

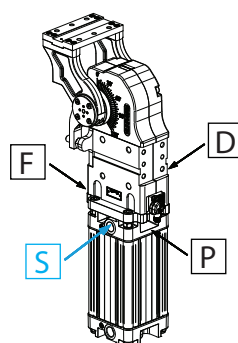
UAGP

UNICLAMP Pneumatic power pivot



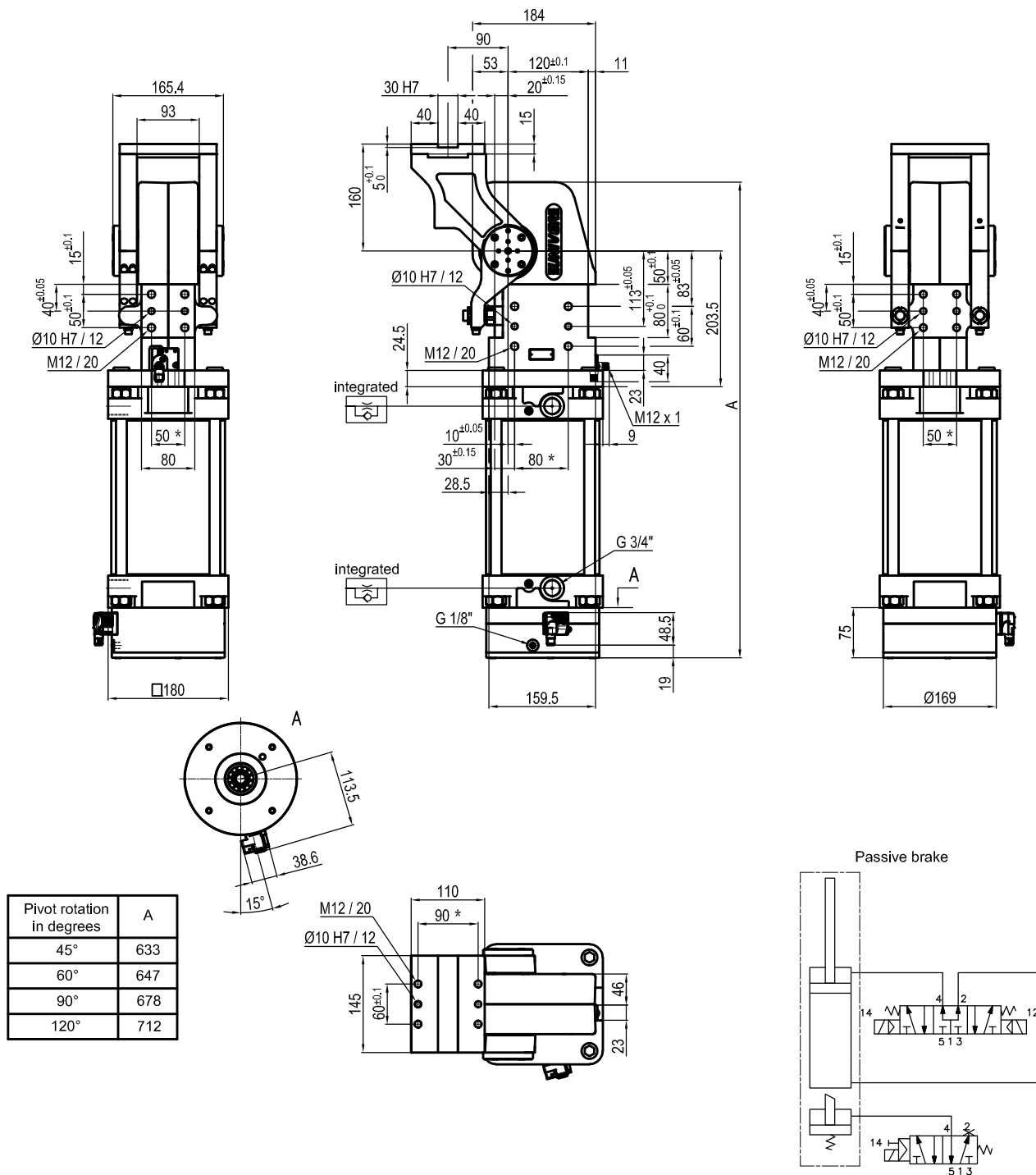
U	A	G	P	0	8	0	O	A	0	9	0	B	S	0
1	2	3	4	5	6	7	8	9						

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

UAGP300OA__BS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,5 Kg

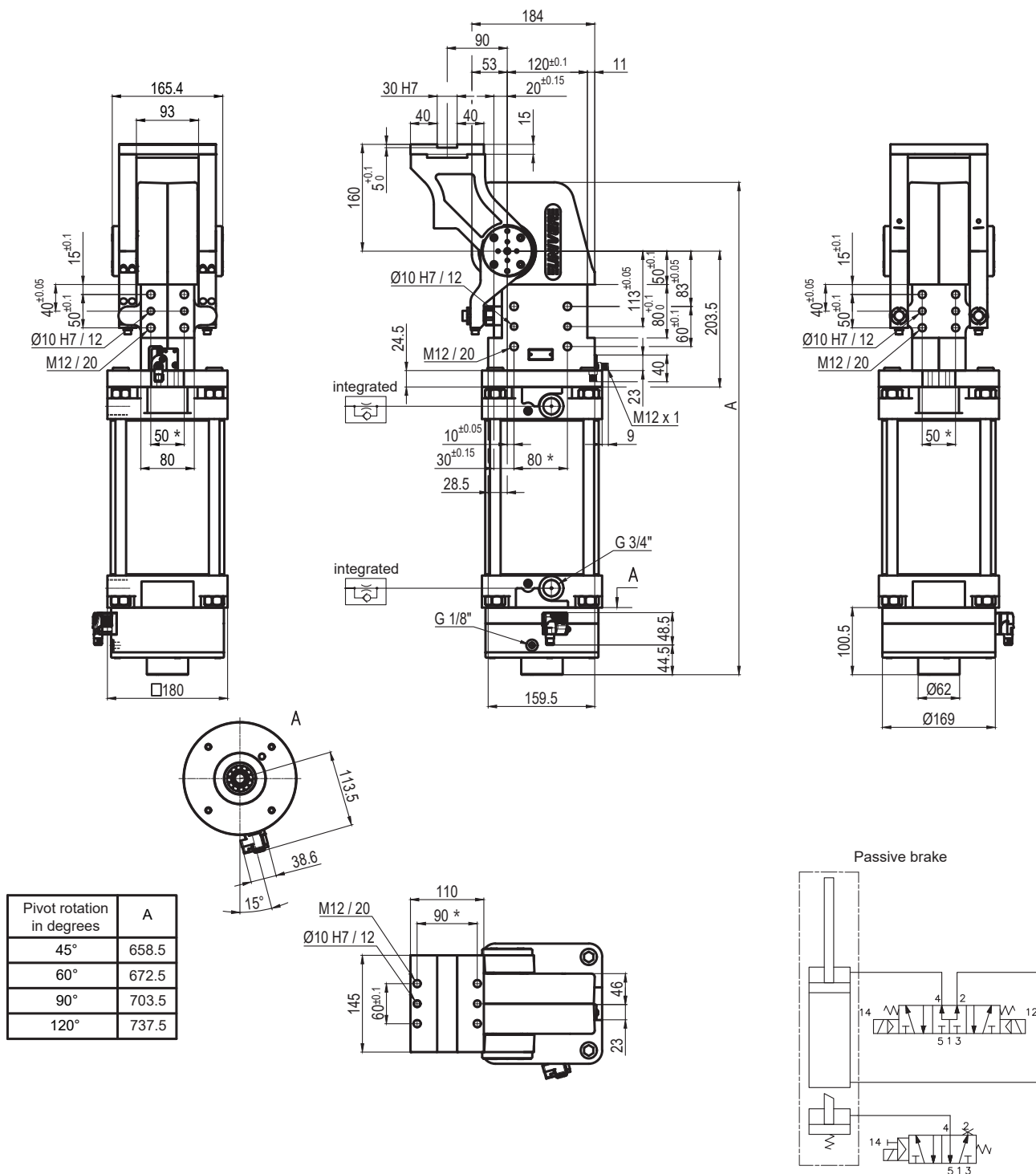
*: TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

Subject to technical modifications without notice

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: **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**

UAGP300OA__MS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,7 Kg

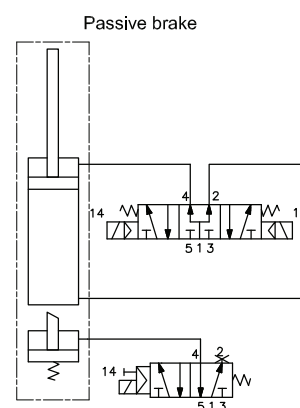
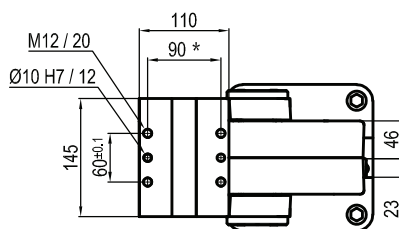
*: TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

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Rev. 00 19.06.19

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**

Pivot rotation in degrees	A
45°	633
60°	647
90°	678
120°	712

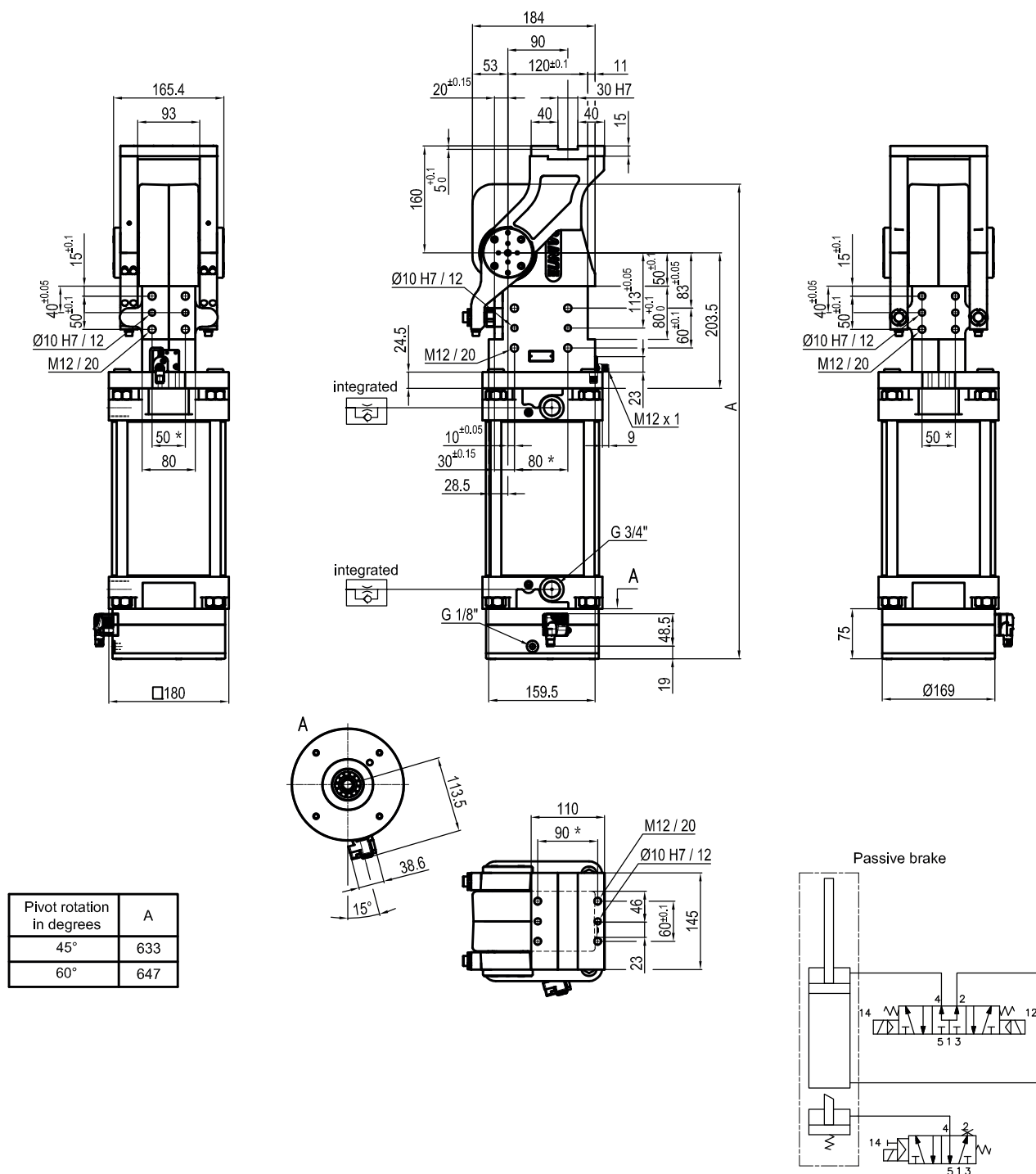


Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,5 Kg

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: **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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UAGP300PA__BS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,5 Kg

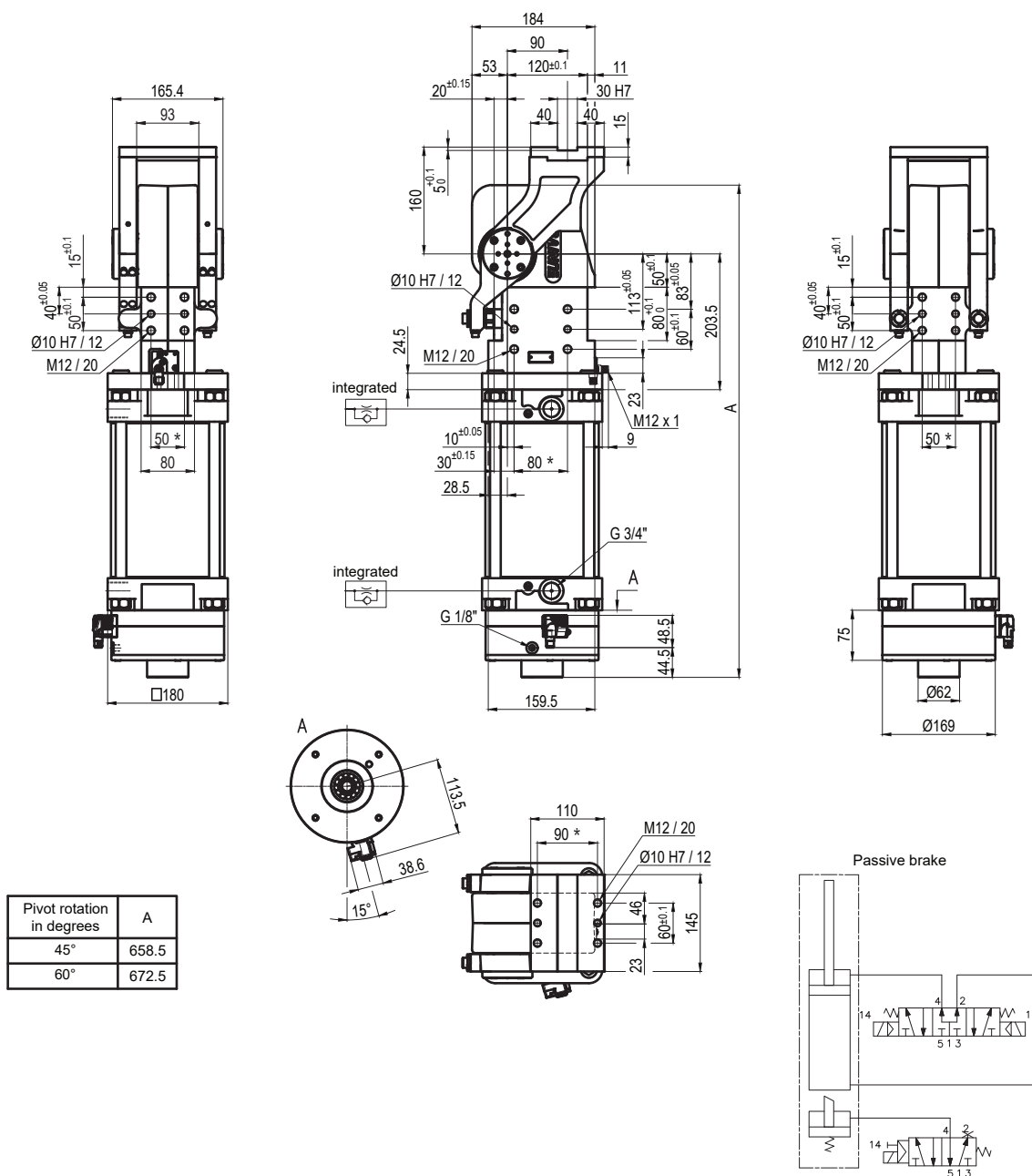
*: TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

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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°**
 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**

UAGP300PA__MS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,7 Kg

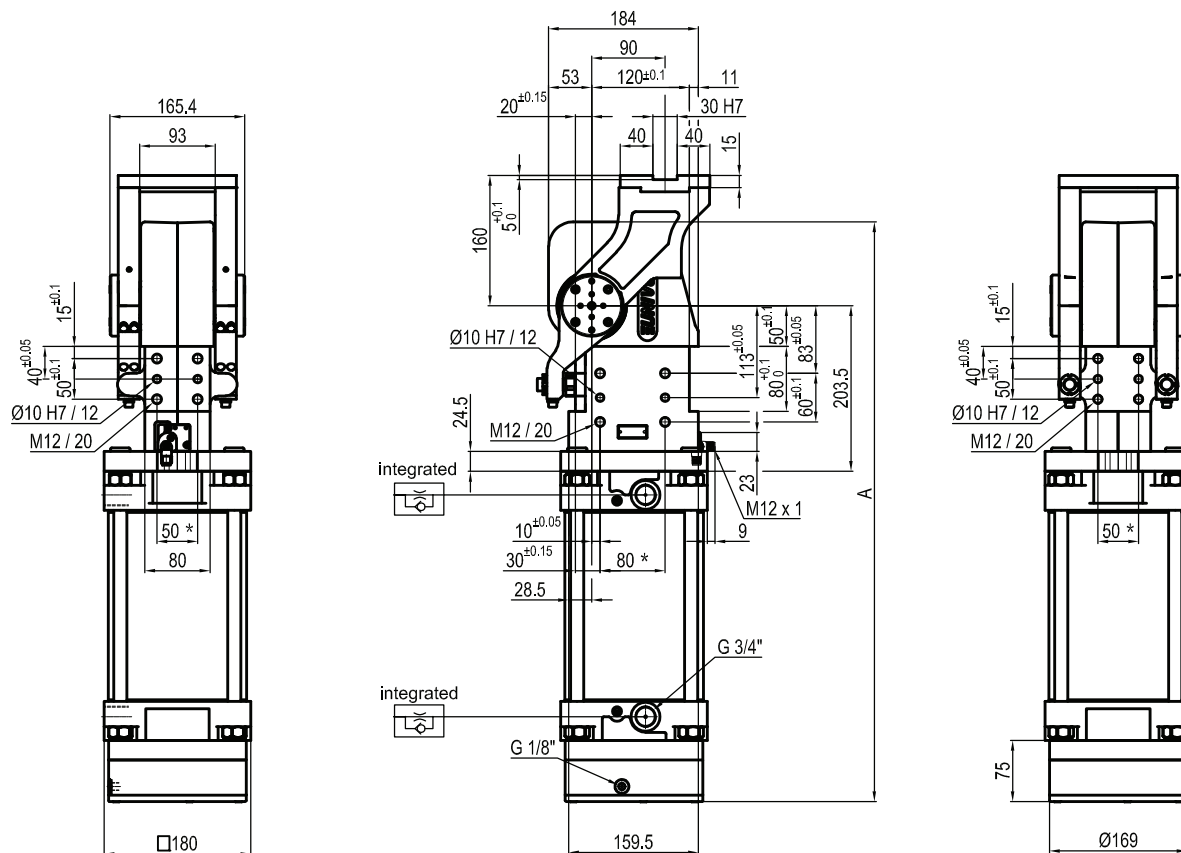
*: TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

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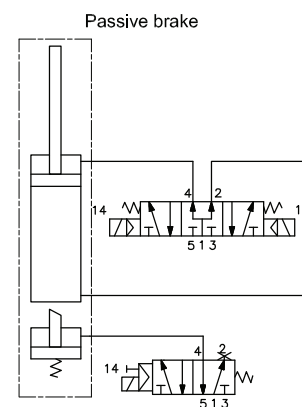
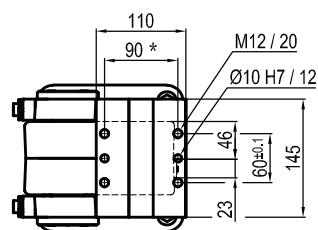
Rev. 00 19.06.19

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 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**

UAGP300PK__BS0



Pivot rotation in degrees	A
45°	633
60°	647



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,5 Kg

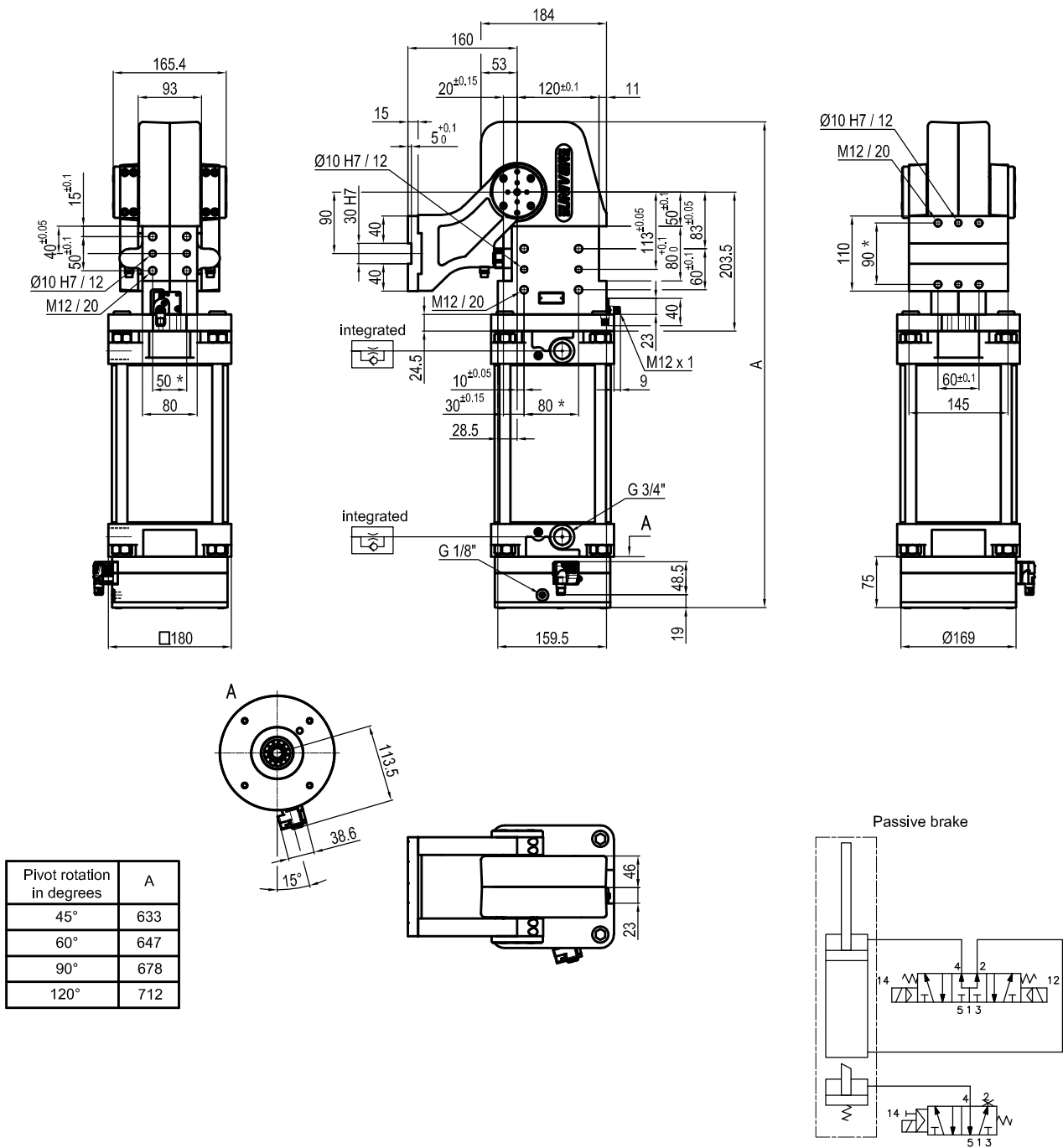
*: TOLERANCE BETWEEN DOWEL HOLES $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

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Rev. 00 18.09.19

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**

UAGP300VA__BS0



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,5 Kg

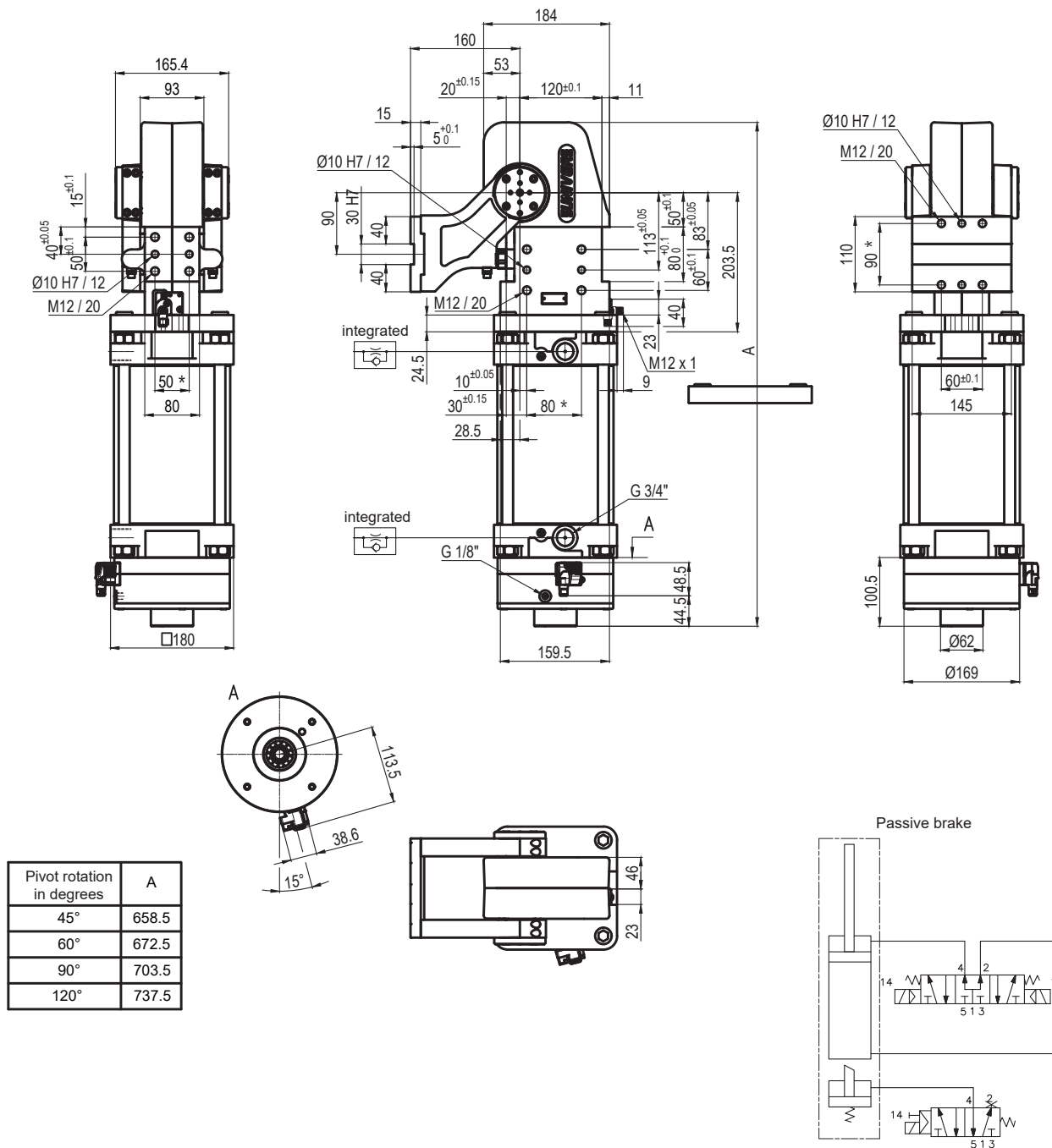
*: TOLERANCE BETWEEN DOWEL HOLES ± 0,02, BETWEEN SCREW HOLES ± 0,1

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Rev. 00 17.09.19

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 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**

UAGP300VA__MS0



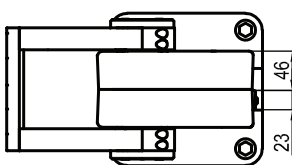
Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,7 Kg

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

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Rev. 00 19.06.19

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**



Passive brake

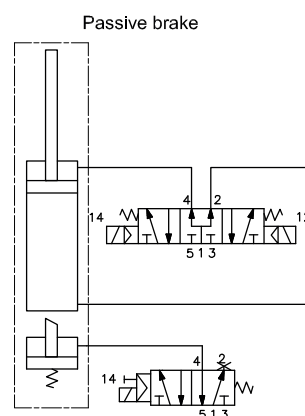
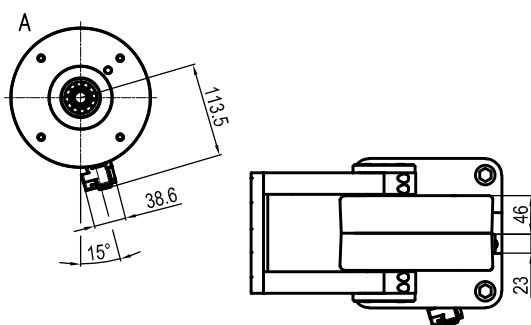
The diagram illustrates a passive brake system. On the left, a vertical assembly is shown within a dashed rectangular boundary. This assembly includes a long vertical rod passing through a piston, which is mounted on a larger cylinder. A spring is located below the piston. On the right, a horizontal hydraulic cylinder is depicted. It features two pistons. The left piston is connected to the vertical assembly's piston via a line. The right piston is connected to the vertical assembly's spring via another line. The horizontal cylinder is labeled with various numbers: 14, 4, 2, 5, 1, 3, and W. Arrows indicate the flow of fluid between the two chambers of the horizontal cylinder.

Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Rotary table position: **Vertical 180°**
 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**

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Pivot rotation in degrees	A
45°	633
60°	647
90°	678
120°	712

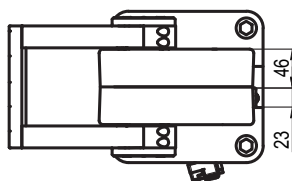
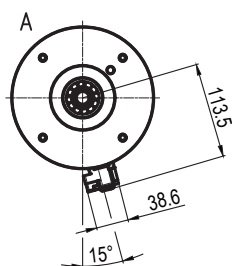
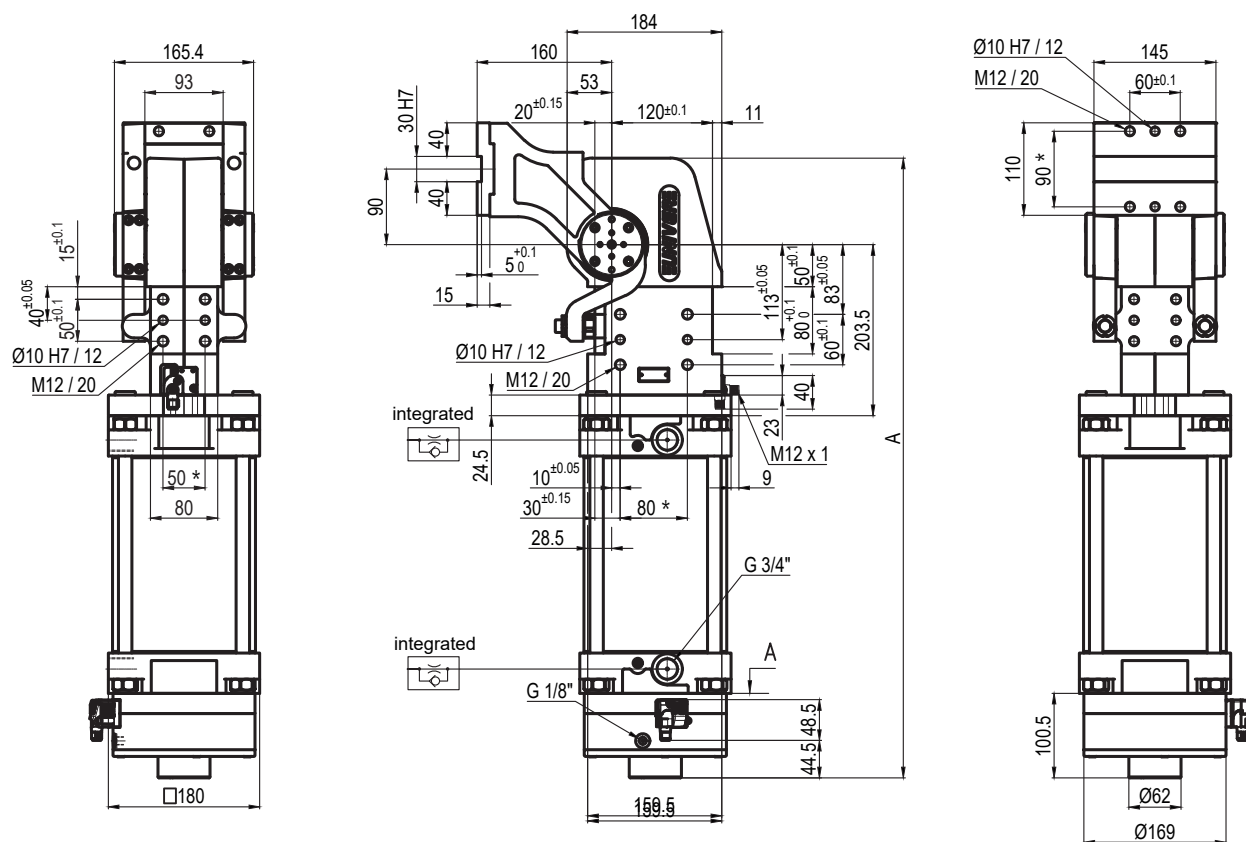


Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,5 Kg

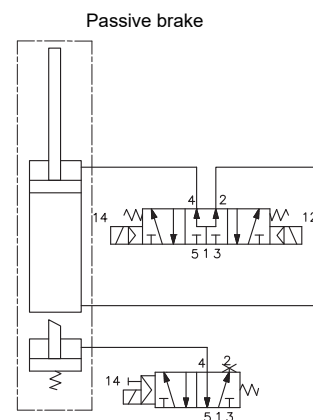
Min./Max. operating pressure: **0,4 ÷ 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45° - 60° - 90° - 120°**
 Rotary table position: **Vertical mirror of V**
 Electronic sensor with M12 swivel connector, from 0° or 90°,
 in steps of 10°
 Supply voltage: 10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

Rev. 00 17.09.19

UAGP300ZA__MS0



Pivot rotation in degrees	A
45°	658.5
60°	672.5
90°	703.5
120°	737.5



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,7 Kg

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

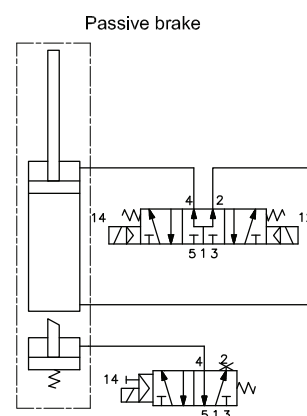
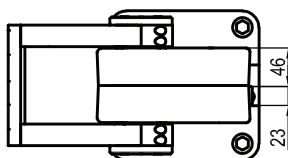
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Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Predetermine pivot rotation in degrees: **45°- 60°- 90°- 120°**
 Rotary table position: **Vertical mirror of V**
 Electronic sensor with M12 swivel connector, from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

[illegible]

Pivot rotation in degrees	A
45°	633
60°	647
90°	678
120°	712



Size	Holding moment	Max. torque at the rotary table 0,55 MPa	Weight
300	6000 Nm	300 Nm	39,5 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 connector, from 0° or 90°,
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