UAGP 120

Pneumatic power pivot 110 Nm with brake

Pneumatic power pivot with brake typically used to rotate and dump fixtures and parts in a desired position.

- High repeatability
- Mechanical stops
- Integrated flow control system
- Double pneumatic cushioning
- Fixing ports on 4 sides
- Tapered roller bearings to support heavy load
- Orientable table in 4 pre-set positions
- Version with sensor on the brake available

OPTICAL SENSOR

FLOW CONTROL SYSTEM

HIGH REPEATABILITY

CHARACTERISTICS

Operating temperature	**5° ÷ 45° C**
Min./Max. Operating pressure	**0,4 / 0,6 MPa**
Bore Ø	**100 mm**
Pivot rotation	**45°/60°/90°/120°**
Holding moment	**4000 Nm**
Max. torque at rotary table (0,55MPa)	**110 Nm**
Weight	**19 kg**
Pneumatic supply ports	**G1/2**
Body sensor	**electronic (optical)**
Brake sensor	**electronic**
Supply voltage	**10 ÷ 30 Vdc**
IP code	**IP 65**

CODIFICATION KEY

UAG	P	120	O	A	090	B	S	0		
1	2	3	4	5	6	7	8	9	10	

1 SERIES
UAG = UNICLAMP Power pivot

2 VERSION
P = Pneumatic

3 SIZE
120 = 110 Nm Ø 100 mm

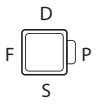
4 TABLE POSITION
O = Horizontal 90°
P = Horizontal mirror of "**O**"*
V = Vertical 180°
Z = Vertical mirror of "**V**"
*Max opening angle 60°

5 SENSOR
N = No sensor (with protection plate)
K = Electronic sensor PNP, M12 (DF-K)
Y = Electronic sensor PNP, M12 (DF-Y) white LED
J = Electronic sensor NPN, M12 (DF-J)
A = Electronic sensor PNP, optical for opening angle, M12 (DF-K) + brake sensor (DF-S)

6 PIVOT ROTATION
120 = 120°
090 = 90°
060 = 60°
045 = 45°

7 BRAKE SYSTEM
B = With brake
M = With brake and manual unlock

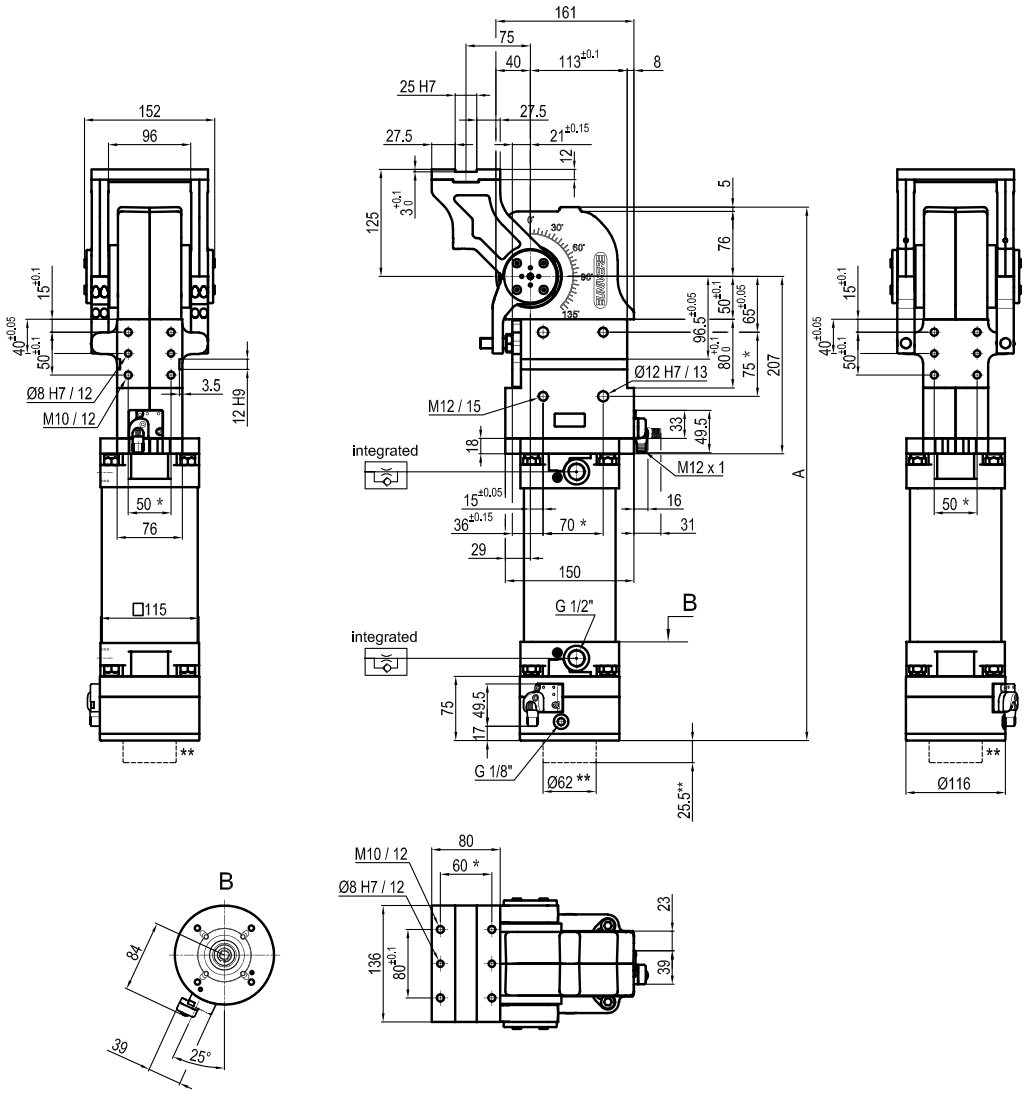
8 CONNECTIONS
S = Left side (Standard)
D = Right side
F = Front side
P = Rear side

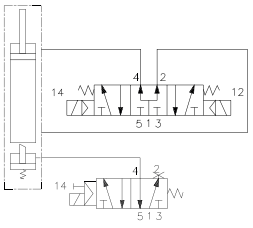


9 PRODUCT REVISION
Assigned by UNIVER

10 ATEX
X = ATEX option
See ATEX Catalogue for types and versions

O Horizontal 90°





Pivot rotation (°)	A
45°	561.1
60°	572.6
90°	597.6
120°	622.6

**TOLERANCE BETWEEN DOWELS ± 0,02 BETWEEN SCREW HOLES ± 0,1*
***VERSION WITH BRAKE UNLOCK "M"*

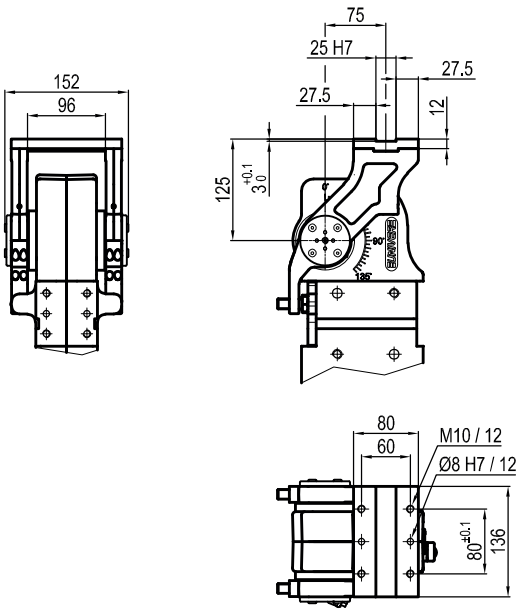
Sensors

Body

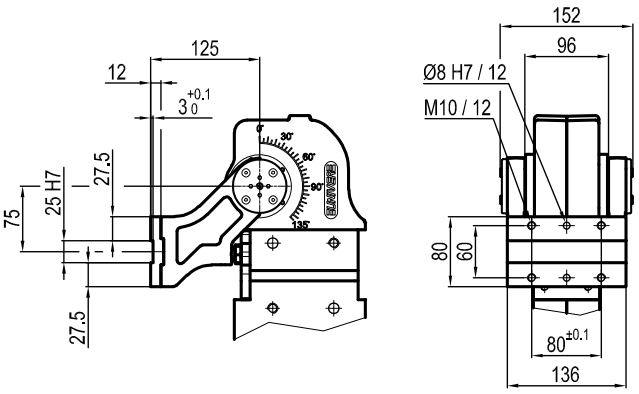
Brake

Electronic (optical)	Electronic
DF-K PNP M12	**DF-S** PNP M12
DF-J NPN M12	
DF-Y PNP M12 White LED	

P Horizontal
Mirror of "O" position



V Vertical 180°



Z Vertical
Mirror of "V" position