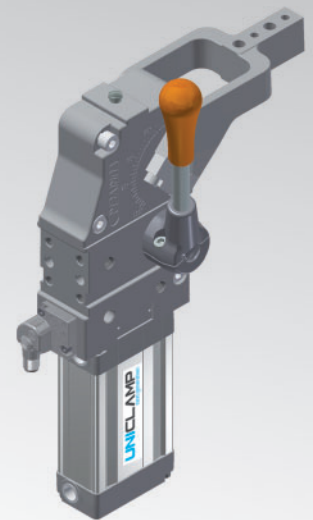


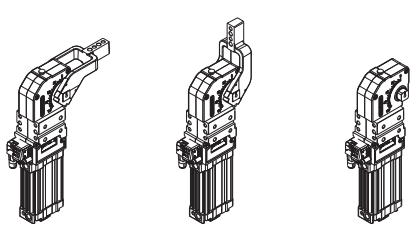
UCBM50

UNICLAMP Power clamp with hand lever



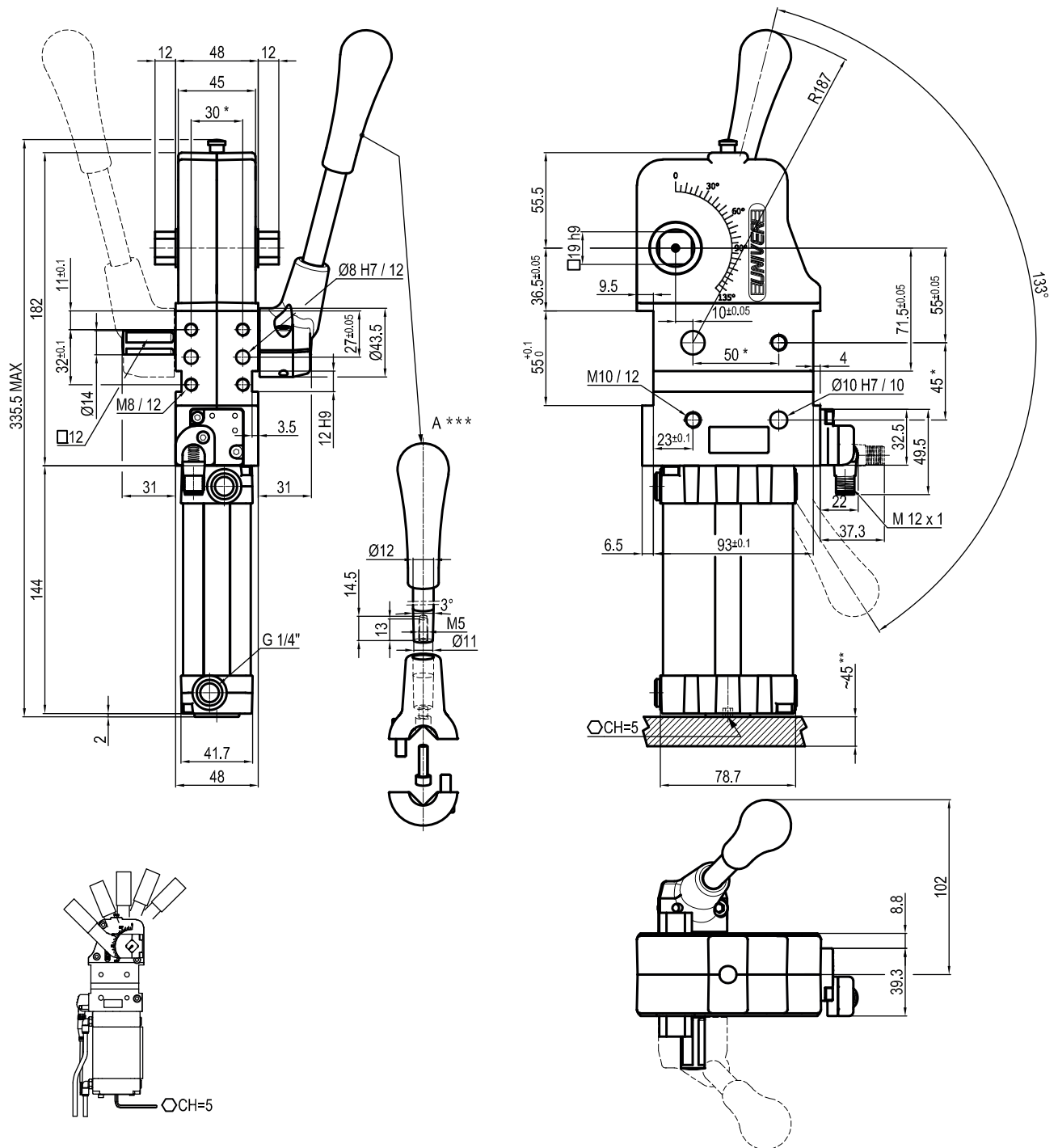
U	C	B	M	5	0	O	E	A	K	0
1	2	3	4	5	6	7	8	9		

1 Series	2 Standard	3 Version	4 Size
UC = UNICLAMP Power clamp fully adjustable opening angle: 0° to 135° Max The opening angle range may vary according to the arm position and style	B = European standard	M = Pneumatic with hand lever	50 = Ø 50 mm

5 Arm position	6 Arm style
V = 90° O = 180° N = No arm 	C = Central, 15 mm Offset * = Available upon request D = Right, 15 mm Offset S = Left, 15 mm Offset E = Central, 45mm Offset F = Right, 45mm Offset L = Left, 45mm Offset X* = Central, oversized dowel holes Ø 8 H7, 15 mm Offset Y* = Right, oversized dowel holes Ø 8 H7, 15 mm Offset Z* = Left, oversized dowel holes Ø 8 H7, 15 mm Offset T* = Central, oversized dowel holes Ø 8 H7, 45 mm Offset U* = Right, oversized dowel holes Ø 8 H7, 45 mm Offset V* = Left, oversized dowel holes Ø 8 H7, 45 mm Offset N = No arm

7 Arm type	8 Sensor	9 Product revision
A = Aluminum S = Steel N = No arm	N = No sensor (with protection plate) K = Electronic sensor PNP (optical) (DF-K) D = Pneumatic sensor J = Electronic sensor NPN (optical) (DF-J) Y = Electronic sensor PNP (optical) (DF-Y) white led	Assigned by UNIVER

UCBM50NNK0



Bore Ø	Holding moment	Clamping moment (0,5 MPa)	Weight (clamping arm not included)
50 mm	1250 Nm	280 Nm	3,2 Kg

* : TOLERANCE BETWEEN DOWELS $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$
 ** : AREA TO ACCESS ANGLE ADJUSTMENT
 *** : DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

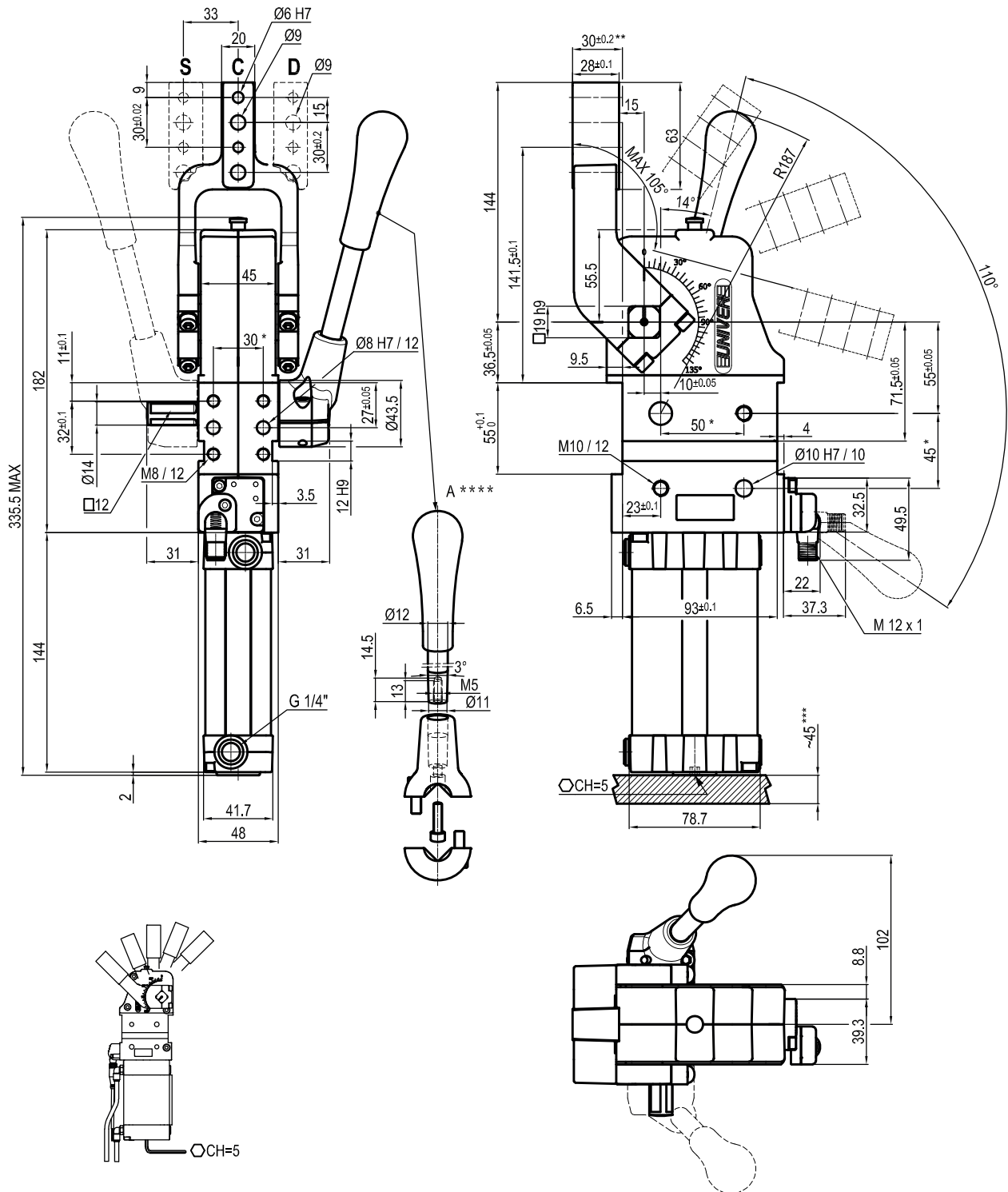
Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Opening angle: **adjustable**
 Without arm
 With hand lever
 Electronic sensor with M12 swivel connector, from 0° to 90°, in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**
 Pneumatic ports on both sides

Subject to technical modifications without notice

Rev. 02 26.01.22

UCBM500 __K0

15 mm



Bore Ø	Holding moment	Clamping moment (0,5 MPa)	Weight (clamping arm not included)
50 mm	1250 Nm	280 Nm	3,2 Kg

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

 Operating temperature: **5° ÷ 45° C**

 Opening angle: **adjustable from 0° to 105°**

 Arm position: **180°**

With hand lever

Electronic sensor with M12 swivel connector, from 0° to 90°,

in steps of 10°

Supply voltage: 10 ÷ 30 Vdc

 IP code: **IP 65**

Pneumatic ports on both sides

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

**: TOLERANCE AT 80 mm FROM PIVOT POINT

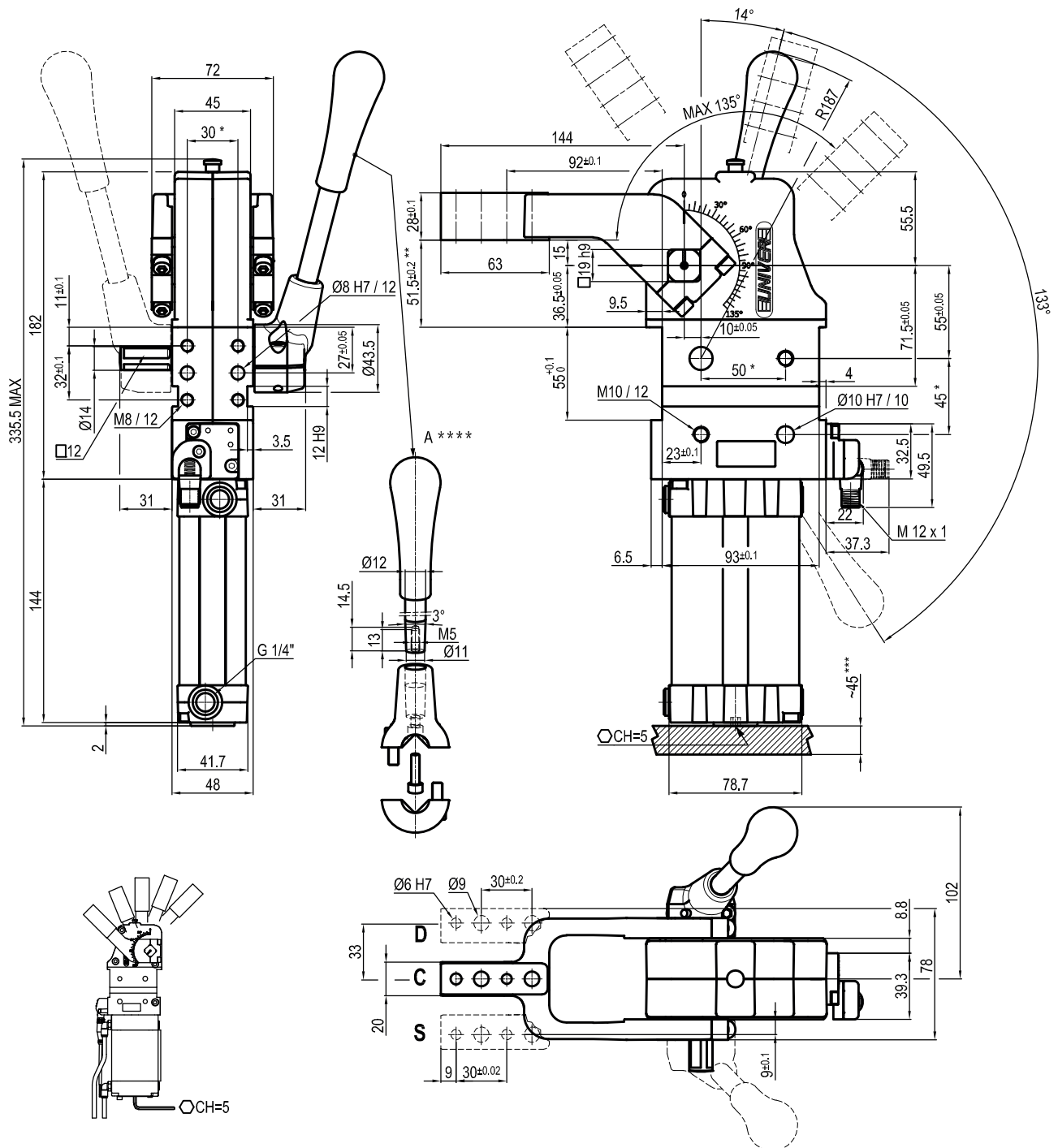
***: AREA TO ACCESS ANGLE ADJUSTMENT

****: DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

Subject to technical modifications without notice

UCBM50V__K0

15 mm



Bore Ø	Holding moment	Clamping moment (0,5 MPa)	Weight (clamping arm not included)
50 mm	1250 Nm	280 Nm	3,2 Kg

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

 Operating temperature: **5° ÷ 45° C**

 Opening angle: **adjustable from 0° to 135°**

 Arm position: **90°**

With hand lever

Electronic sensor with M12 swivel connector, from 0° to 90°,

in steps of 10°

Supply voltage: 10 ÷ 30 Vdc

 IP code: **IP 65**

Pneumatic ports on both sides

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

**: TOLERANCE AT 80 mm FROM PIVOT POINT

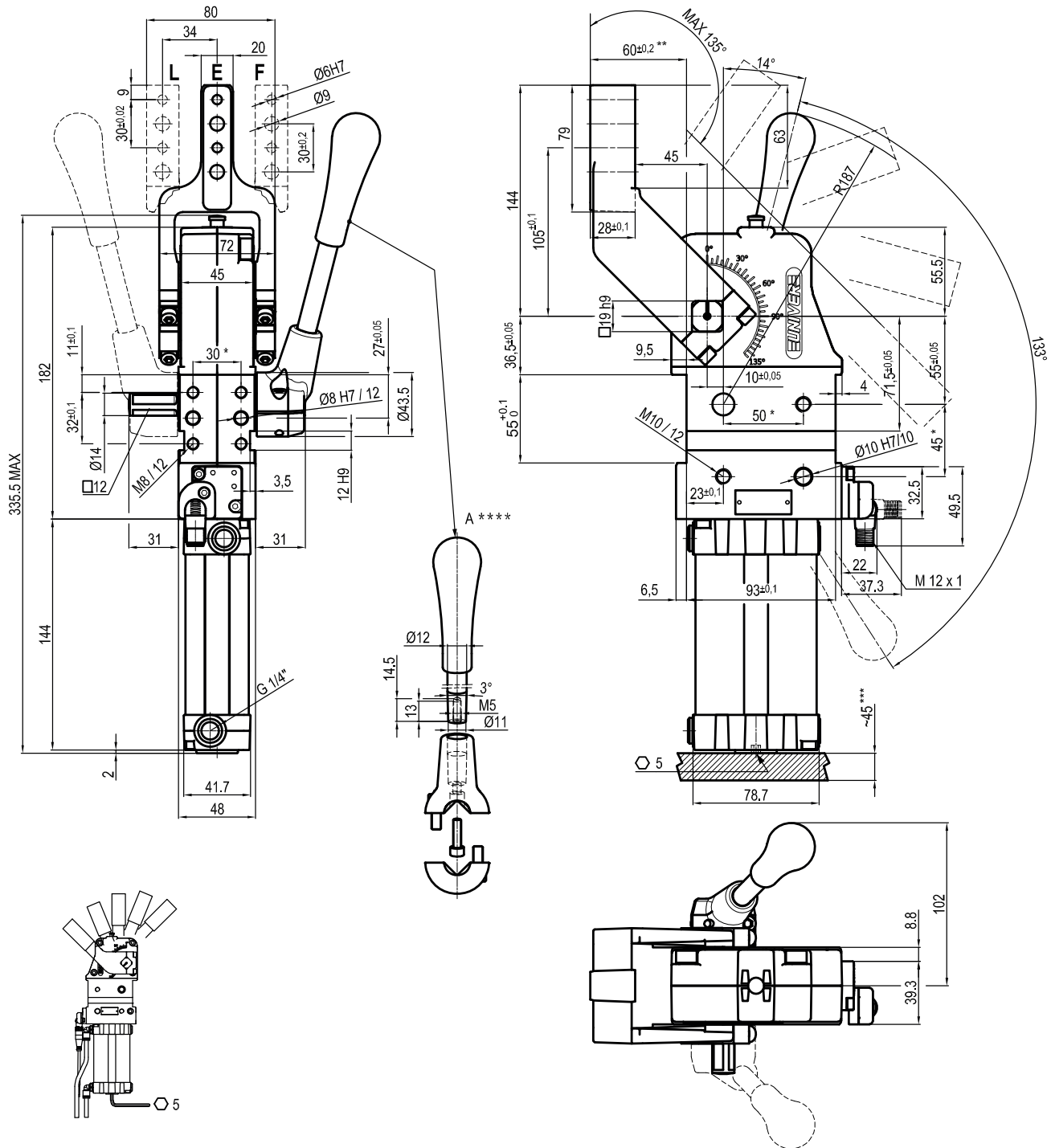
***: AREA TO ACCESS ANGLE ADJUSTMENT

****: DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

Subject to technical modifications without notice

UCBM500__K0

45 mm



Bore Ø	Holding moment	Clamping moment (0,5 MPa)	Weight (clamping arm not included)
50 mm	1250 Nm	280 Nm	3,2 Kg

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

 Operating temperature: **5° ÷ 45° C**

 Opening angle: **adjustable from 0° to 135°**

 Arm position: **180°**

With hand lever

Electronic sensor with M12 swivel connector, from 0° to 90°,

in steps of 10°

Supply voltage: 10 ÷ 30 Vdc

 IP code: **IP 65**

Pneumatic ports on both sides

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

**: TOLERANCE AT 80 mm FROM PIVOT POINT

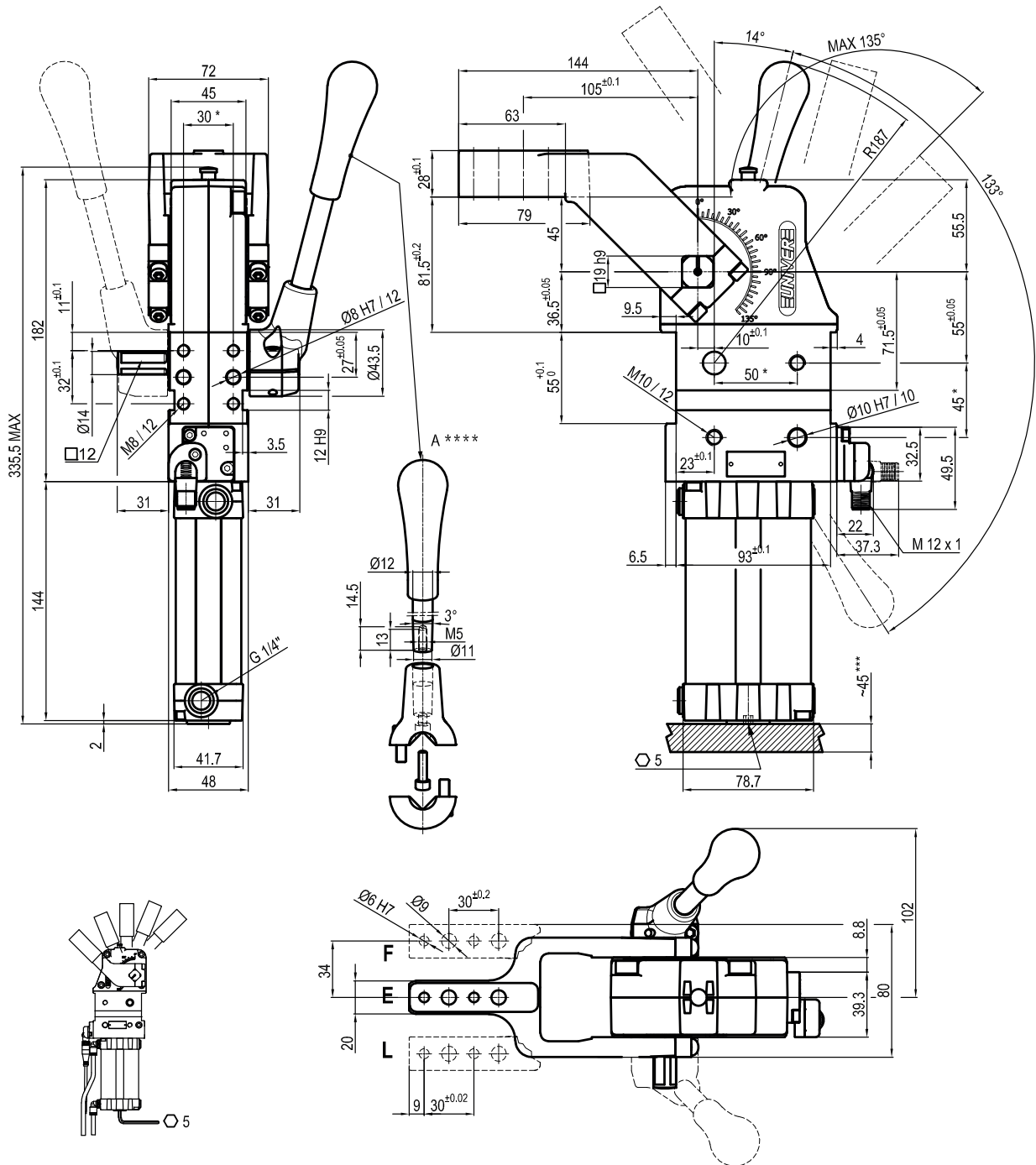
***: AREA TO ACCESS ANGLE ADJUSTMENT

****: DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

Subject to technical modifications without notice

UCBM50V__K0

45 mm



Bore Ø	Holding moment	Clamping moment (0,5 MPa)	Weight (clamping arm not included)
50 mm	1250 Nm	280 Nm	3,2 Kg

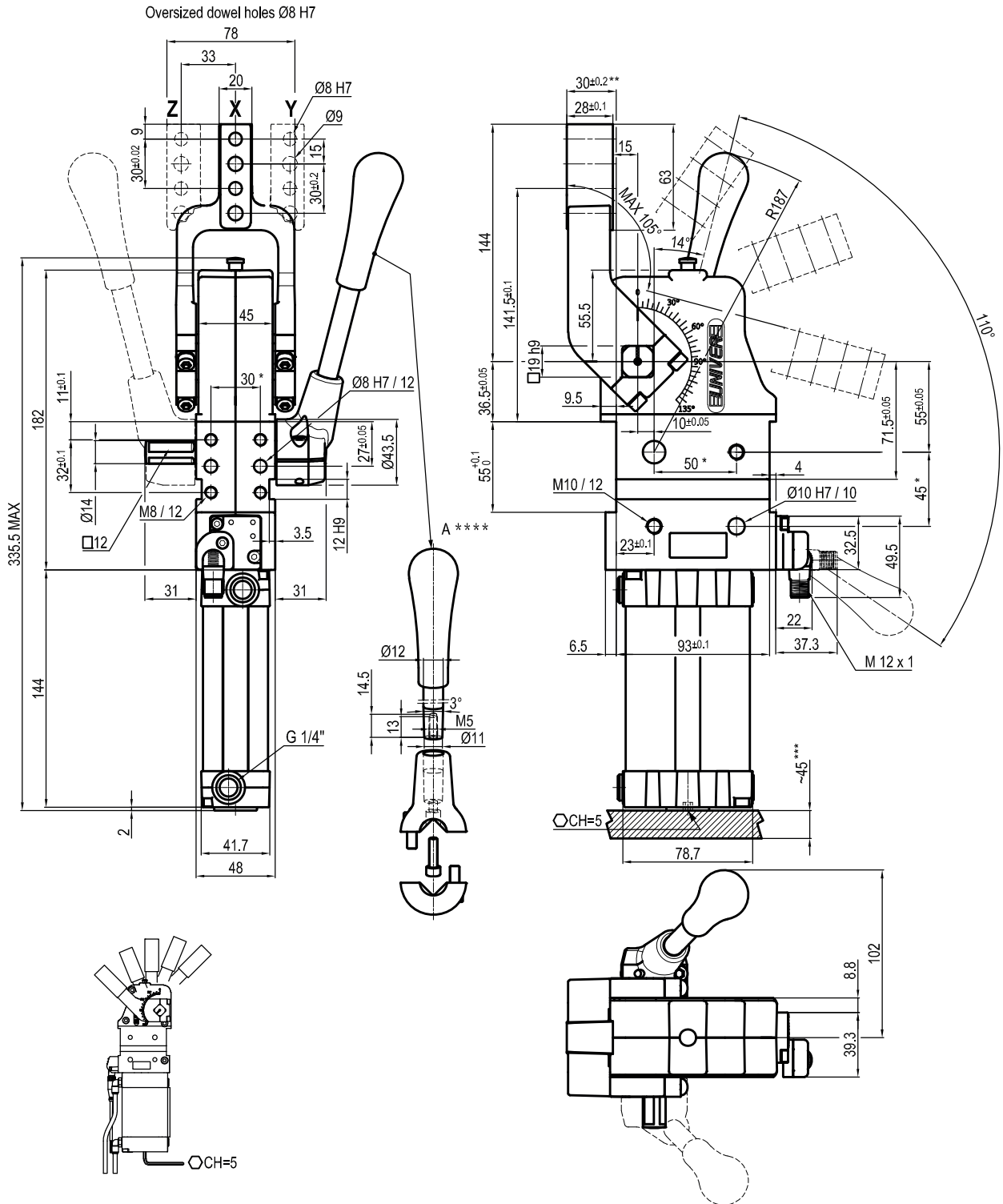
Min./Max. operating pressure: **0,4 / 0,6 MPa**
 Operating temperature: **5° ÷ 45° C**
 Opening angle: **adjustable from 0° to 135°**
 Arm position: **90°**
 With hand lever
 Electronic sensor with M12 swivel connector, from 0° to 90°, in steps of 10°
 Supply voltage: 10 ÷ 30 Vdc
 IP code: **IP 65**
 Pneumatic ports on both sides

* : TOLERANCE BETWEEN DOWELS ± 0,02, BETWEEN SCREW HOLES ± 0,1
 ** : TOLERANCE AT 80 mm FROM PIVOT POINT
 *** : AREA TO ACCESS ANGLE ADJUSTMENT
 **** : DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

Subject to technical modifications without notice

UCBM500 __K0

oversized dowel holes - 15 mm



Bore \varnothing	Holding moment	Clamping moment (0,5 MPa)	Weight (clamping arm not included)
50 mm	1250 Nm	280 Nm	3,2 Kg

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

 Operating temperature: **5° ÷ 45° C**

 Opening angle: **adjustable from 0° to 105°**

 Arm position: **180°**

With manual lever

Electronic sensor with M12 swivel connector, from 0° to 90°,

in steps of 10°

Supply voltage: 10 ÷ 30 Vdc

 IP code: **IP 65**

Pneumatic ports on both sides

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

**: TOLERANCE AT 80 mm FROM PIVOT POINT

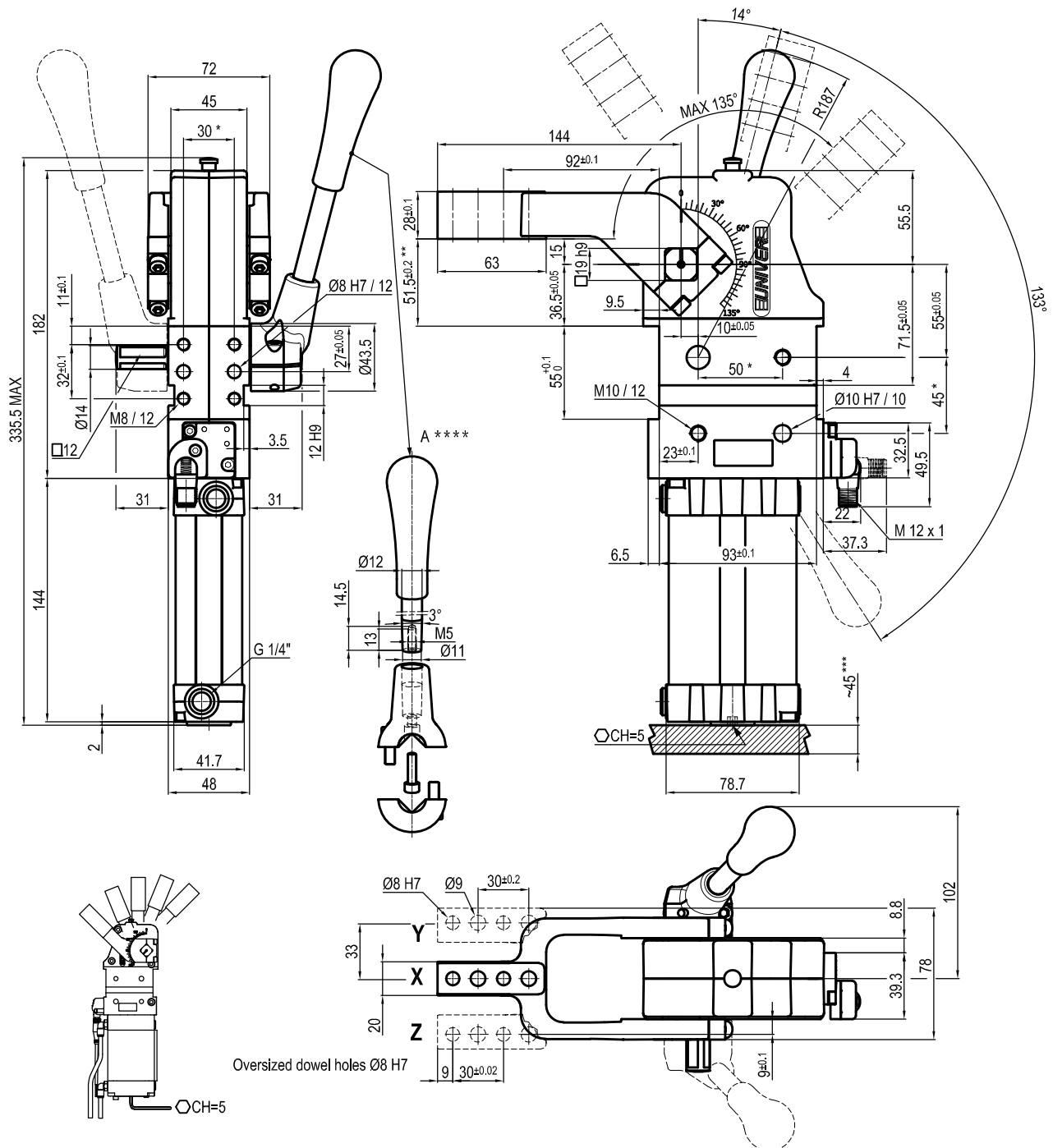
***: AREA TO ACCESS ANGLE ADJUSTMENT

****: DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

Subject to technical modifications without notice

UCBM50V__K0

oversized dowel holes - 15 mm



Bore Ø	Holding moment	Clamping moment (0,5 MPa)	Weight (clamping arm not included)
50 mm	1250 Nm	280 Nm	3,2 Kg

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

 Operating temperature: **5° + 45° C**

 Opening angle: **adjustable from 0° to 135°**

 Arm position: **90°**

With manual lever

Electronic sensor with M12 swivel connector, from 0° to 90°,

in steps of 10°

Supply voltage: 10 ÷ 30 Vdc

 IP code: **IP 65**

Pneumatic ports on both sides

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

**: TOLERANCE AT 80 mm FROM PIVOT POINT

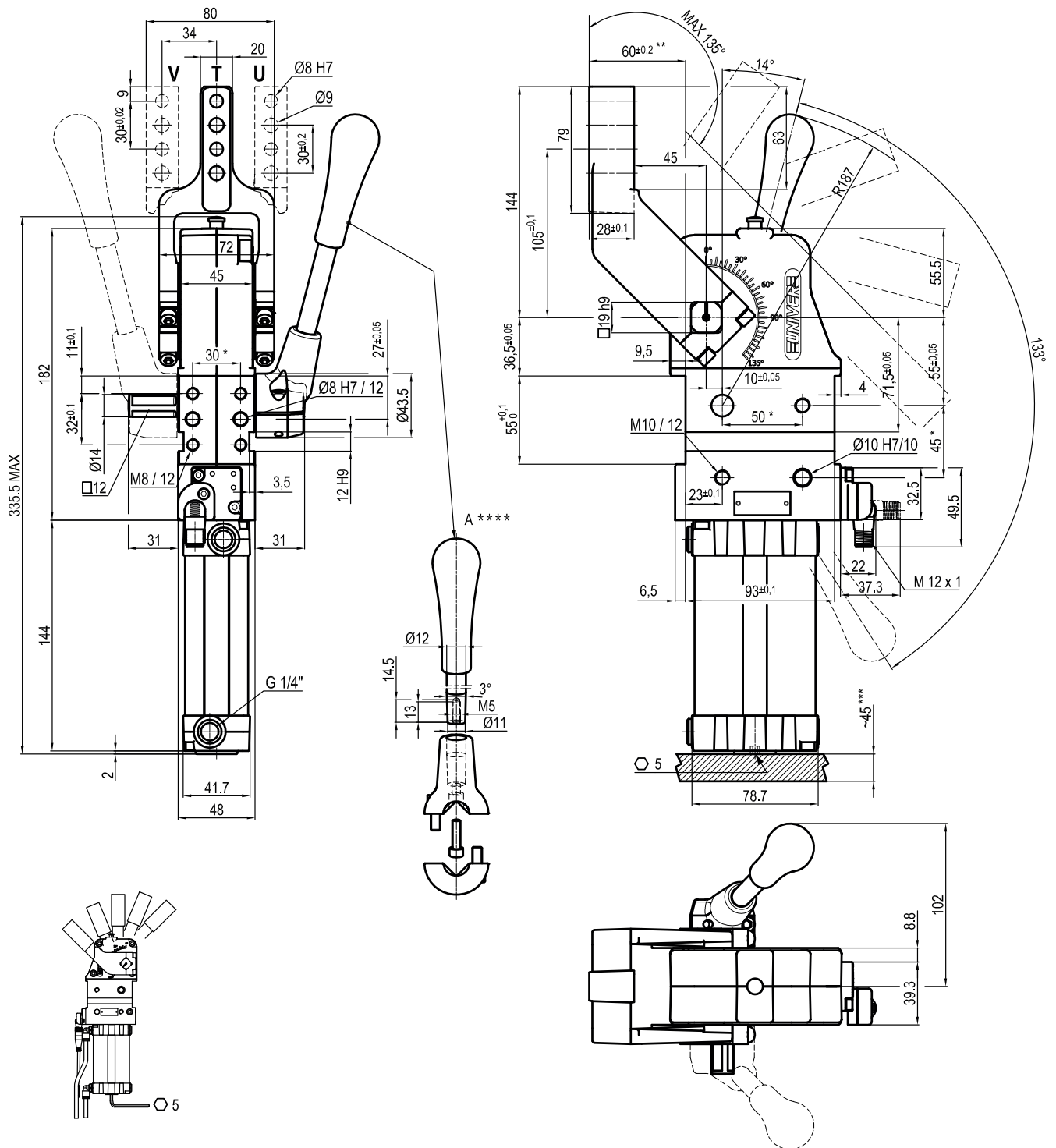
***: AREA TO ACCESS ANGLE ADJUSTMENT

****: DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

Subject to technical modifications without notice

UCBM500__K0

oversized dowel holes - 45 mm



Bore Ø	Holding moment	Clamping moment (0,5 MPa)	Weight (clamping arm not included)
50 mm	1250 Nm	280 Nm	3,2 Kg

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

 Operating temperature: **5° ÷ 45° C**

 Opening angle: **adjustable from 0° to 135°**

 Arm position: **180°**

With manual lever

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

Supply voltage: 10 ÷ 30 Vdc

 IP code: **IP 65**

Pneumatic ports on both sides

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

**: TOLERANCE AT 80 mm FROM PIVOT POINT

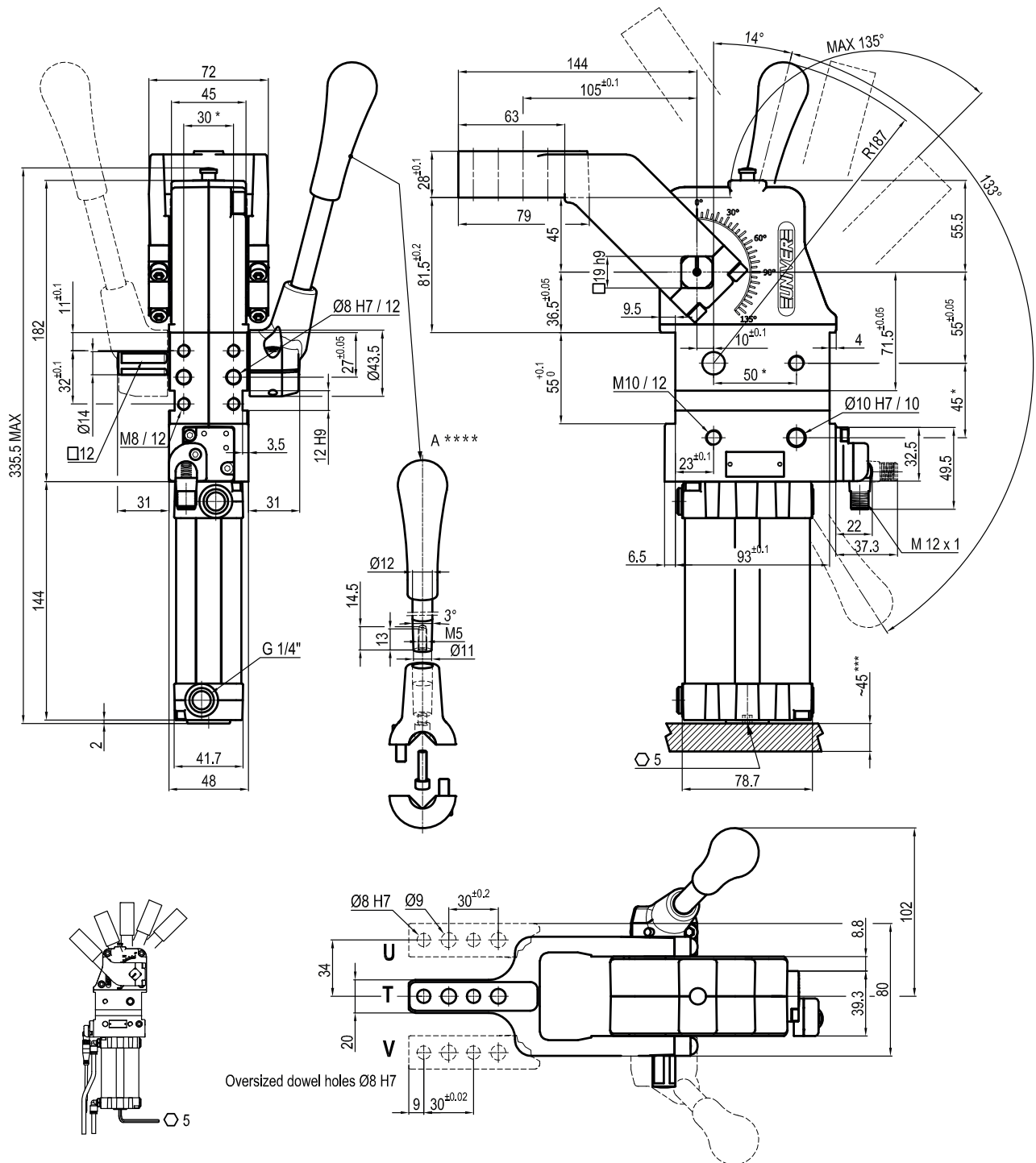
***: AREA TO ACCESS ANGLE ADJUSTMENT

****: DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

Subject to technical modifications without notice

UCBM50V__K0

oversized dowel holes - 45 mm



Bore Ø	Holding moment	Clamping moment (0,5 MPa)	Weight (clamping arm not included)
50 mm	1250 Nm	280 Nm	3,2 Kg

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

 Operating temperature: **5° ÷ 45° C**

 Opening angle: **adjustable from 0° to 135°**

 Arm position: **90°**

With manual lever

Electronic sensor with M12 swivel connector, from 0° to 90°,

in steps of 10°

Supply voltage: 10 ÷ 30 Vdc

 IP code: **IP 65**

Pneumatic ports on both sides

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

**: TOLERANCE AT 80 mm FROM PIVOT POINT

***: AREA TO ACCESS ANGLE ADJUSTMENT

****: DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

Subject to technical modifications without notice