USR 40

Compact pin clamp with single or double hook, Ø40 mm

Compact pin clamp with single or double hook for centering and clamping. The compact and lightweight construction make this unit suitable for mounting on grippers and in applications where reduced dimensions are required



- Compact dimensions
- Integrated compensation up to 3 mm
- High wear resistance steel pin
- Protection agaisnt welding debris and dust
- Toggle-joint system
- Version with single or double hook
- Electronic sensor

CHARACTERISTICS

Operating temperature	**5° ÷ 45° C**
Min./Max. Operating pressure	**0,4 / 0,6 MPa**
Bore Ø	**40 mm**
Clamping force	**900 N**
Weight (without plate, pin and hook)	**1,9 kg**
Pneumatic supply ports	**G1/8 on both sides**
Sensor	**electronic (optical)**
Supply voltage	**10 ÷ 30 Vdc**
IP code	**IP 65**

IRREVERSIBLE

LIGHTWEIGHT

COMPENSATION

COMPACT

OPTICAL SENSOR

HIGH REPEATABILITY

METAL SCRAPER

CODIFICATION KEY

US	R	40	J	3	1	S	-	K	0		
1	2	3	4	5	6	7	8	9	10	11	

1 SERIES
US = UNICLAMP Pin clamp

2 VERSION
R = Pneumatic compact

3 SIZE
40 = Ø40 mm

4 MODEL
J = Standard
R = With mechanical locking/unlocking device
F = Without compensation

5 PIN DIAMETER
1< = Ø19 mm
2 = Ø20 mm
3 = Ø25 mm
4 = Ø30 mm
5 = Ø35 mm
6 = Ø40 mm
For pin Ø outside the mentioned range, please contact our sales department

6 LOCATING PIN
0 = Locating pin not included
1 = Locating pin included

7 HOOK
S = Single hook
D = Double hook, standard without compensation* (model F)
*For version with compensation please contact our sales department

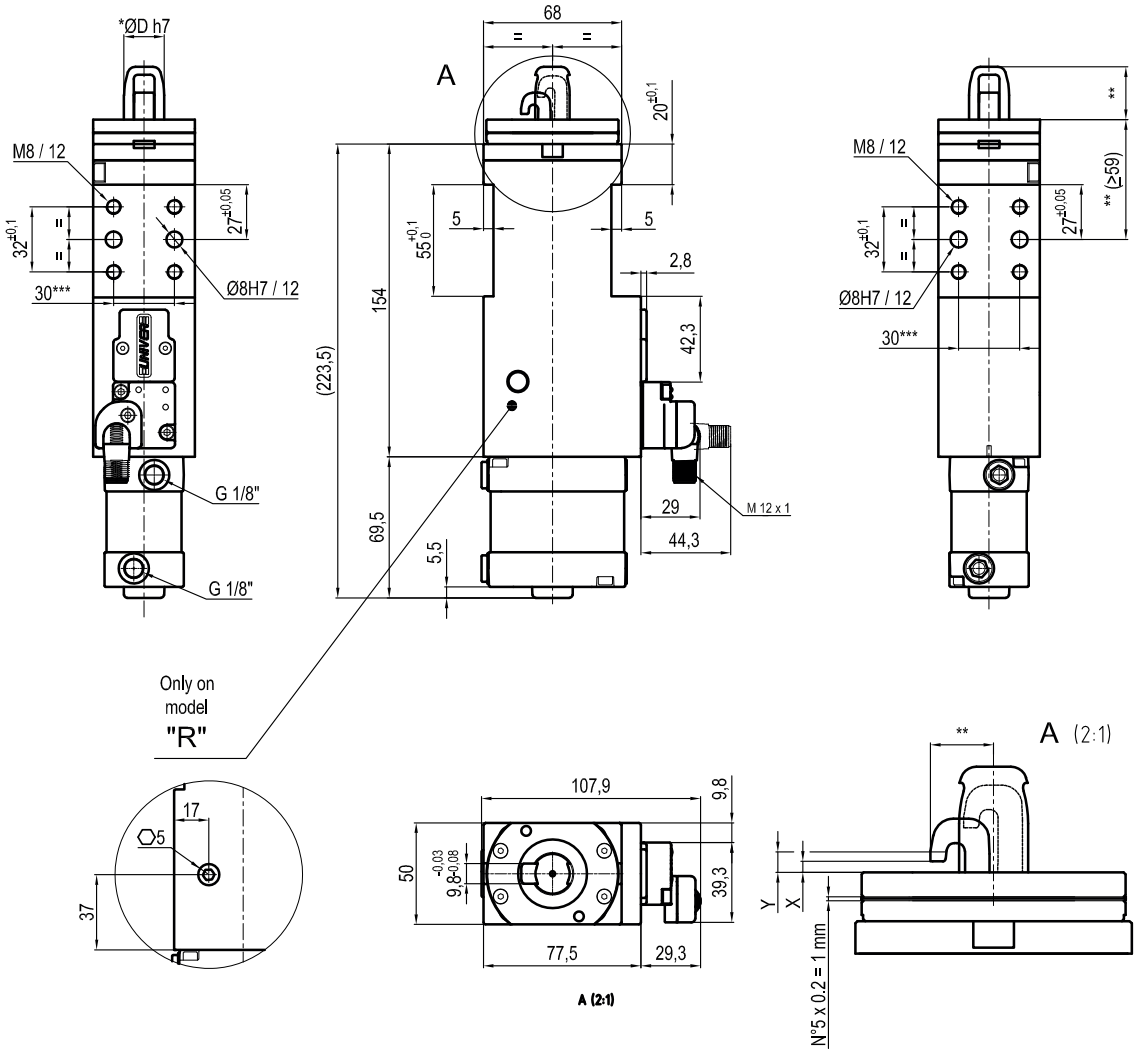
8 PROGRESSIVE NUMBERING
Progressive numbers for special products are assigned by the Sales Department

9 SENSOR
N = No sensor (with protection plate)
K = Electronic sensor PNP, M12 (DF-K)
J = Electronic sensor NPN, optical (DF-J)
Y = Electronic sensor PNP, M12 (DF-Y) white LED

10 PRODUCT REVISION
Assigned by UNIVER

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

S | Single hook



*Pin Option	ØD
1	15,8
2	20
3	25
4	30

X = *Metal sheet*
Y = *Clamping range (X + 3 mm Max.)*
VERSION WITHOUT PIN AND HOOK AVAILABLE UPON REQUEST
*** MISSING DIMENSION TO BE DEFINED ACCORDING TO CUSTOMER SPECIFICATIONS*
**** TOLERANCE BETWEEN DOWEL HOLES ± 0,02, BETWEEN SCREW HOLES ± 0,1*

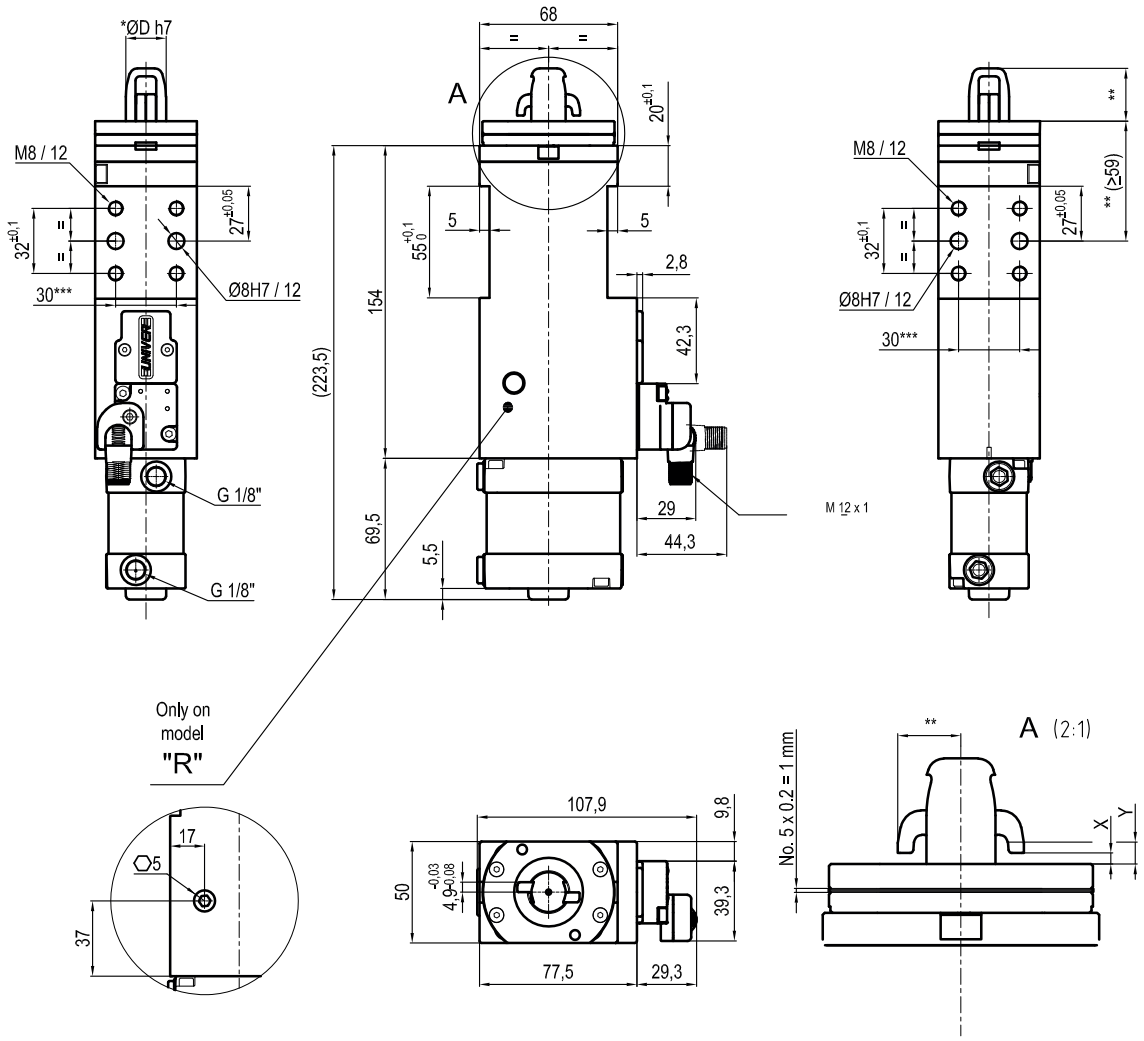
Sensors



Electronic (optical)

DF-K PNP M12
DF-J NPN M12
DF-Y PNP M12 White LED

D | Double hook



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Sensors



Electronic (optical)

DF-K PNP M12
DF-J NPN M12
DF-Y PNP M12 White LED