (2745.0)				



Order: **Model (W) (α)**
AWBC 0600 45

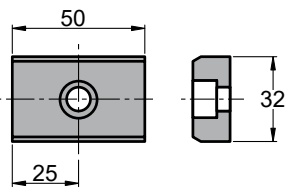
Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

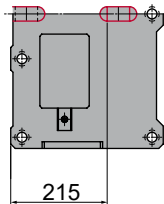
K - KF

KEY

KF

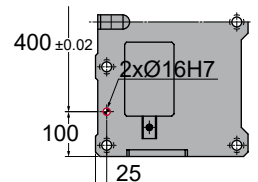
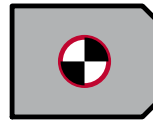


4 x M8x15



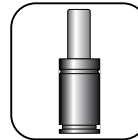
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 45-K**
- AWBC 0600 45-G-P16**
- AWBC 0600 45-G-P16-K**
- AWBC 0600 45-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉘ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

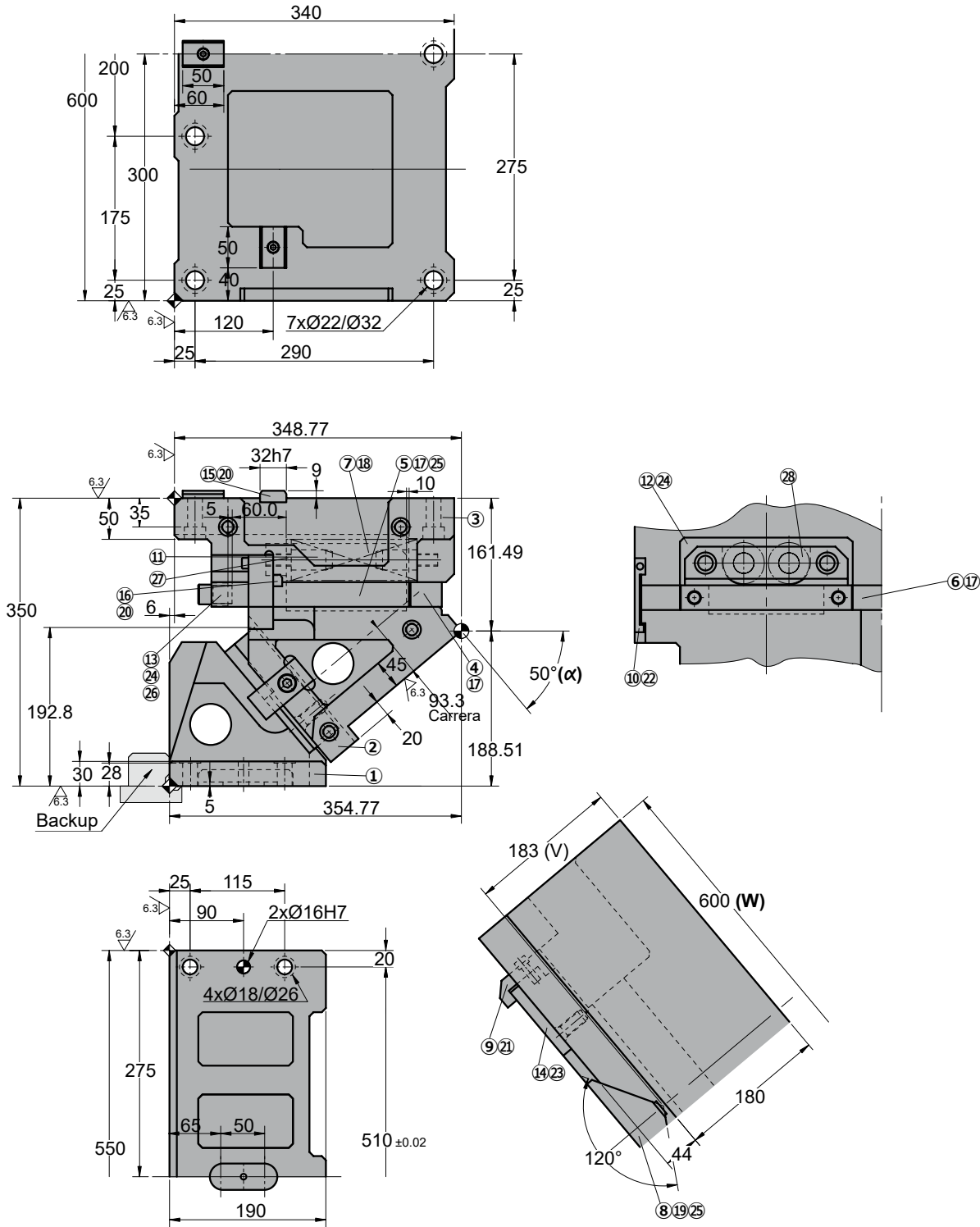
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

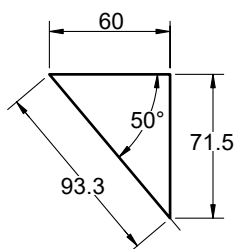
Aerial cam for pierce and flange



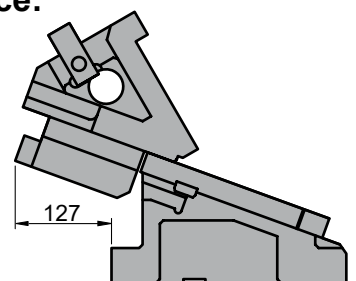
AWBC 0600 50



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
93.3	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	283.5	AWBC	0600	50
			---	26918.9 (2745.0)				



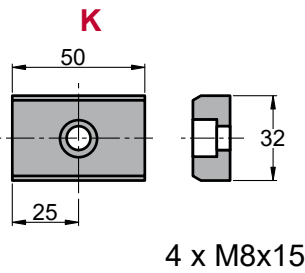
Order: **Model (W) (α)**
AWBC 0600 50

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KF

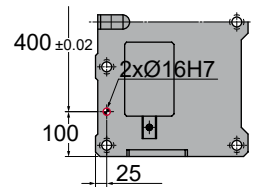
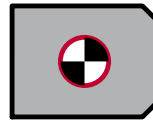
KEY



4 x M8x15

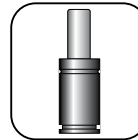
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 50-K**
- AWBC 0600 50-G-P16**
- AWBC 0600 50-G-P16-K**
- AWBC 0600 50-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉘ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

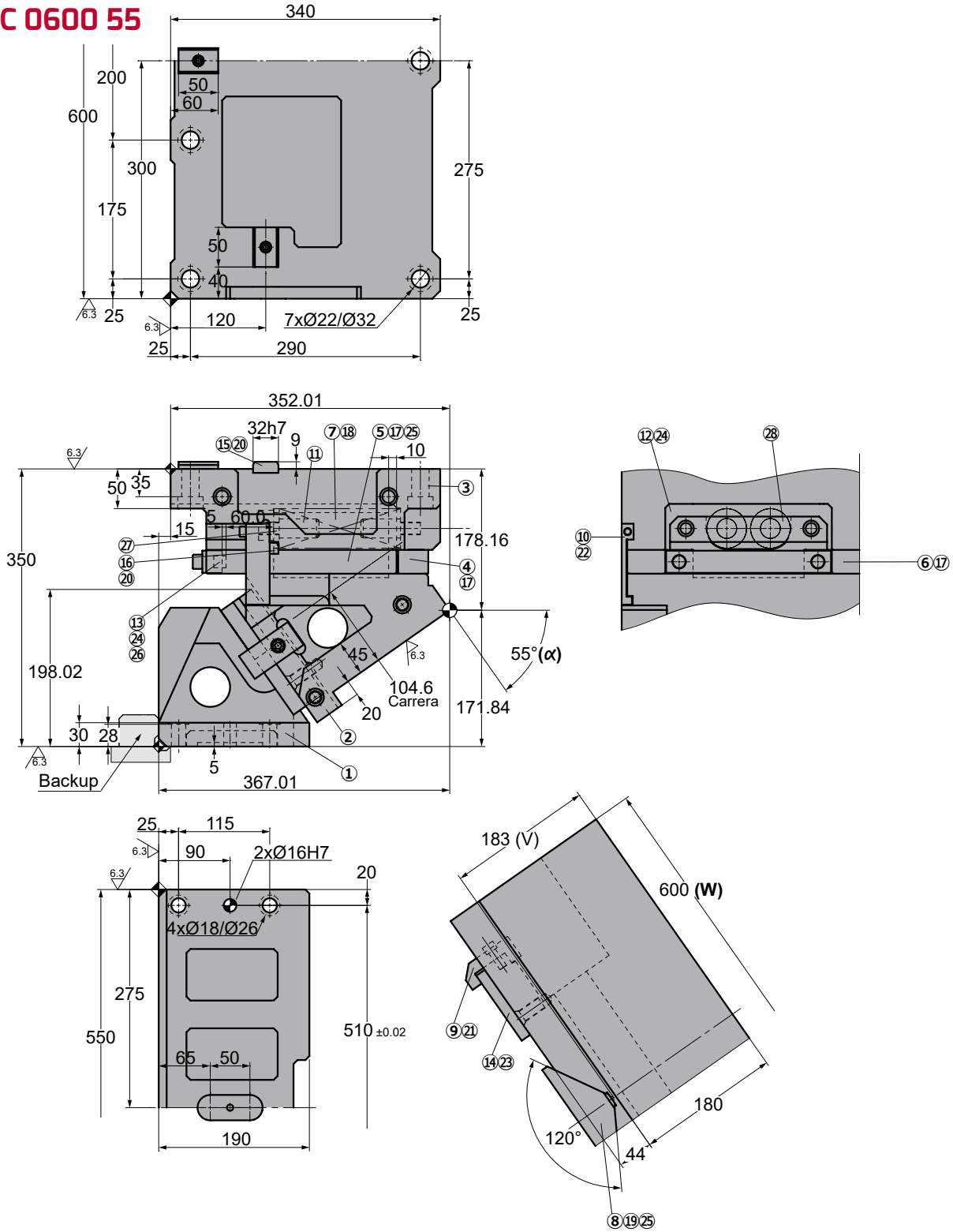
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

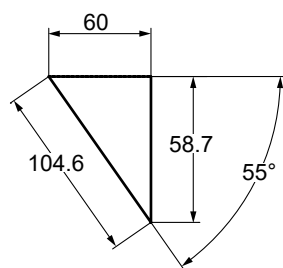
Aerial cam for pierce and flange



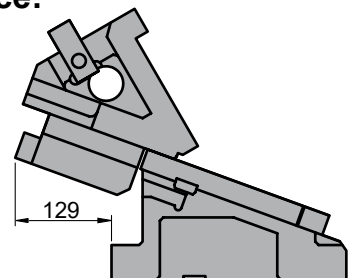
AWBC 0600 55



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
104.6	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	292.0	AWBC	0600	55
			---	26918.9 (2745.0)				



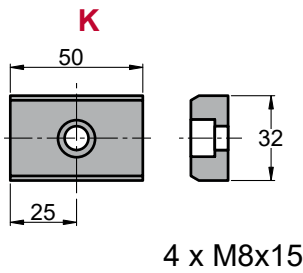
Order: **Model (W) (α)**
AWBC 0600 55

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

K - KF

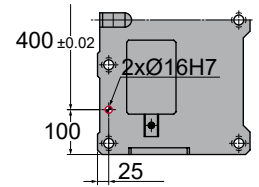
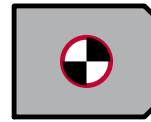
KEY



4 x M8x15

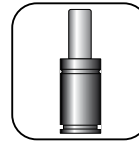
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 55-K**
- AWBC 0600 55-G-P16**
- AWBC 0600 55-G-P16-K**
- AWBC 0600 55-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉘ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

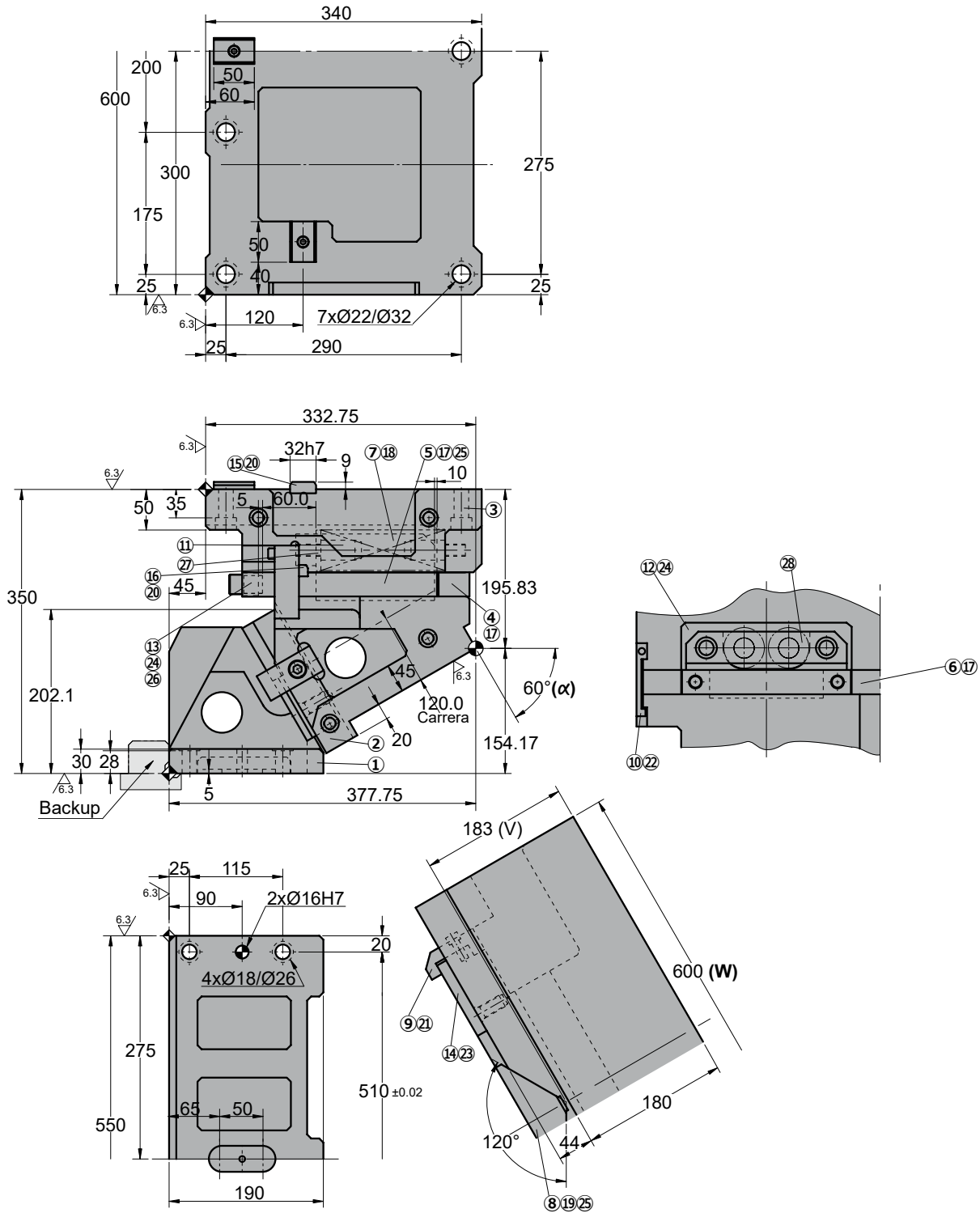
No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
⑳	Screw	6	M8 x 15
㉑	Screw	2	M10 x 25
㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600

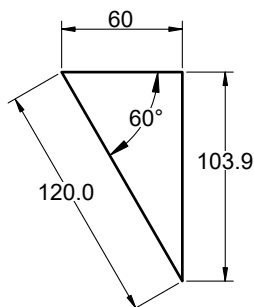
Aerial cam for pierce and flange



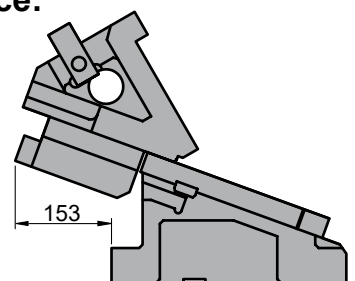
AWBC 0600 60



◦Cam diagram:



◦Disassembling space:





AWBC 0600

Aerial cam for pierce and flange

Stroke (mm)	Working force kN - (tons)		Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
	(1 Million Strokes)	(300.000 Strokes)	Initial F ₀	Final F ₁				
120.0	392.0 (40.0)	784.0 (79.9)	3268.8 (333.1)	19612.8 (1998.7)	295.6	AWBC	0600	60
			---	26918.9 (2745.0)				



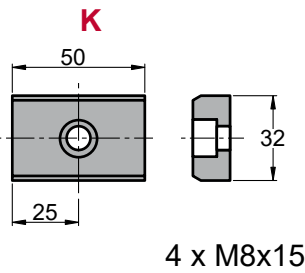
Order: Model (W) (α)
AWBC 0600 60

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

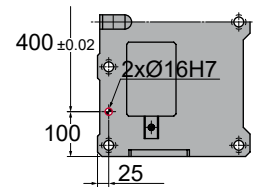
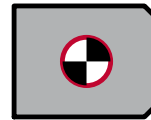
K - KF

KEY



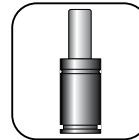
P PINS

P16 - Ø16 H7.



G

GAS SPRING



G Gas spring included in the cam

Order Options: Model (W) (α)-Option



- AWBC 0600 60-K**
- AWBC 0600 60-G-P16**
- AWBC 0600 60-G-P16-K**
- AWBC 0600 60-G-P16-KF**



SPARE PARTS:

- ⑤ Base Plate B
- ⑥ Base Plate C
- ⑧ Slider Guide
- ⑭ Plate
- ⑳ Coil Spring
- ㉘ Gas spring (G)

COMPONENTS

No.	Description	Qty.	Material
①	Cam Holder	1	GG25
②	Cam Slider	1	GG25
③	Cam Driver	1	GG25
④	Base Plate A	2	Bronze + G
⑤	Base Plate B	1	Bronze + G
⑥	Base Plate C	1	Bronze + G
⑦	Spring Guide Block	2	GGG50 + G
⑧	Slider Guide	1	Bronze
⑨	Uña extractora A	2	CK45
⑩	Uña extractora B	2	CK45
⑪	Spring Guide Pin	8	CK45
⑫	Spring Guide Plate	1	CK45
⑬	Stopper Plate	1	CK45
⑭	Plate	1	Bronze
⑮	Key A	3	CK45

No.	Description	Qty.	Material
⑯	Key B	3	CK45
⑰	Screw	11	M16 x 45
⑱	Screw	8	M20 x 50
⑲	Screw	4	M12 x 35
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㉒	Screw	2	M8 x 45
㉓	Screw	8	M10 x 20
㉔	Screw	8	M16 x 50
㉕	Dowel Pin	6	Ø13 x 40
㉖	Stopper	4	Goma
㉗	Washer	4	CK45
㉘	Coil Spring	4	TM50-225
㉙	Gas Spring	4	FD 750 063 (87 Bar)

AWBC 0600



Aerial cam for pierce and flange