

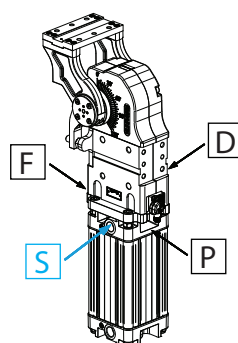
UAGP

UNICLAMP Pneumatic power pivot



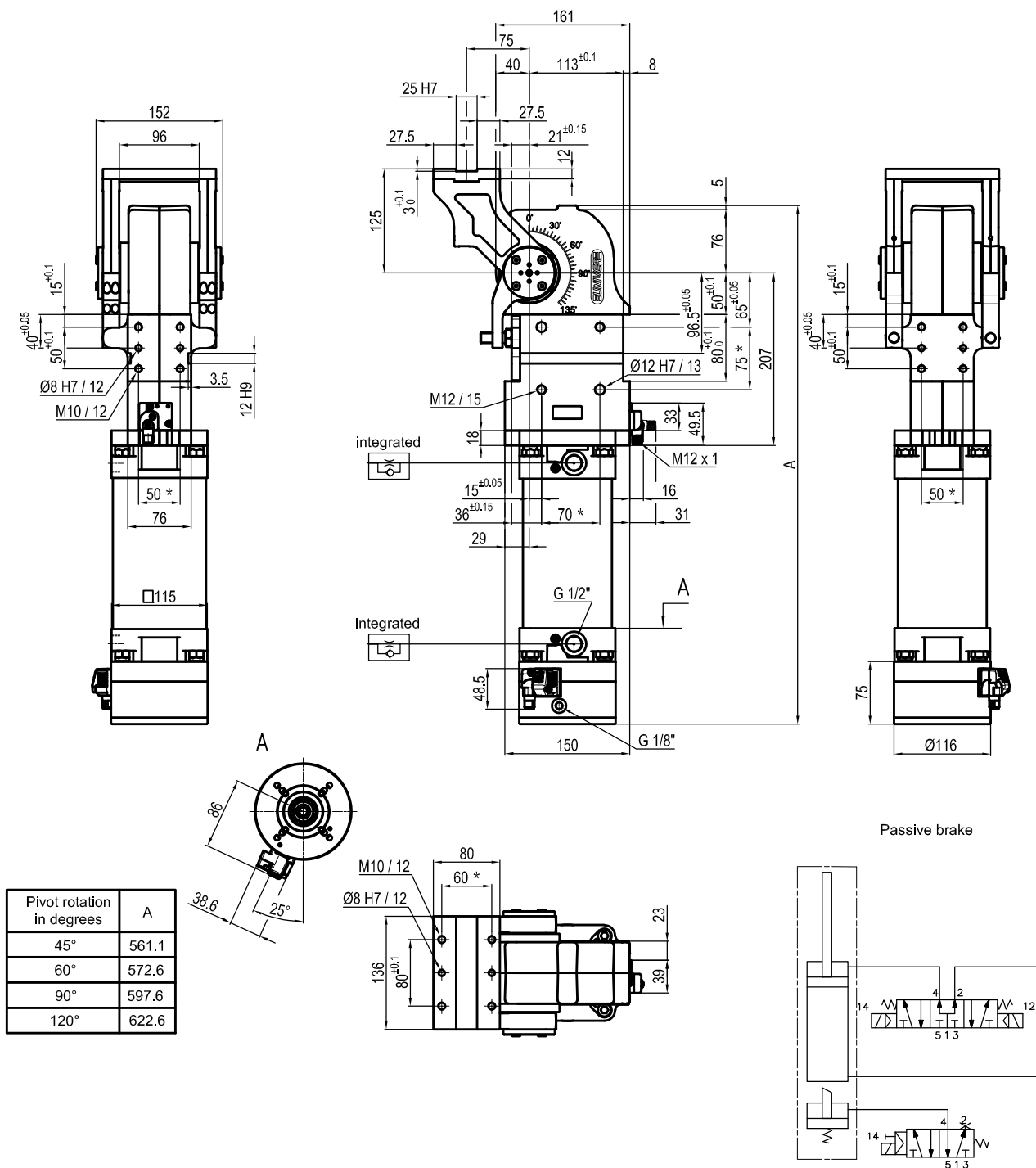
U	A	G	P	0	8	0	O	A	0	9	0	B	S	0
1	2	3	4	5	6	7	8	9						

1 Series	2 Version	3 Size
UAG = UNICLAMP Power pivot with fixed opening angle	P = Pneumatic	075 = 75Nm Ø80 mm 215 = 210Nm Ø125 mm 080 = 60Nm Ø80 mm 300 = 300Nm Ø160 mm 120 = 110Nm Ø100 mm 350 = 350Nm Ø160 mm 150 = 120Nm Ø100 mm 355 = 350Nm Ø160 mm 155 = 120Nm Ø100 mm 600 = 600Nm Ø200 mm 170 = 170Nm Ø125 mm 605 = 600Nm Ø200 mm 210 = 210Nm Ø125 mm
4 Table position	5 Sensor	6 Pivot rotation angles
V = Vertical 180° O = Horizontal 90° Z = Vertical, mirror of V position P = Horizontal, mirror of O position (Max opening angle 60°)	K = Electronic sensor PNP (optical) (DF-K) A = PNP Electronic Sensor (optic) for opening angle (DF-K) + brake sensor (DF-U)	120 = 120° 090 = 90° 060 = 60° 045 = 45°
7 Brake system	8 Connections	9 Product revision
B = With brake W = Without brake M = With brake and manual unlock	S = Left side D = Right side F = Front side P = Rear side	Assigned by UNIVER



UNIVER S.p.A recommends that all power pivot applications are validated by UNIVER technical department

UAGP120OA__ _BS0



Pivot rotation in degrees	A
45°	561.1
60°	572.6
90°	597.6
120°	622.6

Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19 Kg

* : TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

Subject to technical modifications without notice

Rev. 01 23.09.21

Min./Max. operating pressure: **0,4 / 0,6 MPa**

Operating temperature: **5° ÷ 45° C**

Predeterminate pivot rotation in degrees: **45°- 60°- 90°- 120°**

Rotary table position: **Horizontal 90°**

Electronic sensor with M12 swivel connector, from 0° or 90°, in steps of 10°

Supply voltage: 10 ÷ 30 Vdc

IP code: **IP 65**

Solenoid Valve Dimensions

- Front View:** Overall width 152mm, mounting hole diameter Ø8 H7 / 12, M10 / 12 mounting holes, 12 H9 clearance.
- Side View:** Total height 207mm, coil height 76mm, solenoid plunger length 150mm. Features G 1/2" and G 1/8" ports, M12 x 1 screw, and integrated solenoid coils.
- Top View:** Mounting flange diameter Ø116mm, central port diameter Ø62mm, overall width 150mm.
- End View:** Shows the valve body profile with a total width of 150mm.
- Pivot Rotation Table:**

Pivot rotation in degrees	A
45°	586.6
60°	598.1
90°	623.1
120°	648.1
- Passive Brake:** A diagram showing the internal valve mechanism with a passive brake feature, indicating flow direction and pressure points.

Pivot rotation in degrees	A
45°	586.6
60°	598.1
90°	623.1
120°	648.1

Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19,2 Kg

*: TOLERANCE BETWEEN DOWEL HOLES ± 0.02 , BETWEEN SCREW HOLES ± 0.1

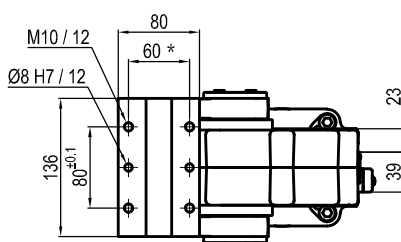
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Rev. 00 18.06.19

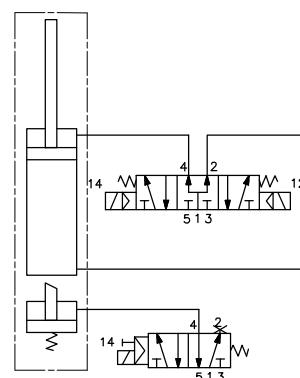
Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45°- 60°- 90°- 120°**
 Rotary table position: **Horizontal 90°**
 Electronic sensor with M12 swivel connector, from 0° or 90°,
 in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

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Pivot rotation in degrees	A
45°	561.1
60°	572.6
90°	597.6
120°	622.6



Passive brake

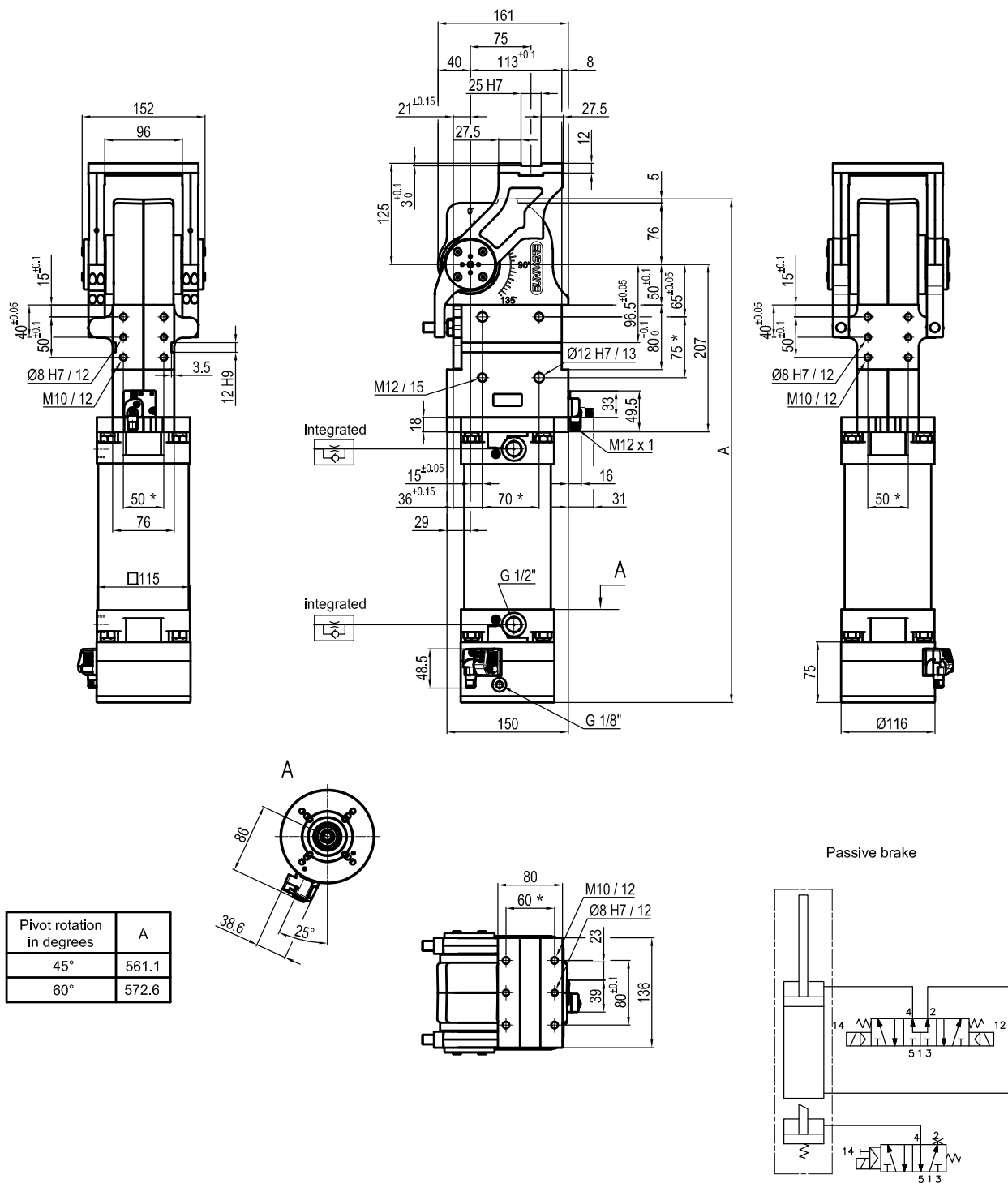


Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19 Kg

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predeterminate pivot rotation in degrees: **45°- 60°- 90°- 120°**
 Rotary table position: **Horizontal 90°**
 Electronic sensor with M12 swivel connector, from 0° or 90°,
 in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

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UAGP120PA__ _BS0



Pivot rotation in degrees	A
45°	561.1
60°	572.6

Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19 Kg

*: TOLERANCE BETWEEN DOWEL HOLES ± 0.02 , BETWEEN SCREW HOLES ± 0.1

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Rev. 00 17.09.19

Min./Max. operating pressure: **0,4 / 0,6 MPa**

Operating temperature: **5° ÷ 45° C**

Predeterminate pivot rotation in degrees: **45°- 60°**

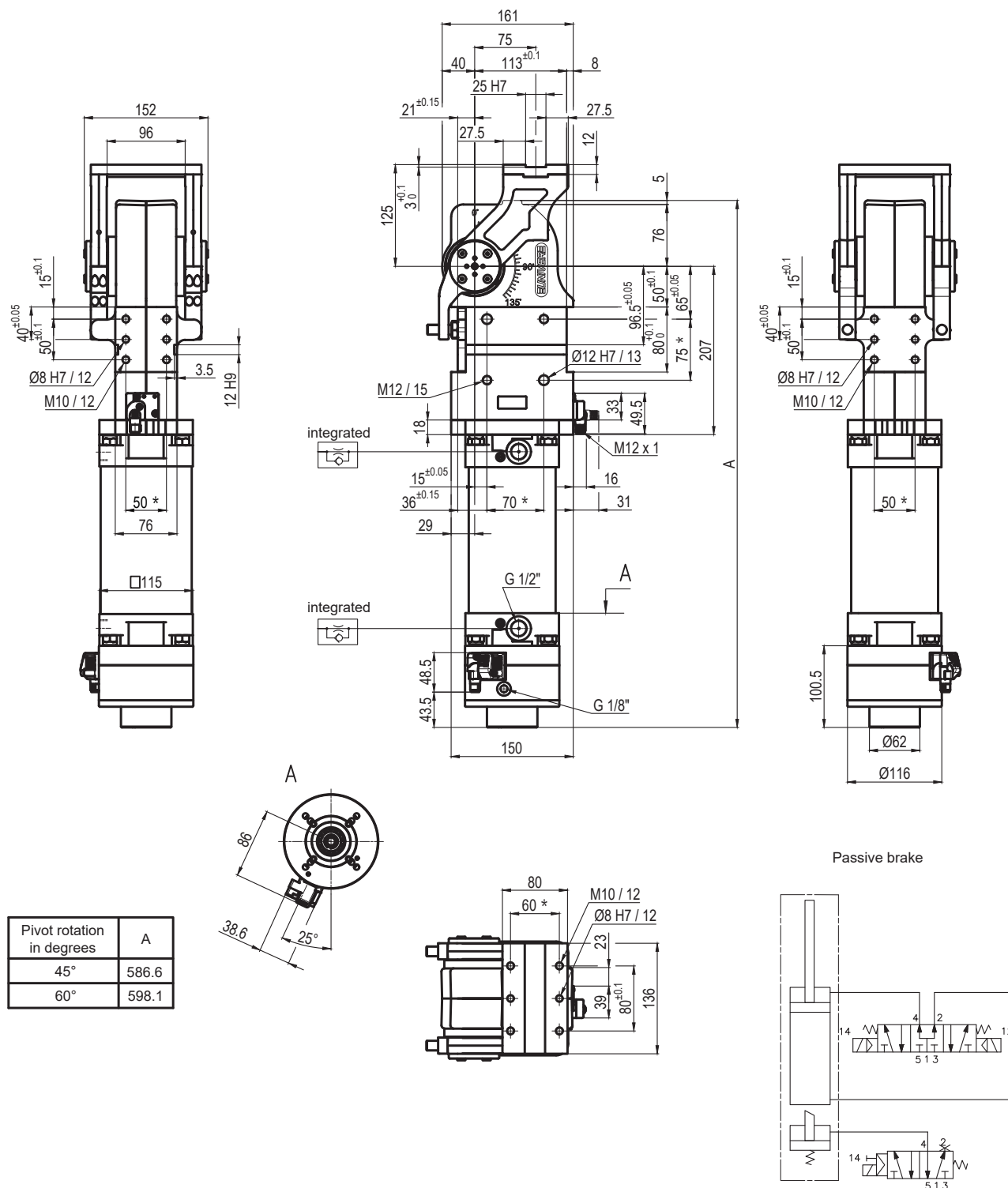
Rotary table position: **Horizontal mirror of 0**

Electronic sensor with M12 swivel connector, from 0° or 90°, in steps of 10°

Supply voltage: 10 ÷ 30 Vdc

IP code: **IP 65**

UAGP120PA__MS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19,2 Kg

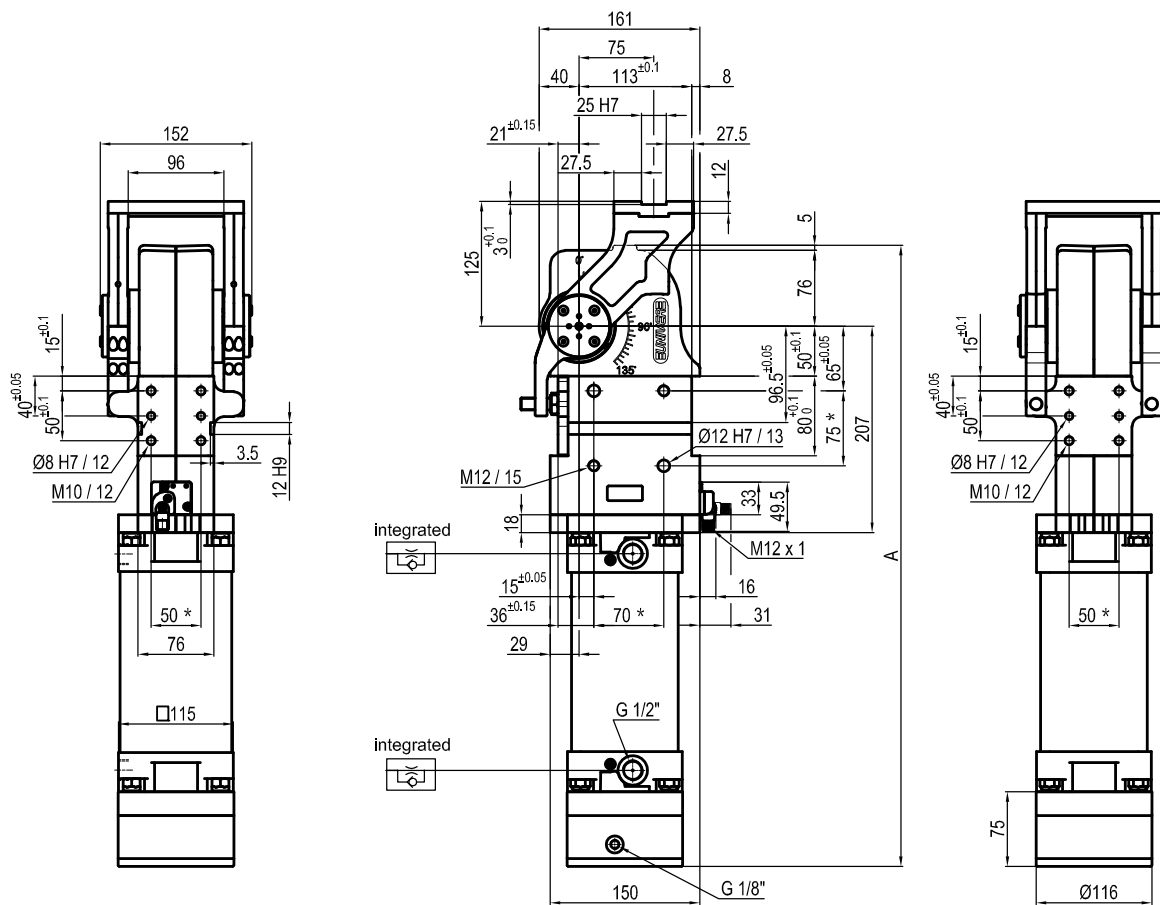
*: TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

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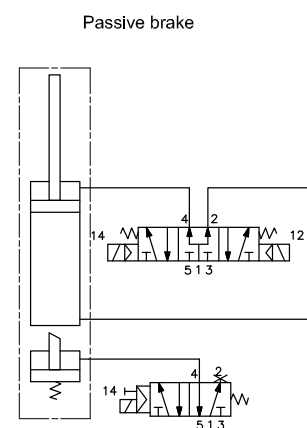
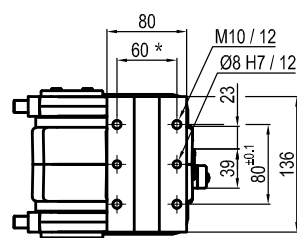
Rev. 00 18.06.19

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45°- 60°**
 Rotary table position: **Horizontal mirror of O**
 Electronic sensor with M12 swivel connector, from 0° or 90°, in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

UAGP120PK__BS0



Pivot rotation in degrees	A
45°	561.1
60°	572.6



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19 Kg

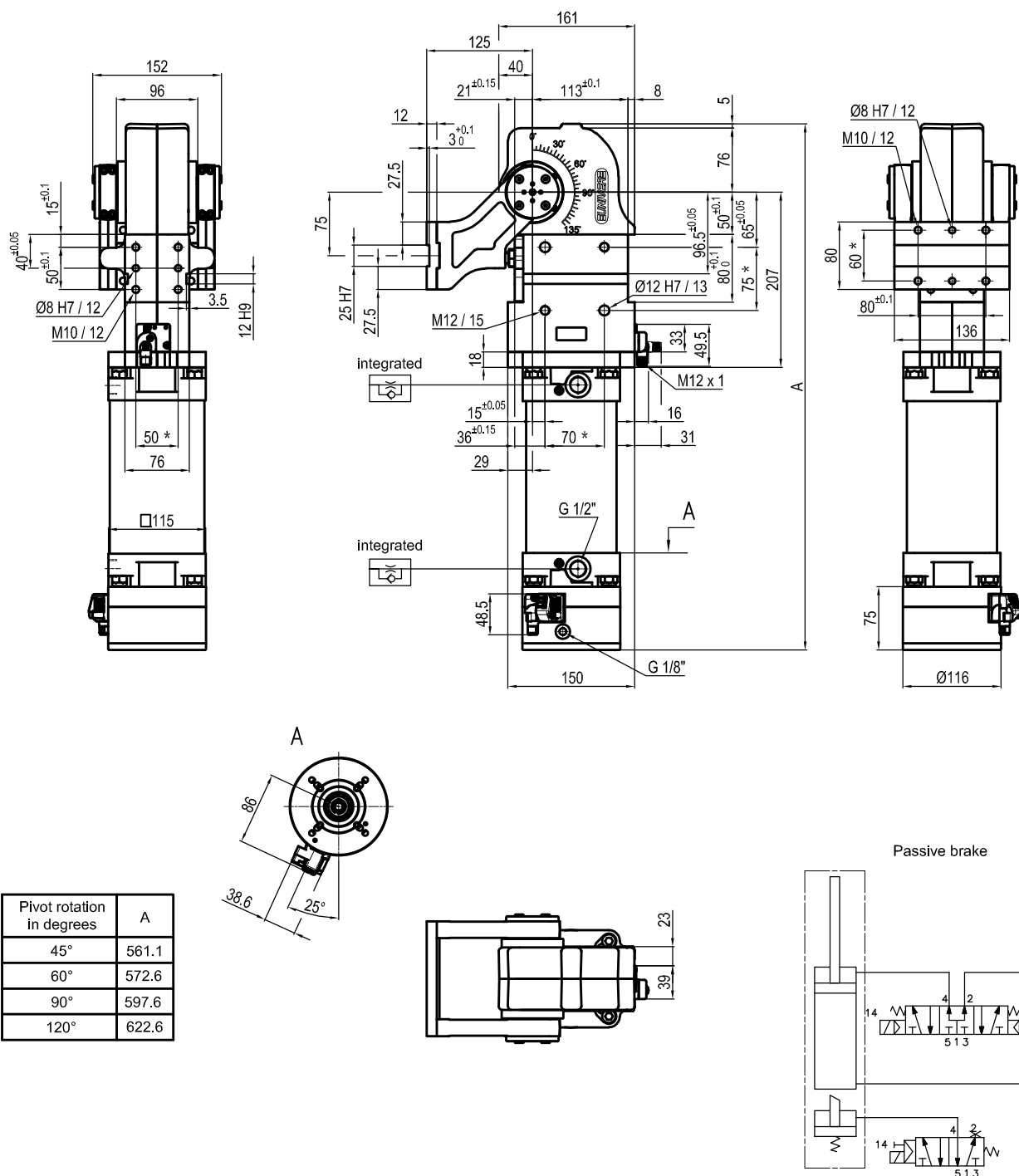
* : TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

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Rev. 00 17.09.19

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predeterminate pivot rotation in degrees: **45°- 60°**
 Rotary table position: **Horizontal mirror of O**
 Electronic sensor with M12 swivel connector, from 0° or 90°,
 in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

UAGP120VA__BS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19 Kg

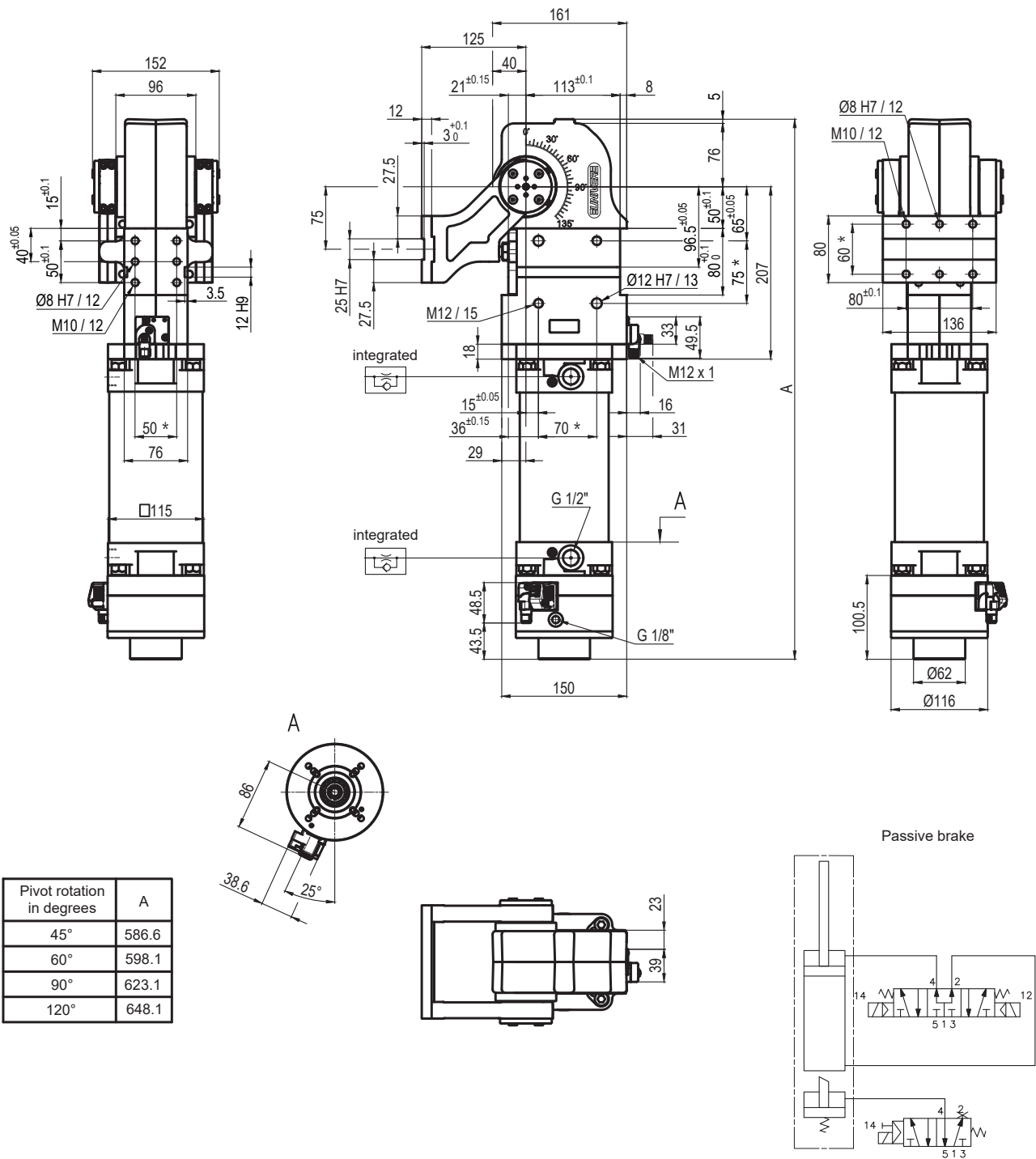
*: TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

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Rev. 00 17.09.19

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45°- 60°- 90°- 120°**
 Rotary table position: **Vertical 180°**
 Electronic sensor with M12 swivel connector, from 0° or 90°, in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

UAGP120VA__MS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19,2 Kg

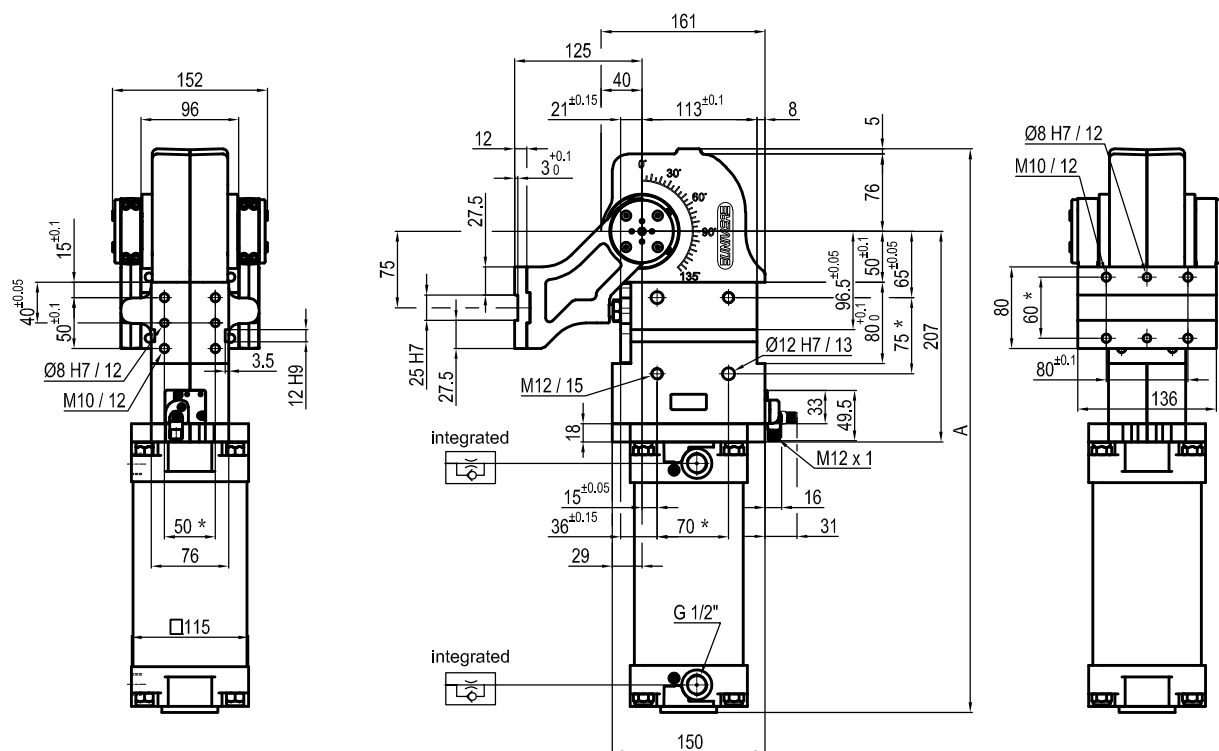
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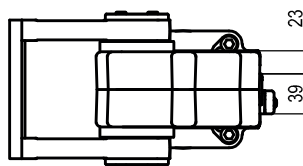
Rev. 00 18.06.19

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45°- 60°- 90°- 120°**
 Rotary table position: **Vertical 180°**
 Electronic sensor with M12 swivel connector, from 0° or 90°, in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

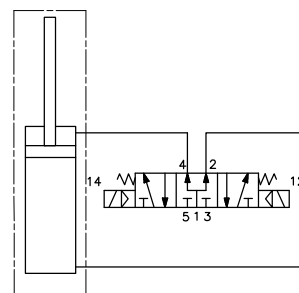
UAGP120VK__BS0



Pivot rotation in degrees	A
45°	492
60°	503.5
90°	528.5
120°	553.5



Passive brake



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	18 Kg

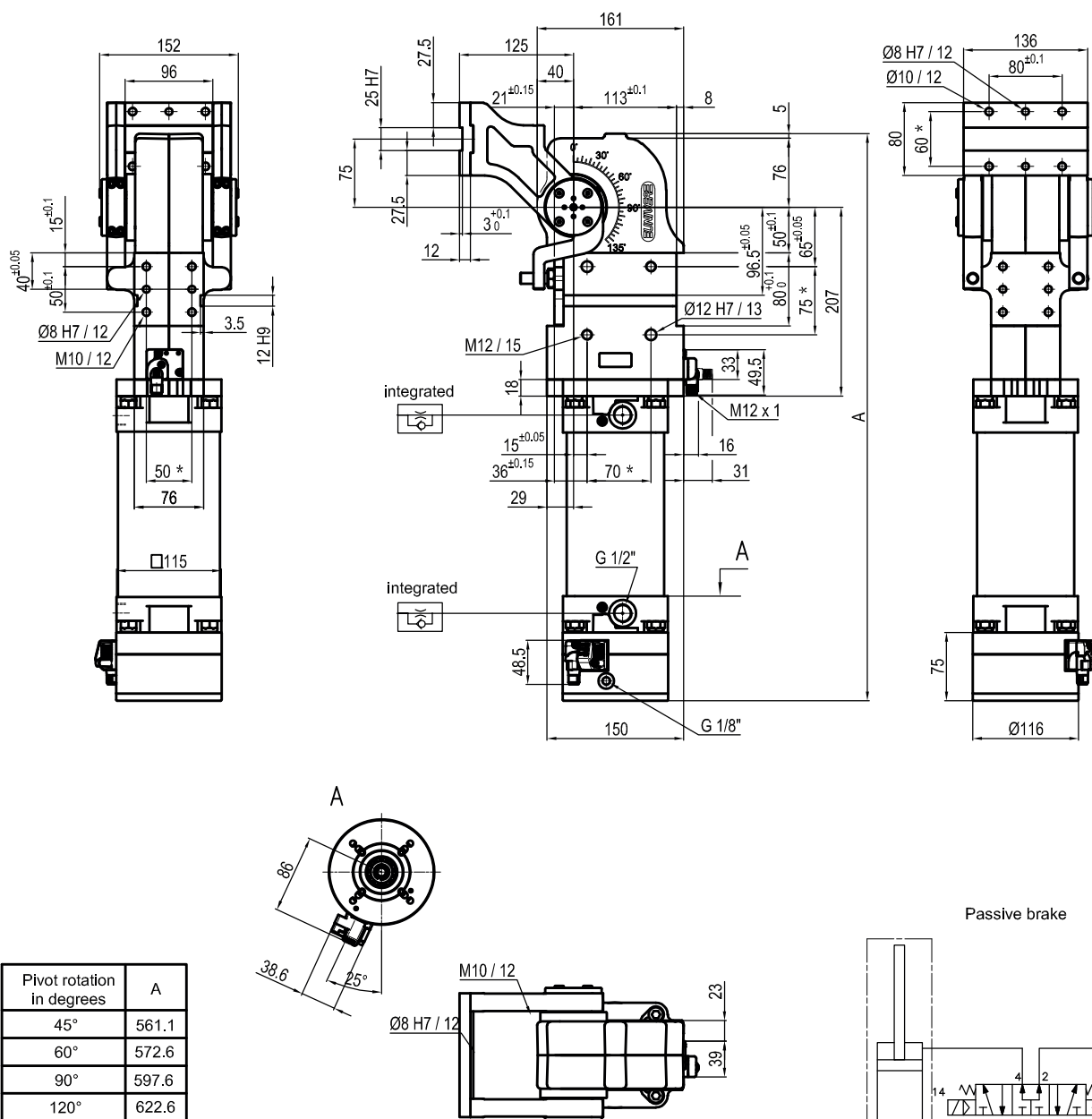
*: TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

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Rev. 00 17.09.19

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45°- 60°- 90°- 120°**
 Rotary table position: **Vertical 180°**
 Electronic sensor with M12 swivel connector, from 0° or 90°, in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

UAGP120ZA__BS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19 Kg

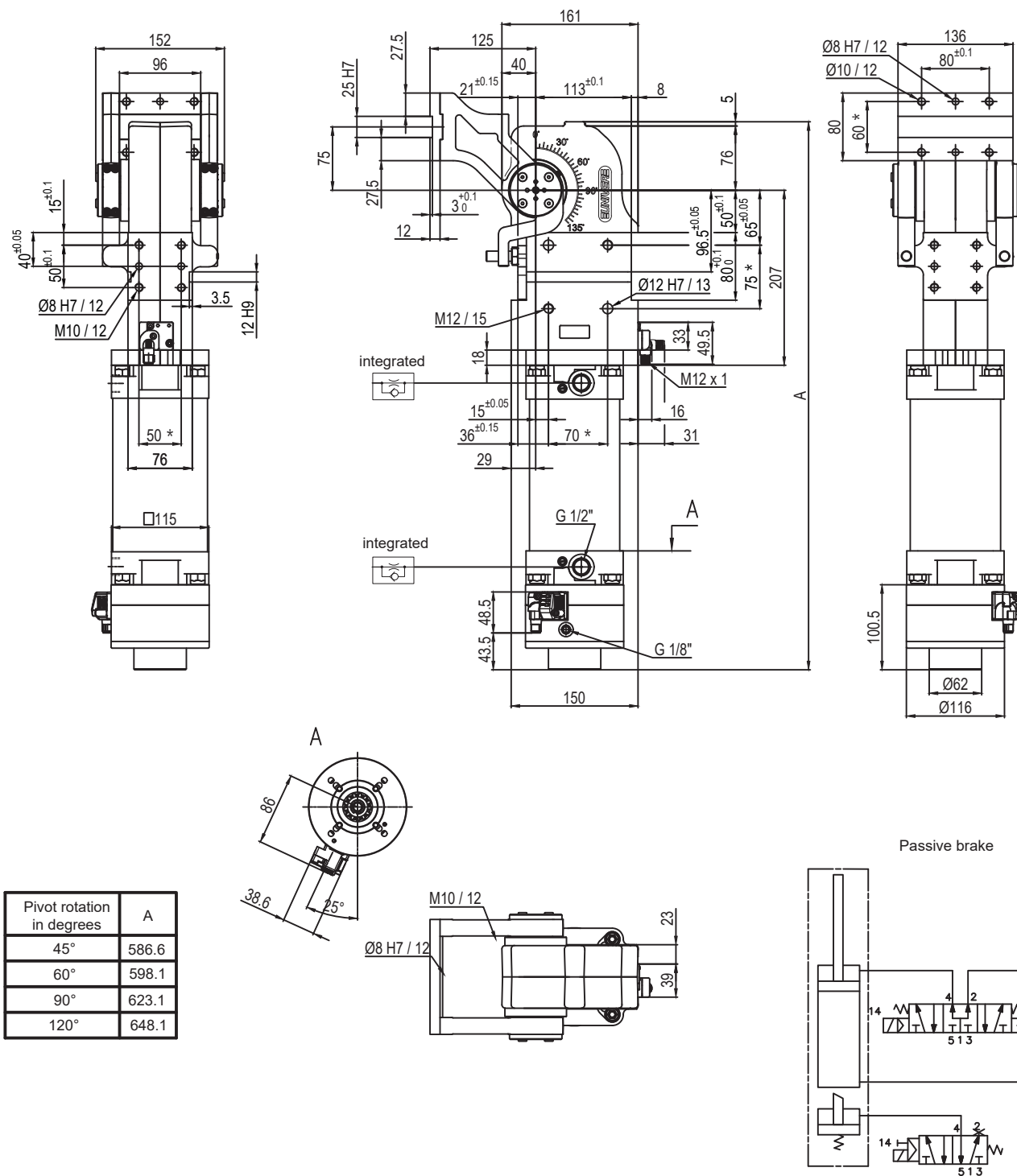
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Rev. 00 17.09.19

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45°- 60°- 90°- 120°**
 Rotary table position: **Vertical mirror of V**
 Electronic sensor with M12 swivel connector, from 0° or 90°, in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

UAGP120ZA_ _ _MS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19,2 Kg

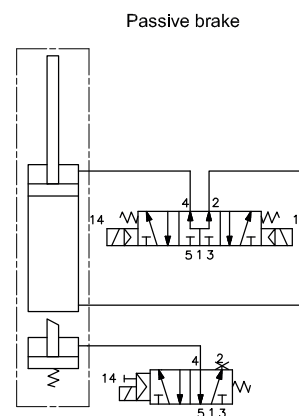
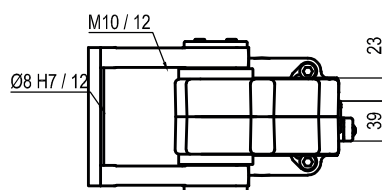
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Rev. 00 18.06.19

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45°- 60°- 90°- 120°**
 Rotary table position: **Vertical mirror of V**
 Electronic sensor with M12 swivel connector, from 0° or 90°, in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

Pivot rotation in degrees	A
45°	561.1
60°	572.6
90°	597.6
120°	622.6



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
120	4000 Nm	110 Nm	19 Kg

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45°- 60°- 90°- 120°**
 Rotary table position: **Vertical mirror of V**
 Electronic sensor with M12 swivel mirror connector, from 0° or 90°,
 in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**

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