Chiusura pneumatica CPL40
Pneumatic clamp CPL40

Caratteristiche principali:

- Fianchetti in alluminio
- Dispositivo a ginocchiera
- Angolo di apertura facilmente modificabile
- Perno di controllo della posizione finale
- Leve versatili in ghisa e alluminio V e H
- 4 possibilità di staffaggio (fronte, retro e sui lati)
- Alesaggio del cilindro pneumatico: 40 mm
- 2 fori di connessione G1/8"
- Finecorsa induttivo (connessione M12x1)
- Comando manuale

Main characteristics:

- Aluminum flanks
- Toggle action mechanism
- Opening angle easily adjustable
- Checking pin for verifying the end position
- Versatile iron steel and aluminum arms V and H
- 4 mounting areas (front, back, on the sides)
- Pneumatic cylinder bore: 40 mm
- 2 feeding ports G1/8"
- Inductive proximity switch (connection M12x1)
- Hand lever

PDF 3D Step Index

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Codice d'ordine.
Ordering example.

CPL40	LA	V1C	I 1	G	–	107

Modello ed alesaggio cilindro:
Model and cylinder bore

CPL40
chiusura standard CPL
alesaggio Ø40mm
standard clamp CPL
cylinder bore Ø40mm

CPLM40
chiusura standard CPL
con comando manuale
alesaggio Ø40mm
standard clamp CPL with
hand lever cylinder bore
Ø40mm

Posizione comando manuale:
(specificare solo per CPLM40)
Hand lever position:
(specify only for CPLM40)

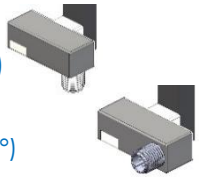
LX: predisposizione leva
lever arrangement
LA: leva sinistra
left lever
LB: leva destra
right lever

Finecorsa:
Proximity switch:

X: senza finecorsa
without proximity switch

I1: finecorsa induttivo VEP standard (0°)
inductive proximity switch VEP standard (0°)

I2: finecorsa induttivo VEP standard (90°)
inductive proximity switch VEP standard (90°)



Angolo d'apertura regolabile:
Adjustable opening angle:

Tipo Type	CPL40 da from	CPL40 a to	CPL40 Standard	CPLM40 da from	CPLM40 a to	CPLM40 Standard
V1…	2°	135°	122°	2°	108°	108°
V2…						
V3…	2°	103°	103°	2°	103°	103°
H1…	2°	122°	122°	2°	108°	108°
H2…	2°	108°	108°			
H3…	2°	135°	122°			
V1…S	2°	31°	31°	2°	31°	31°
V2…S	2°	19°	19°	2°	19°	19°
V3…S	2°	57°	57°	2°	57°	57°
H1…S	2°	45°	45°	2°	45°	45°
H2…S	2°	91°	91°	2°	91°	91°
H3…S	2°	16°	16°	2°	16°	16°

Nel caso in cui non indicato, la chiusura verrà fornita con l'angolo d'apertura standard.
If not indicated, the clamp will be provided with the standard opening angle.

Tipologia leva:
Type of arm:

XXX: senza leva / without arm
V1C, V1D e V1S (vedere pag.3) (see page 3)
H1C, H1D e H1S (vedere pag.4) (see page 4)
V1CS, V1DS e V1SS (vedere pag.5) (see page 5)
H1CS, H1DS e H1SS (vedere pag.6) (see page 6)
V2C, V2D e V2S (vedere pag.7) (see page 7)
H2C, H2D e H2S (vedere pag.8) (see page 8)
V2CS, V2DS e V2SS (vedere pag.9) (see page 9)
H2CS, H2DS e H2SS (vedere pag.10) (see page 10)
V3C, V3D e V3S (vedere pag. 11) (see page 11)
H3C, H3D e H3S (vedere pag.12) (see page 12)
V3CS, V3DS e V3SS (vedere pag.13) (see page 13)
H3CS, H3DS e H3SS (vedere pag.14) (see page 14)

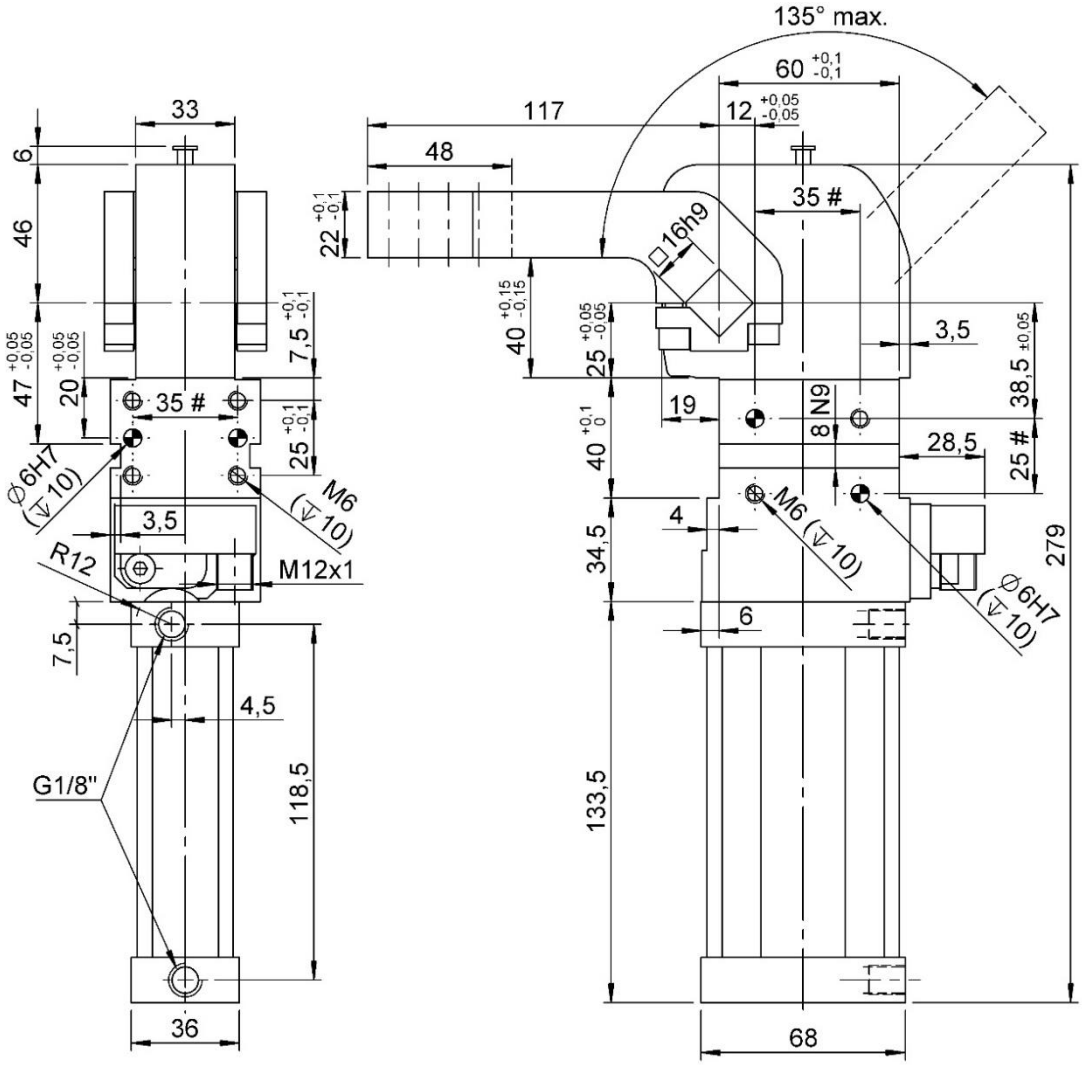
N.B.: è possibile trasformare la chiusura tipo V… nel tipo H… semplicemente cambiando la posizione della leva.
NOTE: It's possible to transform the clamp type V… into the type H… simply changing the arm position.

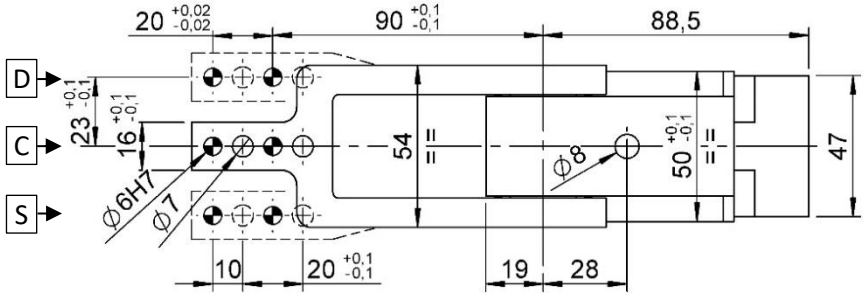
Tipologia fori d'alimentazione:
Feeding ports type:

G: fori tipo G 1/8"
ports type G 1/8"
N: fori tipo 1/8" NPT
ports type 1/8" NPT

CPL40 V1...

Chiusura, D.40, Ang. Vario, Leva verticale, Offset 15
Clamp, D.40, Vario Op. Angle, Vertical arm, Offset 15





Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

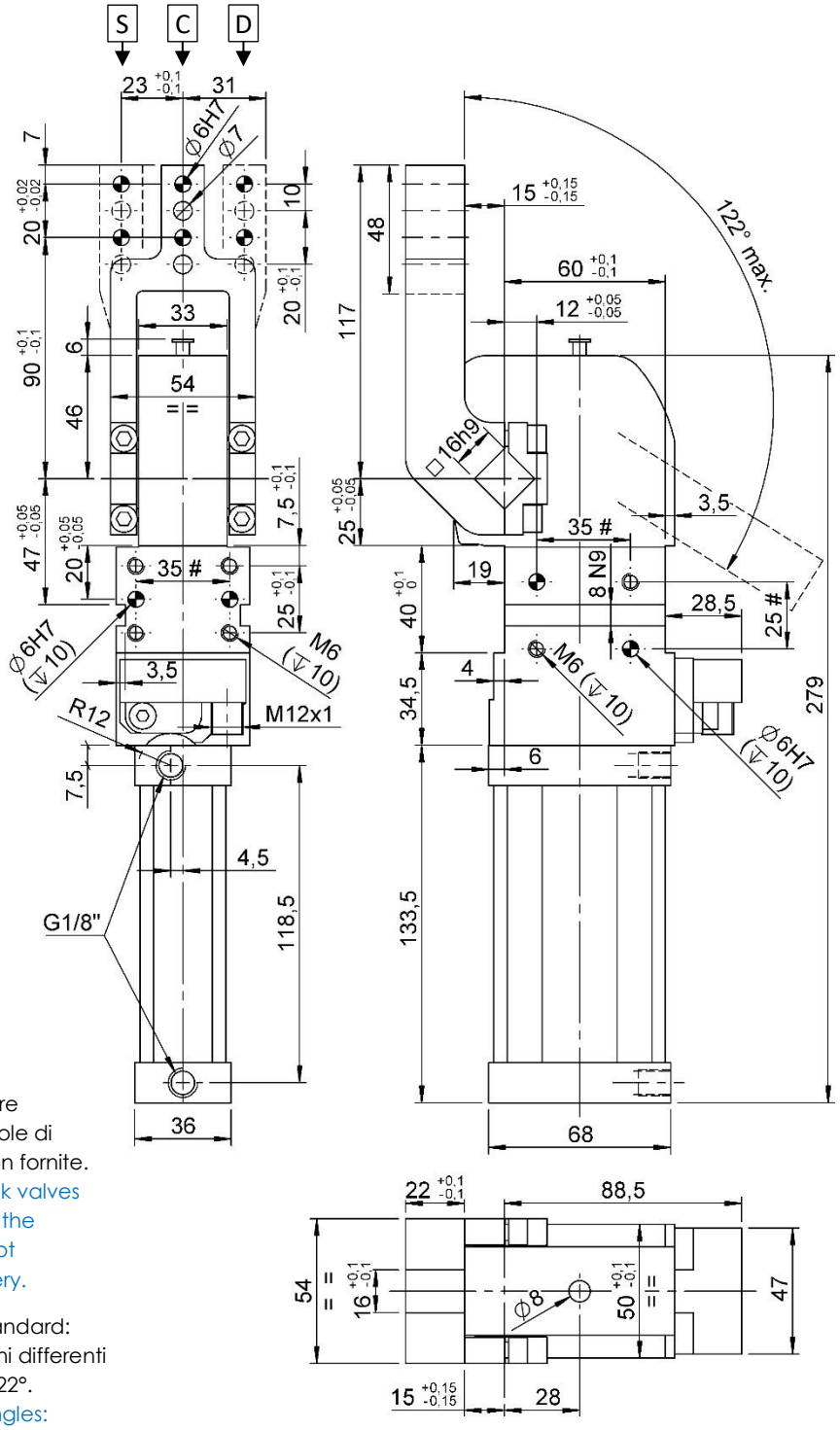
Angoli di apertura standard: settabile in 34 posizioni differenti in un range tra 2° e 135°.
Standard opening angles: settable in 34 different positions in a range between 2° and 135°.

Tolleranze: fori spina ±0.02, fori filettati ±0.1
Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 V1...	40	380	~ 2,3	3 – 7	140	~ 1,0

CPL40 H1…

Chiusura, D.40, Ang. Vario, Leva orizzontale, Offset 15
Clamp, D.40, Vario Op. Angle, Horizontal arm, Offset 15



Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

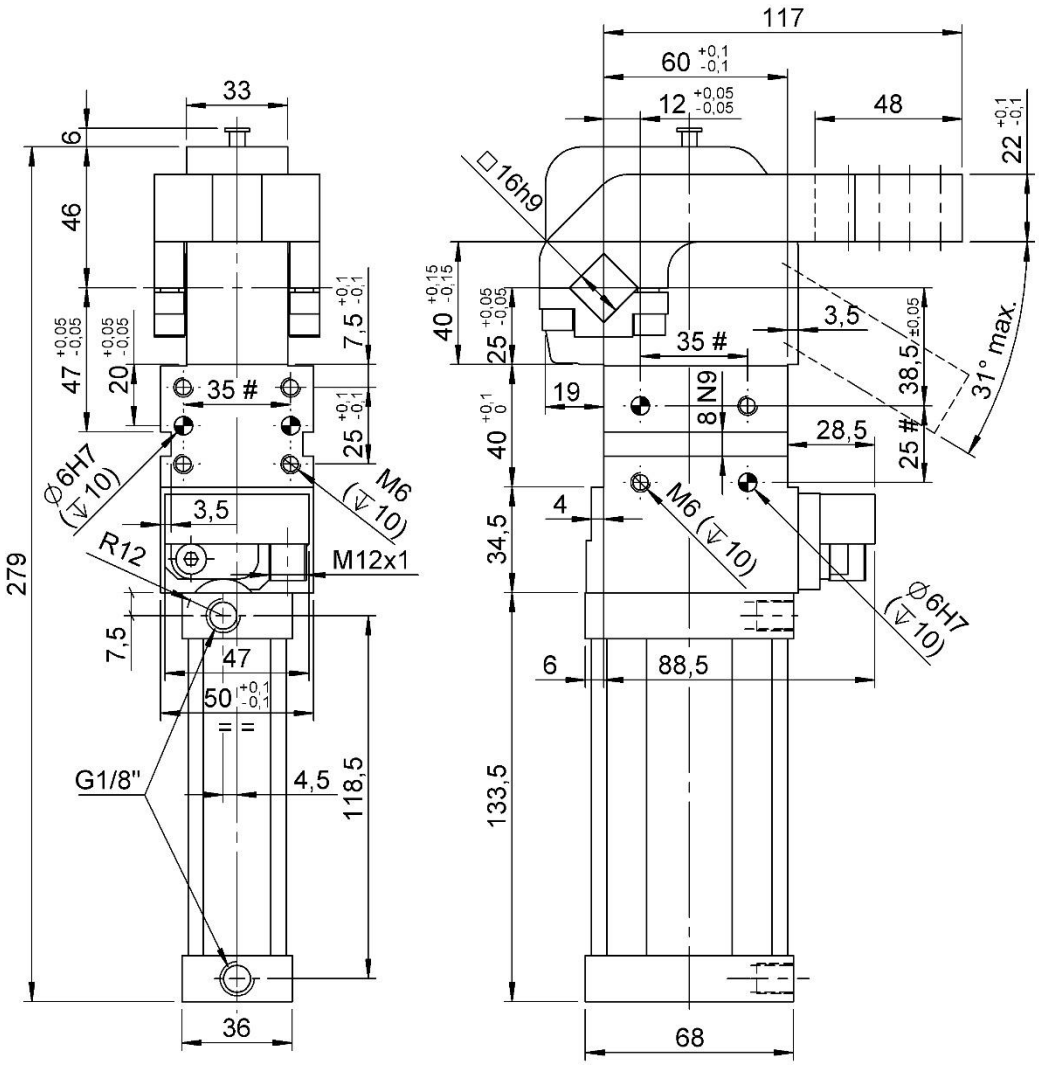
Angoli di apertura standard: settabile in 30 posizioni differenti in un range tra 2° e 122°.
Standard opening angles: settable in 30 different positions in a range between 2° and 122°.

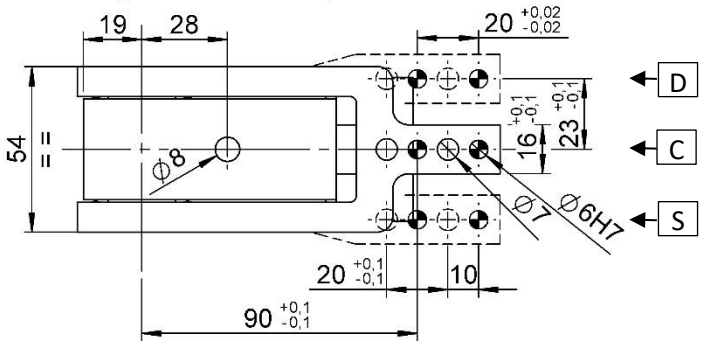
#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 H1…	40	380	~ 2,3	3 – 7	140	~ 1,0

CPL40 V1...S

Chiusura, D.40, Ang. Vario, Leva verticale simmetrica, Offset 15
Clamp, D.40, Vario Op. Angle, Vertical symmetric arm, Offset 15





Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

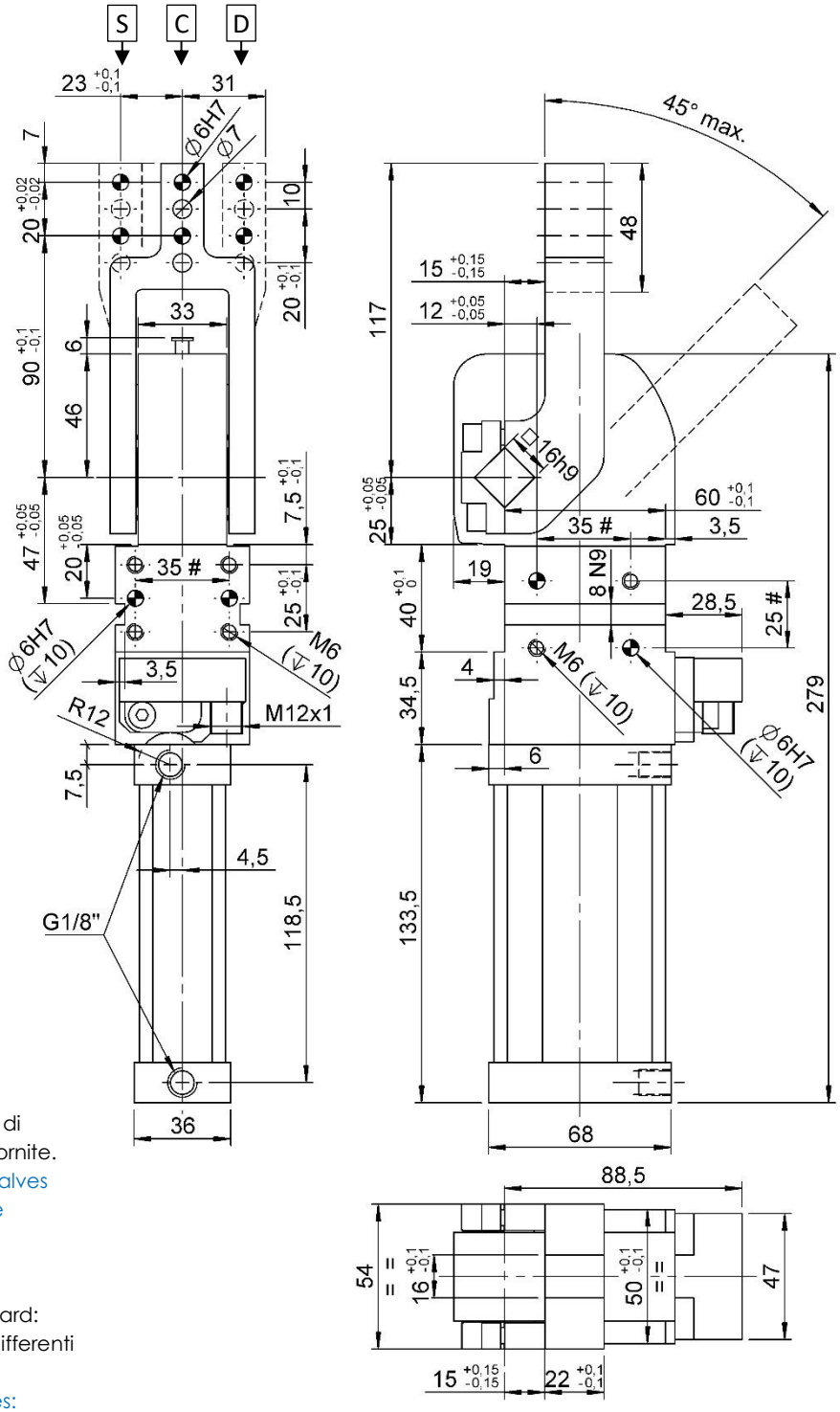
Angoli di apertura standard: settabile in 11 posizioni differenti in un range tra 2° e 31°.
Standard opening angles: settable in 11 different positions in a range between 2° and 31°.

Tolleranze: fori spina: ±0.02 I fori filettati: ±0.1
#Tolerances: dowel holes: ±0.02 I screw holes: ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 V1...S	40	380	~ 2,3	3 – 7	140	~ 0,6

CPL40 H1…S

Chiusura, D.40, Ang. Vario, Leva orizzontale simmetrica, Offset 15
Clamp, D.40, Vario Op. Angle, Horizontal symmetric arm, Offset 15



Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

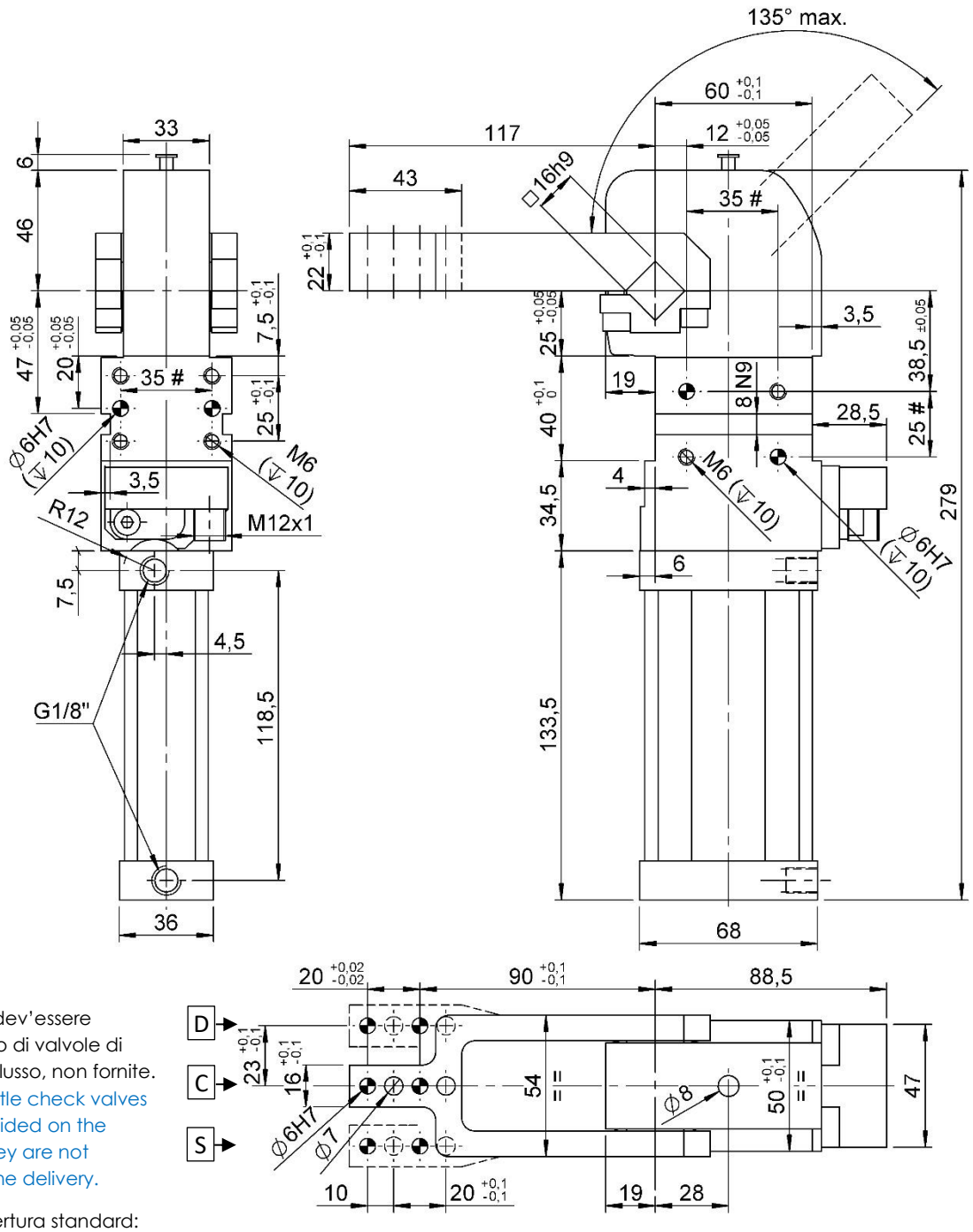
Angoli di apertura standard: settabile in 14 posizioni differenti in un range tra 2° e 45°.
Standard opening angles: settable in 14 different positions in a range between 2° and 45°.

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 H1…S	40	380	~ 2,3	3 – 7	140	~ 0,7

CPL40 V2...

Chiusura, D.40, Ang. Vario, Leva verticale, Offset 0
Clamp, D.40, Vario Op. Angle, Vertical arm, Offset 0



Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

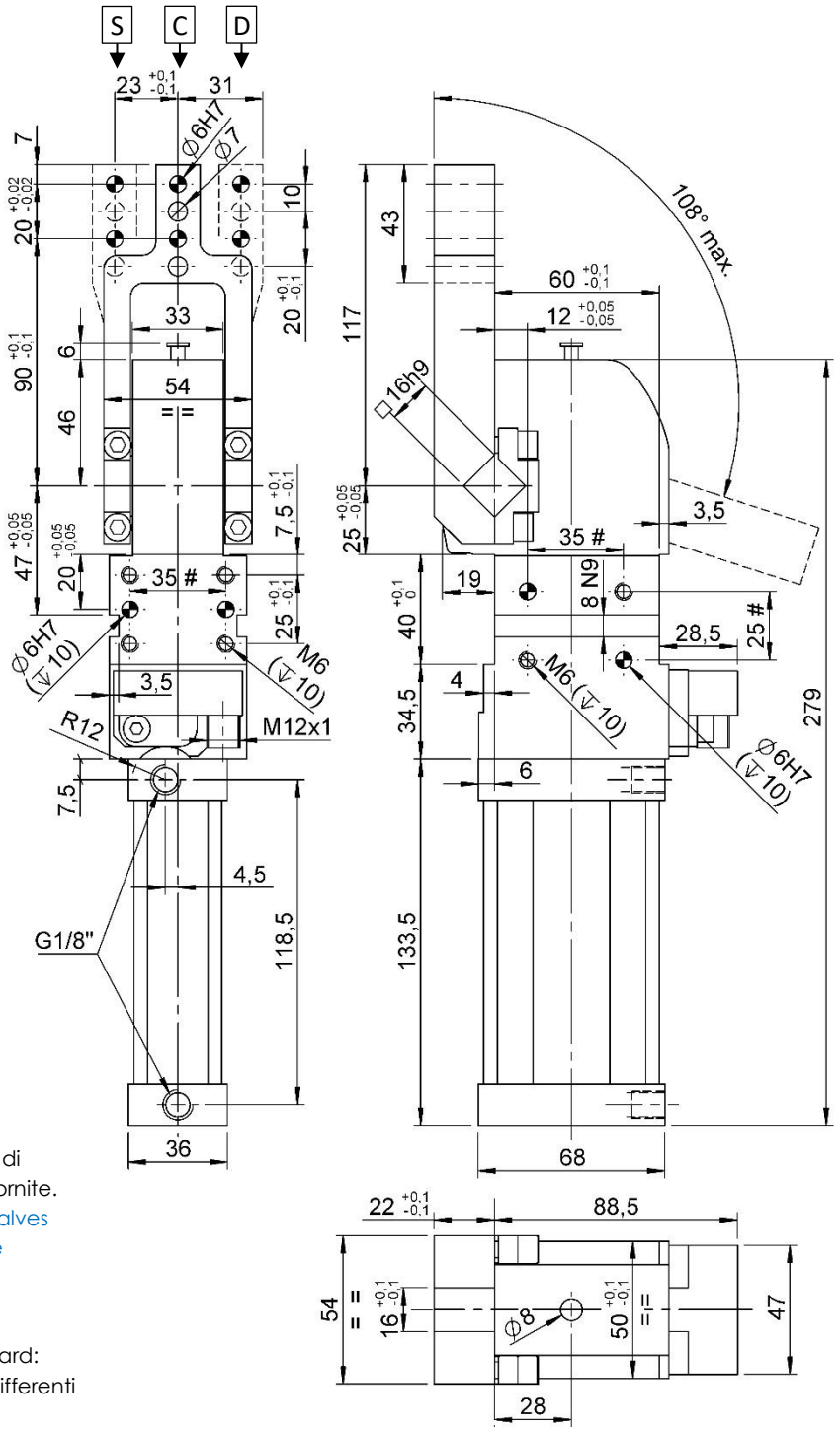
Angoli di apertura standard: settabile in 34 posizioni differenti in un range tra 2° e 135°.
Standard opening angles: settable in 34 different positions in a range between 2° and 135°.

Tolleranze: fori spina ±0.02, fori filettati ±0.1
Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 V2...	40	380	~ 2,2	3 – 7	140	~ 1,0

CPL40 H2…

Chiusura, D.40, Ang. Vario, Leva orizzontale, Offset 0
Clamp, D.40, Vario Op. Angle, Horizontal arm, Offset 0



Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

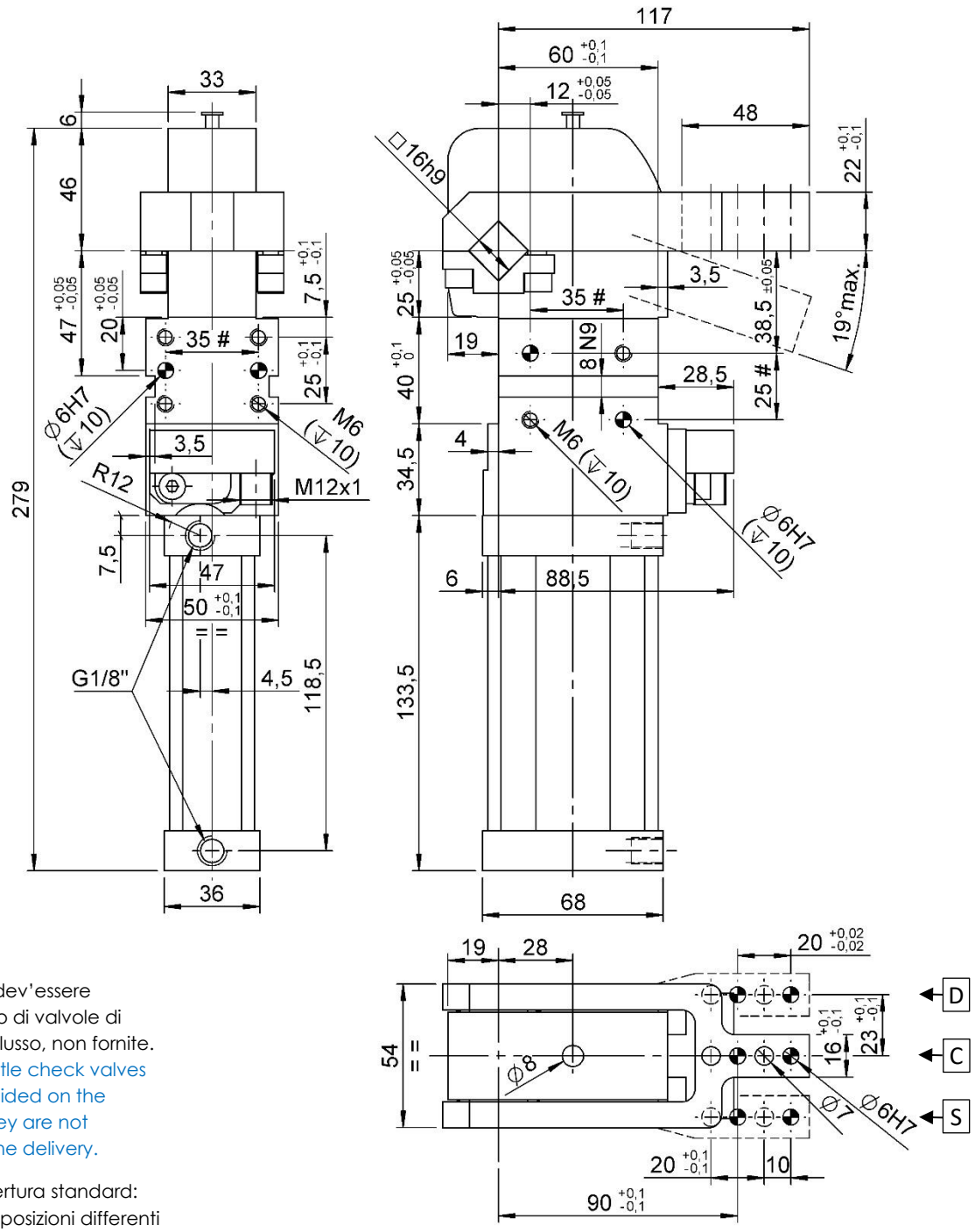
Angoli di apertura standard: settabile in 29 posizioni differenti in un range tra 2° e 108°.
Standard opening angles: settable in 29 different positions in a range between 2° and 108°.

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 H2…	40	380	~ 2,2	3 – 7	140	~ 1,0

CPL40 V2...S

Chiusura, D.40, Ang. Vario, Leva verticale simmetrica, Offset 0
Clamp, D.40, Vario Op. Angle, Vertical symmetric arm, Offset 0



Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

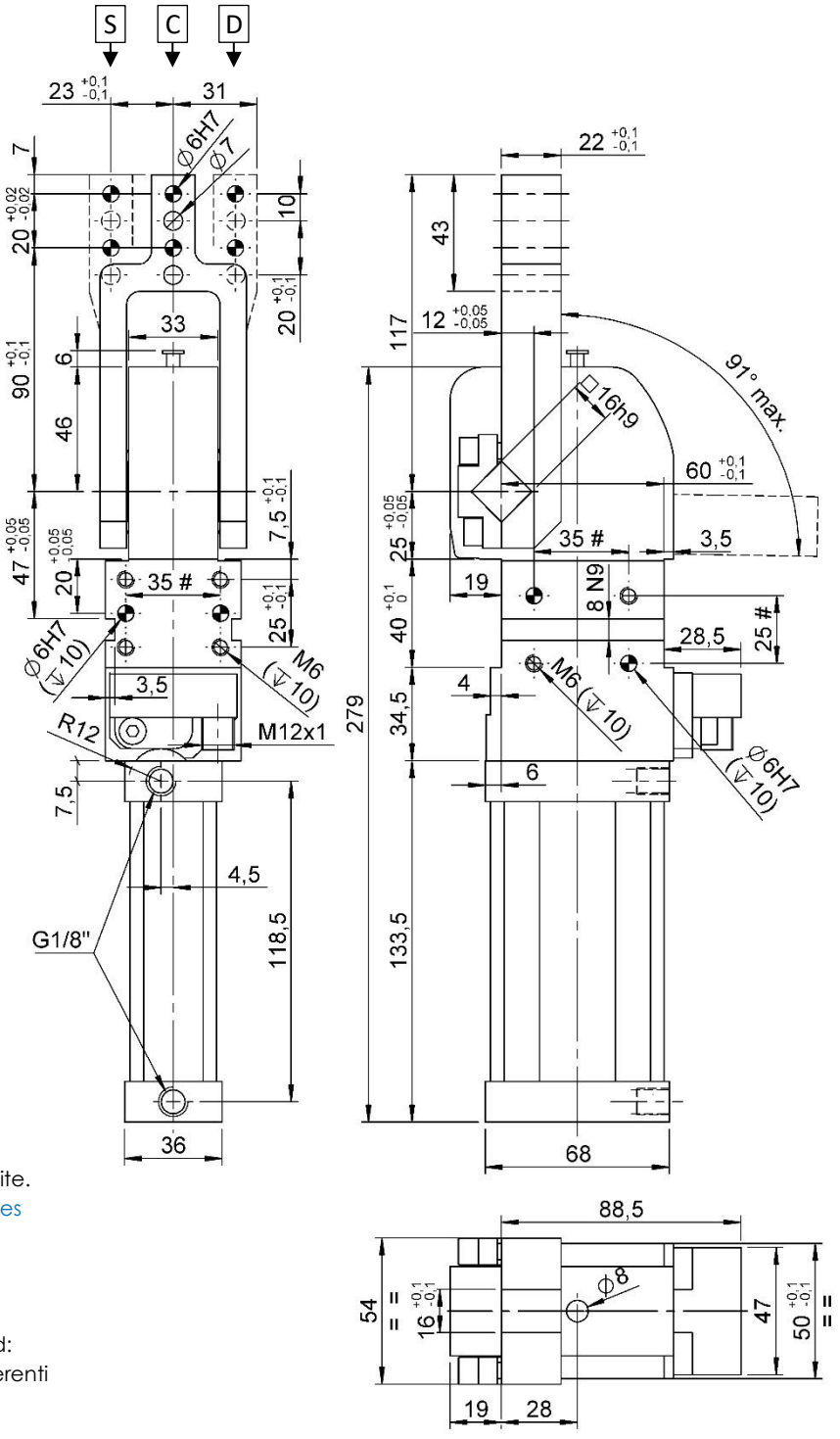
Angoli di apertura standard: settabile in 8 posizioni differenti in un range tra 2° e 19°.
Standard opening angles: settable in 8 different positions in a range between 2° and 19°.

Tolleranze: fori spina: ±0.02 I fori filettati: ±0.1
#Tolerances: dowel holes: ±0.02 I screw holes: ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 V2...S	40	380	~ 2,2	3 – 7	140	~ 0,6

CPL40 H2...S

Chiusura, D.40, Ang. Vario, Leva orizzontale simmetrica, Offset 0
Clamp, D.40, Vario Op. Angle, Horizontal symmetric arm, Offset 0



Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

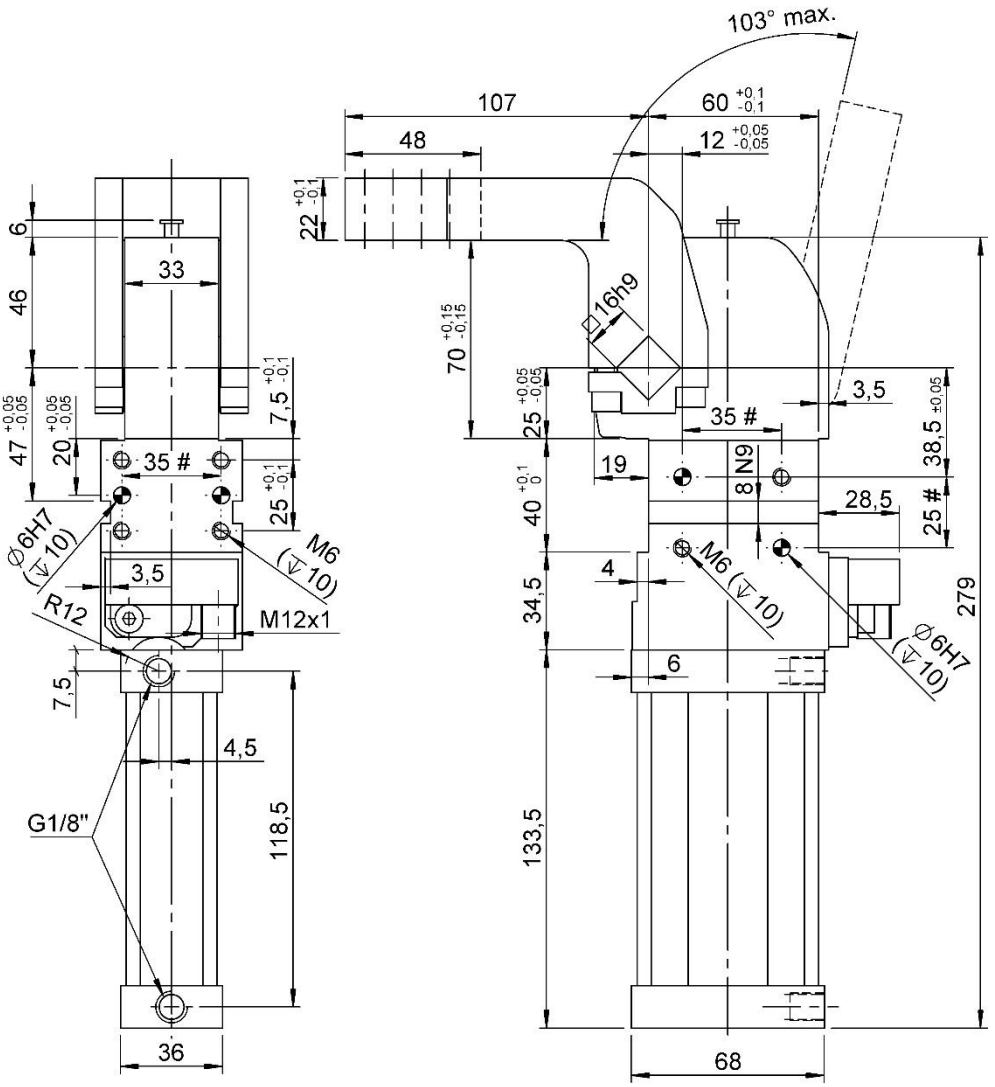
Angoli di apertura standard: settabile in 25 posizioni differenti in un range tra 2° e 91°.
Standard opening angles: settable in 25 different positions in a range between 2° and 91°.

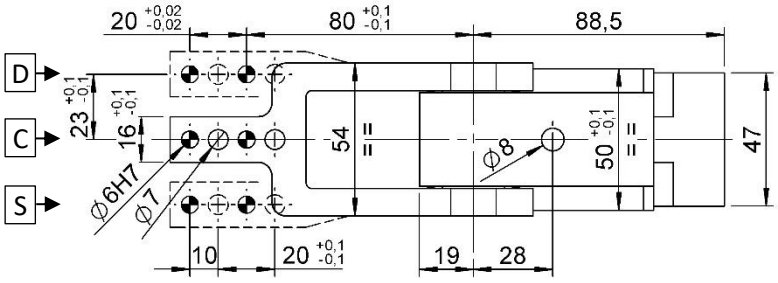
#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 H2...S	40	380	~ 2,2	3 – 7	140	~ 0,8

CPL40 V3...

Chiusura, D.40, Ang. Vario, Leva verticale, Offset 45
Clamp, D.40, Vario Op. Angle, Vertical arm, Offset 45





Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

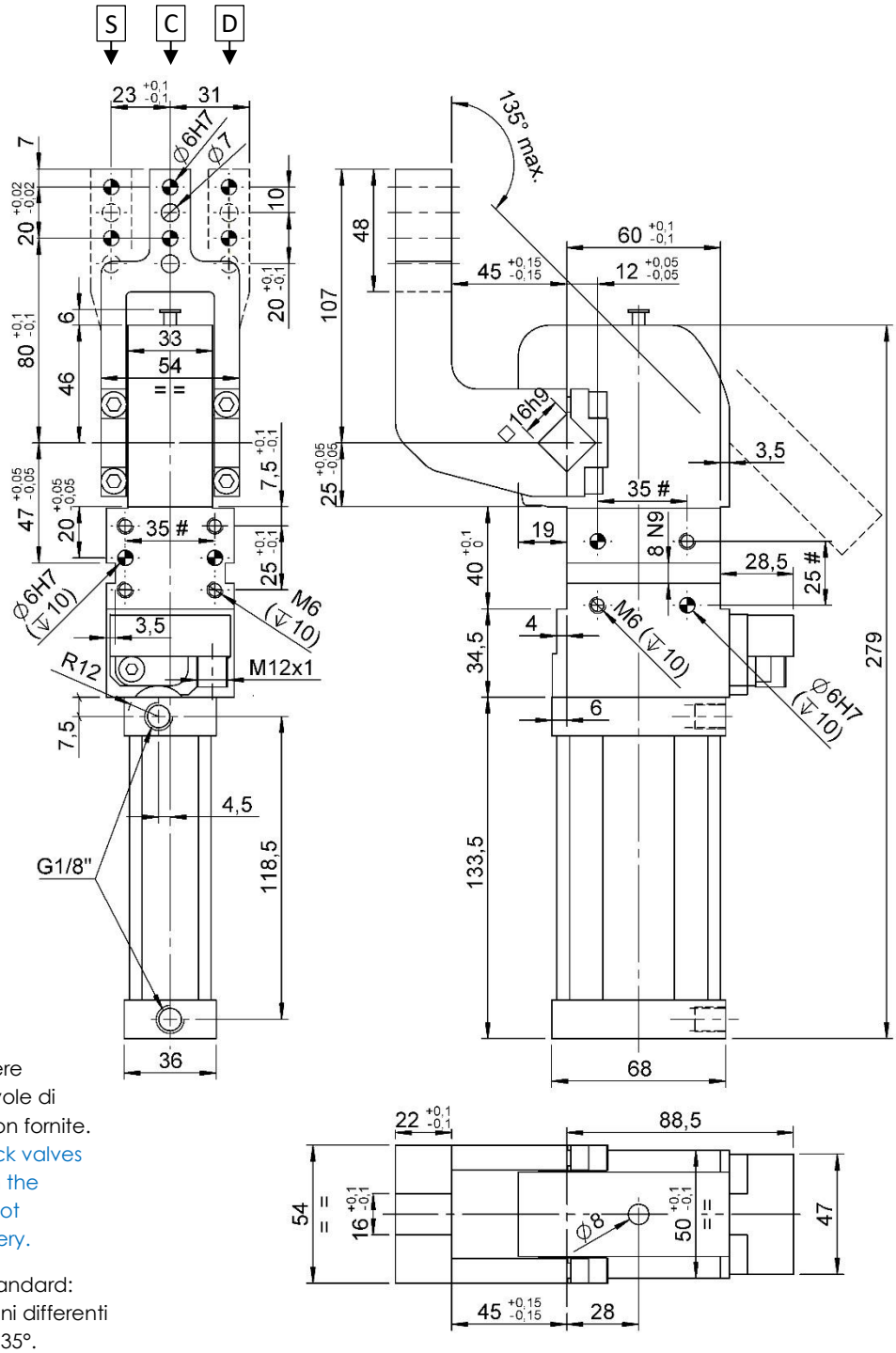
Angoli di apertura standard: settabile in 28 posizioni differenti in un range tra 2° e 103°.
Standard opening angles: settable in 28 different positions in a range between 2° and 103°.

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 V3...	40	380	~ 2,4	3 – 7	140	~ 0,9

CPL40 H3...

Chiusura, D.40, Ang. Vario, Leva orizzontale, Offset 45
Clamp, D.40, Vario Op. Angle, Horizontal arm, Offset 45



Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

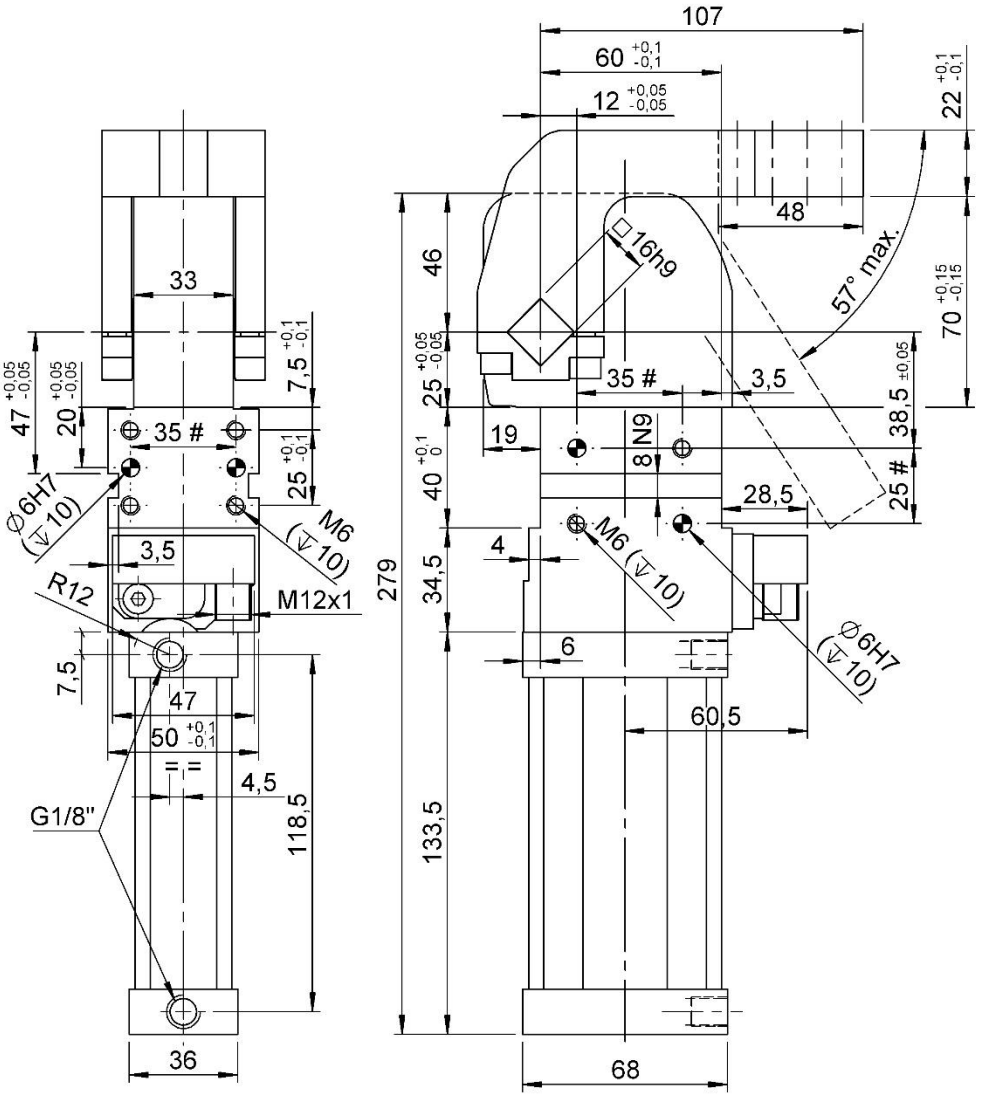
Angoli di apertura standard: settabile in 34 posizioni differenti in un range tra 2° e 135°.
Standard opening angles: settable in 34 different positions in a range between 2° and 135°.

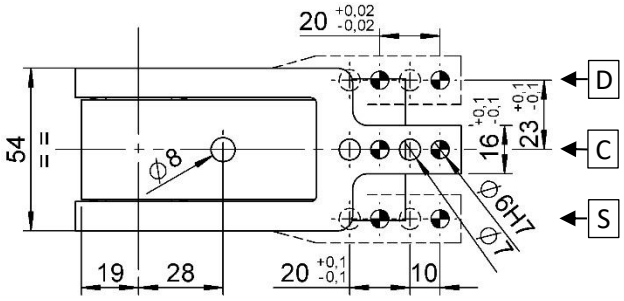
#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 V3...	40	380	~ 2,4	3 – 7	140	~ 1,0

CPL40 V3...S

Chiusura, D.40, Ang. Vario, Leva verticale simmetrica, Offset 45
Clamp, D.40, Vario Op. Angle, Vertical symmetric arm, Offset 45





Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

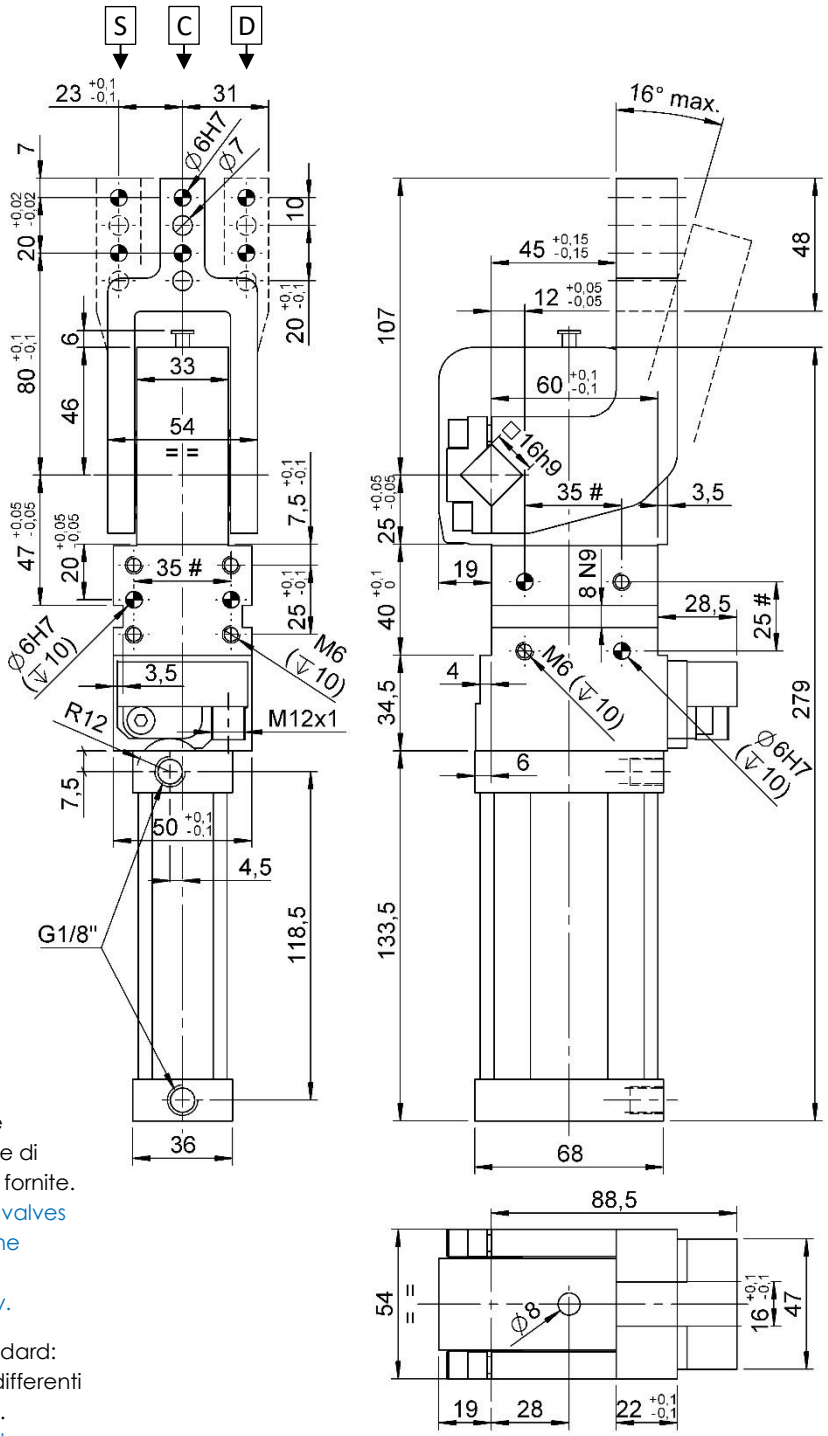
Angoli di apertura standard: settabile in 17 posizioni differenti in un range tra 2° e 57°.
Standard opening angles: settable in 17 different positions in a range between 2° and 57°.

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 V3...S	40	380	~ 2,4	3 – 7	140	~ 0,7

CPL40 H3...S

Chiusura, D.40, Ang. Vario, Leva orizzontale simmetrica, Offset 45
Clamp, D.40, Vario Op. Angle, Horizontal symmetric arm, Offset 45



Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
External throttle check valves must be provided on the assembly. They are not included in the delivery.

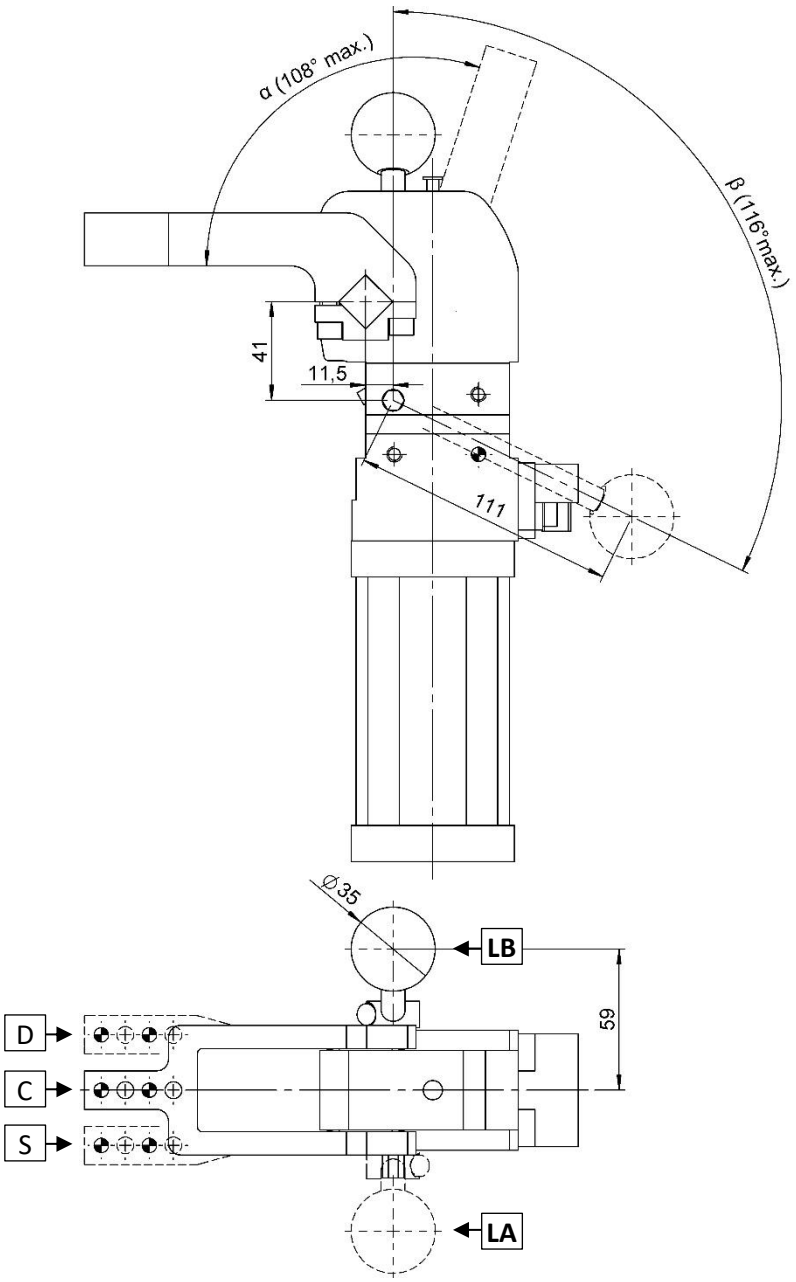
Angoli di apertura standard: settabile in 7 posizioni differenti in un range tra 2° e 16°.
Standard opening angles: settable in 7 different positions in a range between 2° and 16°.

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Coppia max. di bloccaggio Clamping max. torque (5 bar)	Consumo d'aria Air consumption (5 bar)
	[mm]	[Nm]	[Kg]	[bar]	[Nm]	[l]
CPL40 H3...S	40	380	~ 2,4	3 – 7	140	~ 0,6

CPLM40L...V1...

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Leva Vert, Offset 15
Clamp, D.40, Vario Op. Angle, Hand Lever, Vert. arm, Offset 15



α	16°	31°	45°	61°	74°	91°	103°	108°
β	41°	54°	63°	75°	84°	99°	111°	116°

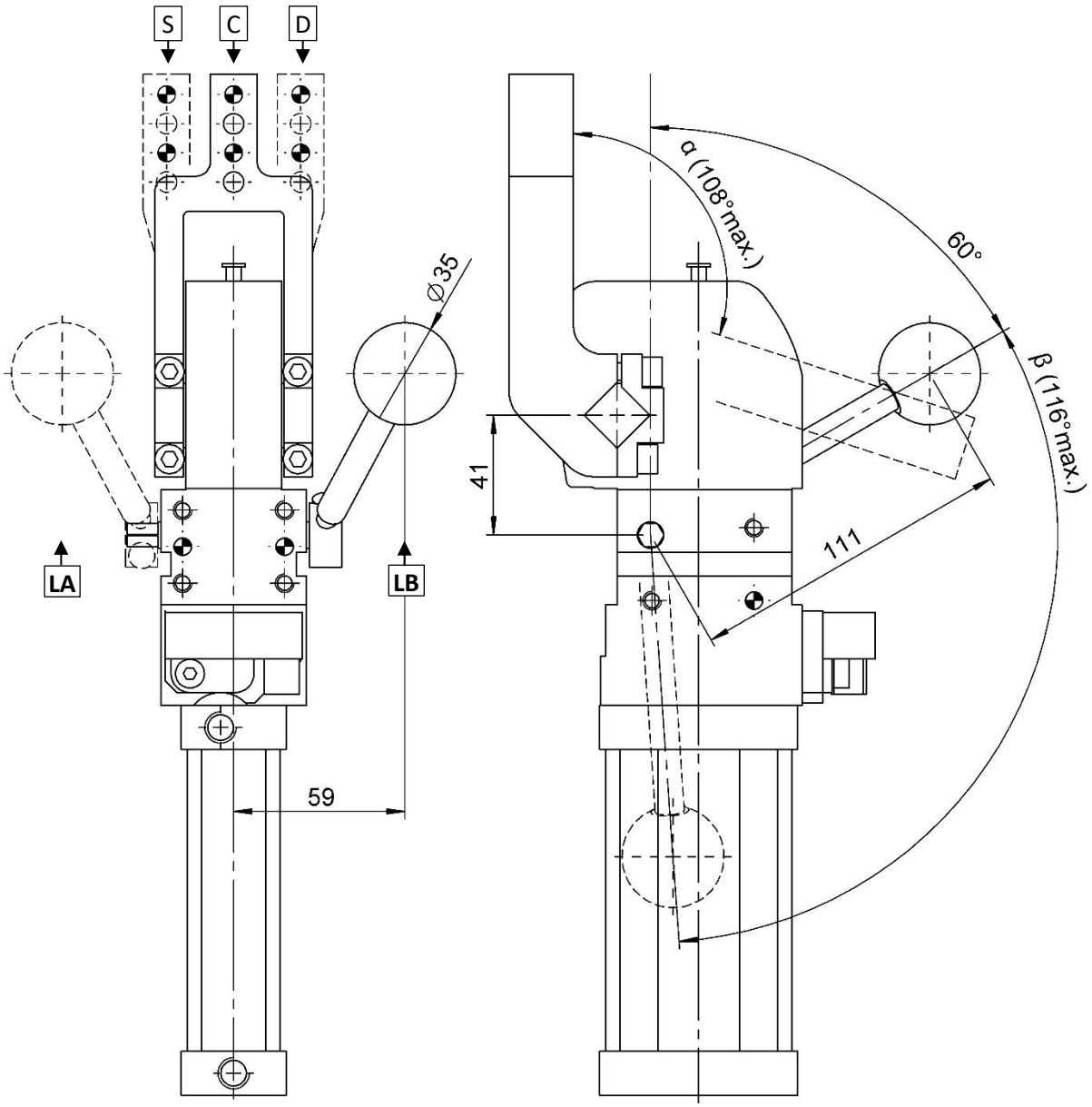
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...V1...	40	380	~ 2,6	3 – 7	200

CPLM40L…H1…

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Leva Orizz., Offset 15
Clamp, D.40, Vario Op. Angle, Hand Lever, Horiz. Arm, Offset 15



α	16°	31°	45°	61°	74°	91°	108°
β	41°	54°	63°	75°	84°	99°	116°

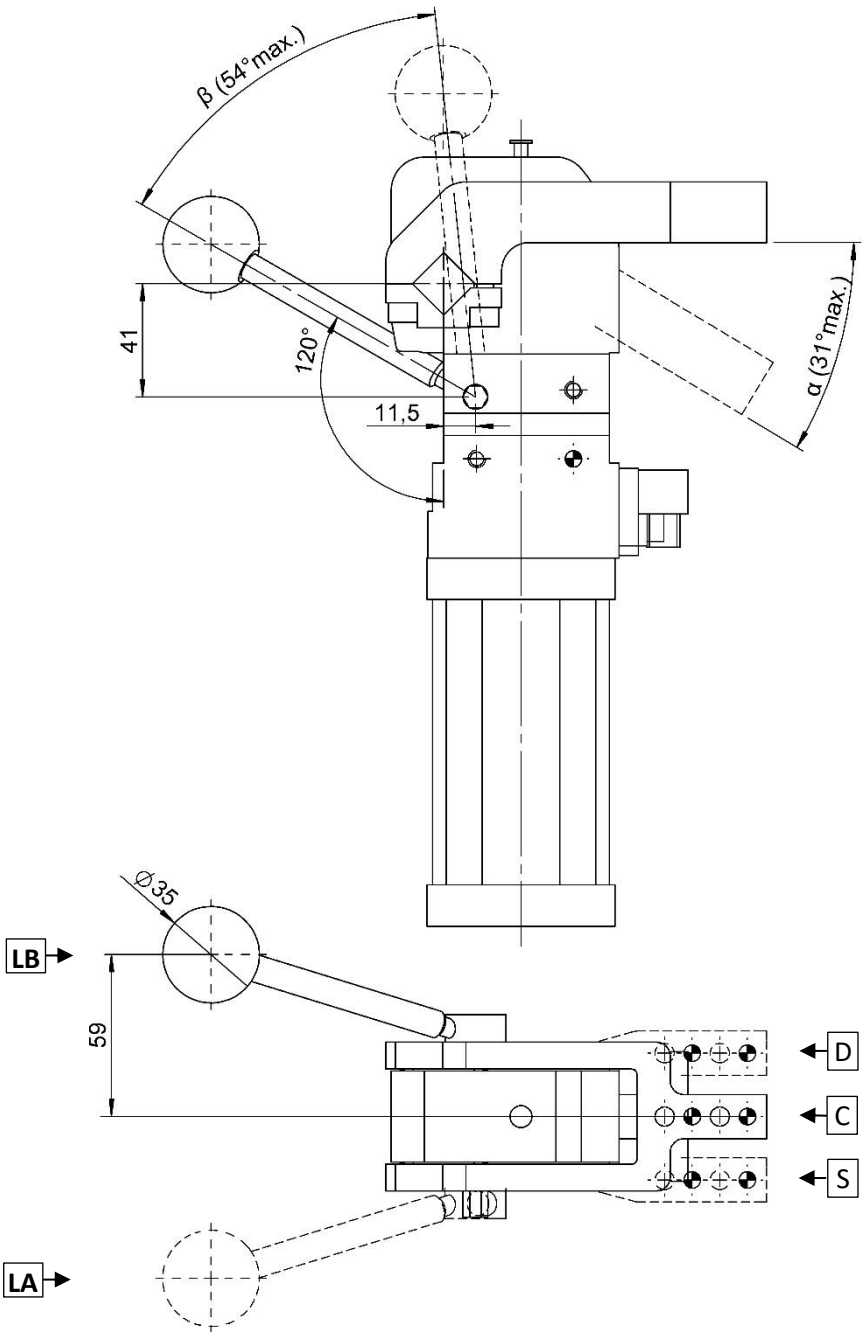
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...H1…	40	380	~ 2,6	3 – 7	200

CPLM40L...V1...S

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Vert. Sim., Offset 15
Clamp, D.40, Vario Op. Angle, Hand Lever, Vert. Sym., Offset 15



α	16°	31°
β	41°	54°

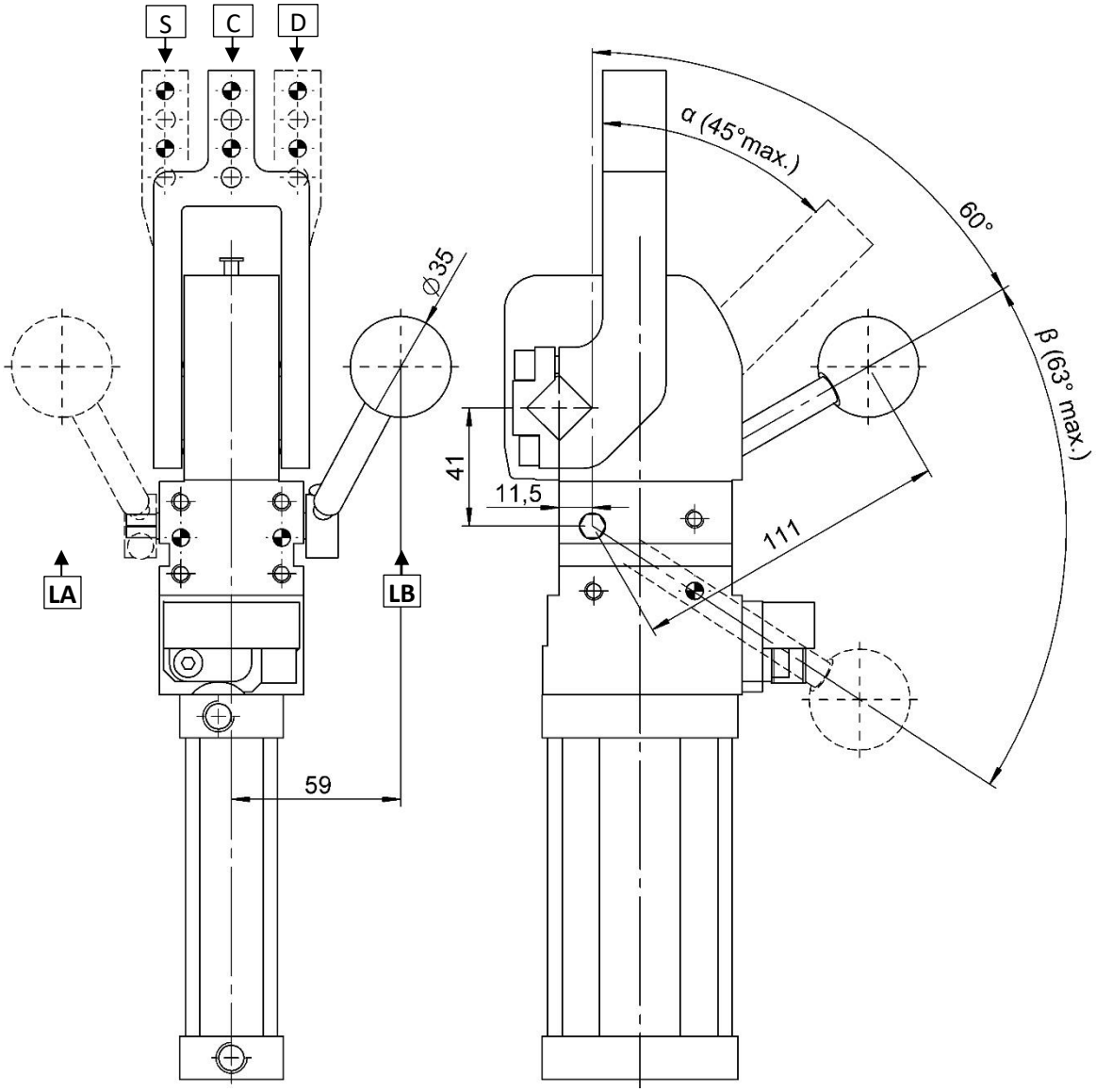
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...V1...S	40	380	~ 2,6	3 – 7	200

CPLM40L…H1…S

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Orizz. Sim., Offset 15
Clamp, D.40, Vario Op. Angle, Hand Lever, Horiz. Sym., Offset 15



α	16°	31°	45°
β	41°	54°	63°

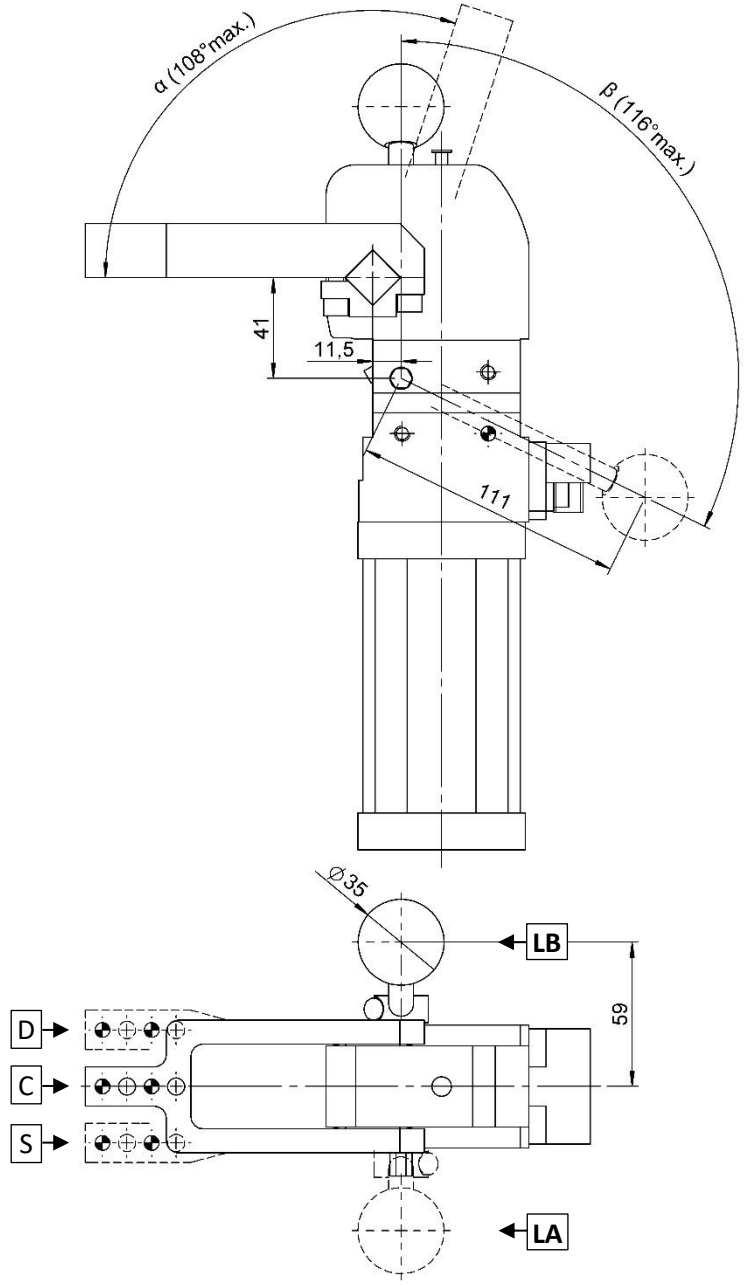
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...H1…S	40	380	~ 2,6	3 – 7	200

CPLM40L…V2…

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Leva Vert, Offset 0
Clamp, D.40, Vario Op. Angle, Hand Lever, Vert. arm, Offset 0



α	16°	31°	45°	61°	74°	91°	108°
β	41°	54°	63°	75°	84°	99°	116°

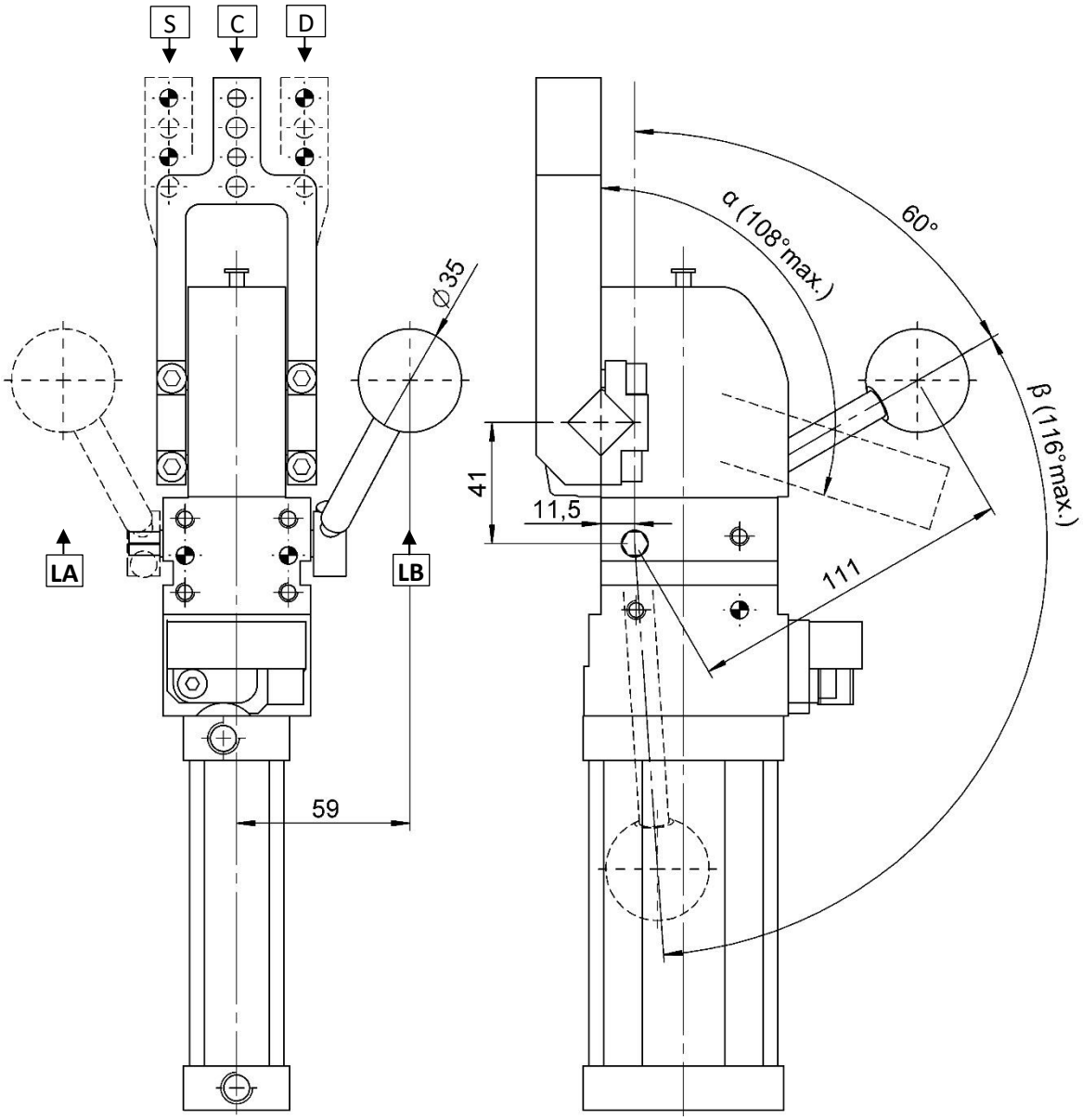
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...V2…	40	380	~ 2,5	3 – 7	200

CPLM40L…H2…

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Leva Orizz., Offset 0
Clamp, D.40, Vario Op. Angle, Hand Lever, Horiz. Arm, Offset 0



α	16°	31°	45°	61°	74°	91°	108°
β	41°	54°	63°	75°	84°	99°	116°

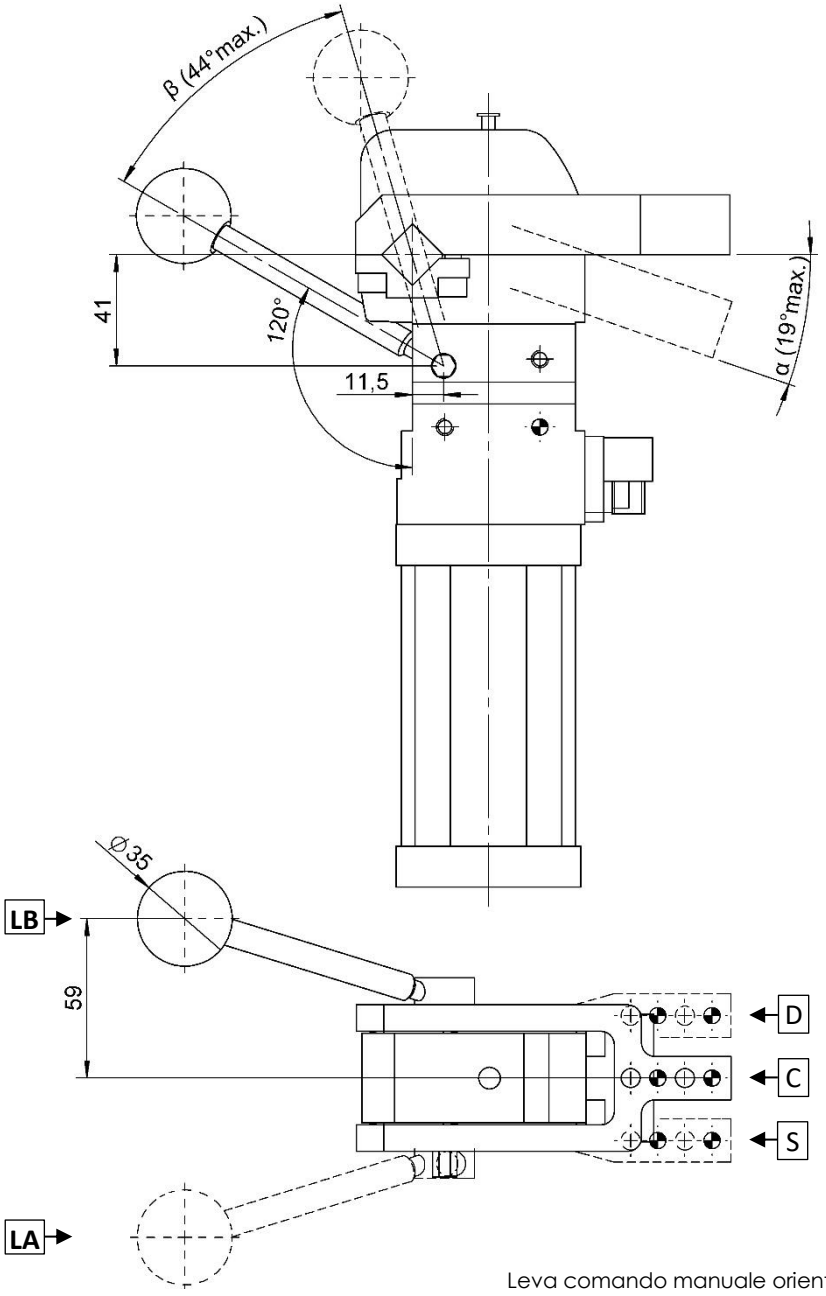
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...H2…	40	380	~ 2,5	3 – 7	200

CPLM40L…V2…S

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Vert. Sim., Offset 0
Clamp, D.40, Vario Op. Angle, Hand Lever, Vert. Sym., Offset 0



α	19°
β	44°

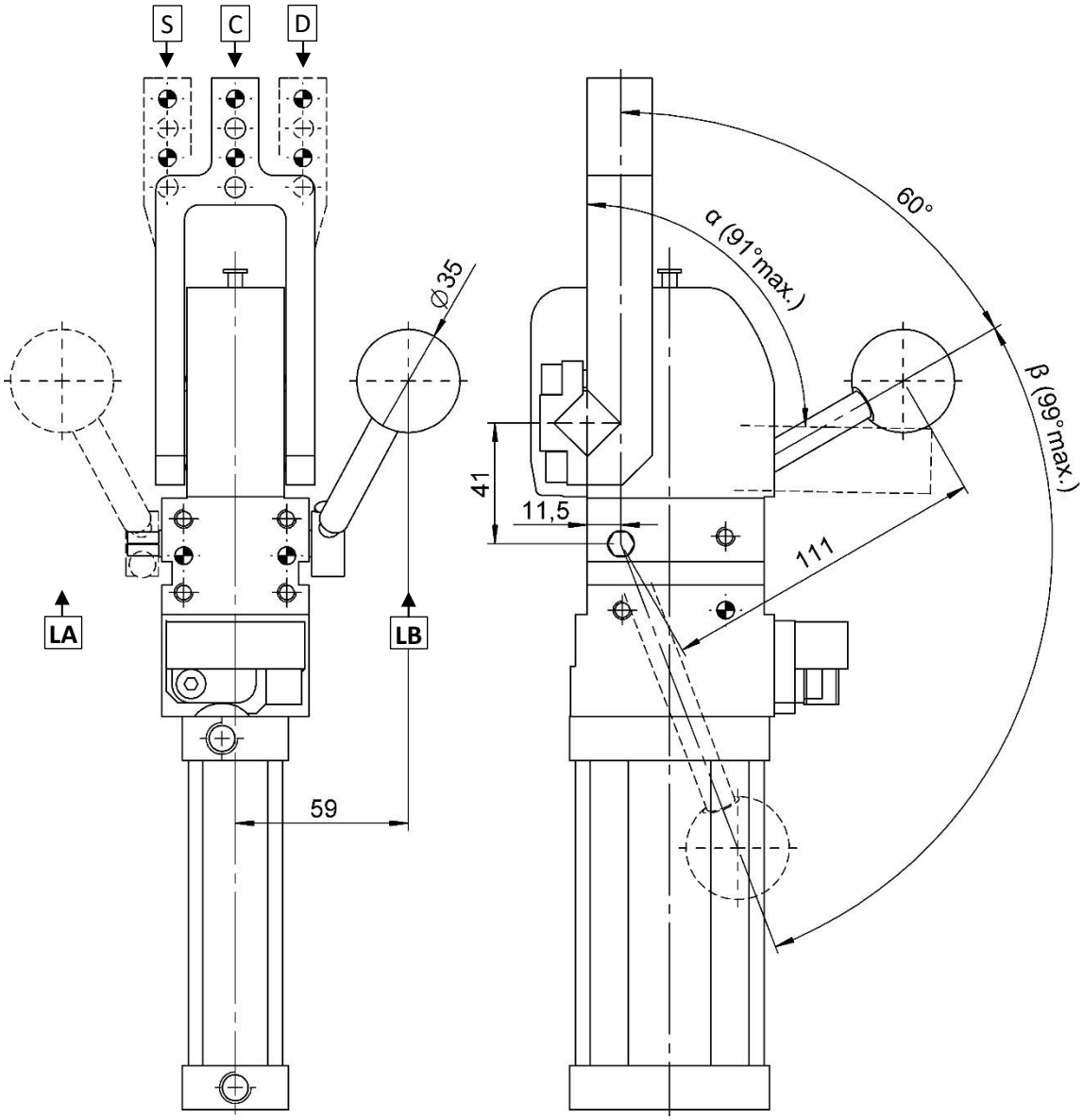
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...V2...S	40	380	~ 2,5	3 – 7	200

CPLM40L…H2…S

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Orizz. Sim., Offset 0
Clamp, D.40, Vario Op. Angle, Hand Lever, Horiz. Sym., Offset 0



α	16°	31°	45°	61°	74°	91°
β	41°	54°	63°	75°	84°	99°

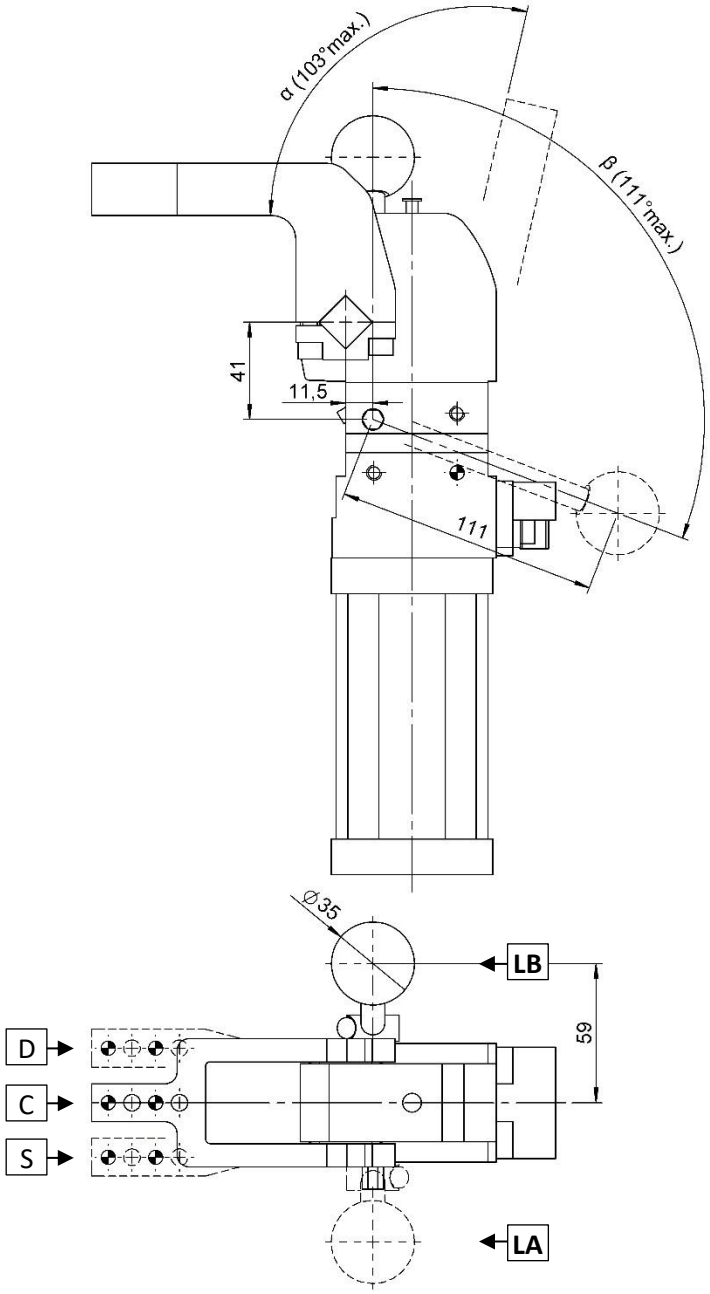
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...H2…S	40	380	~ 2,5	3 – 7	200

CPLM40L…V3…

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Leva Vert, Offset 45
Clamp, D.40, Vario Op. Angle, Hand Lever, Vert. arm, Offset 45



α	16°	31°	45°	61°	74°	91°	103°
β	41°	54°	63°	75°	84°	99°	111°

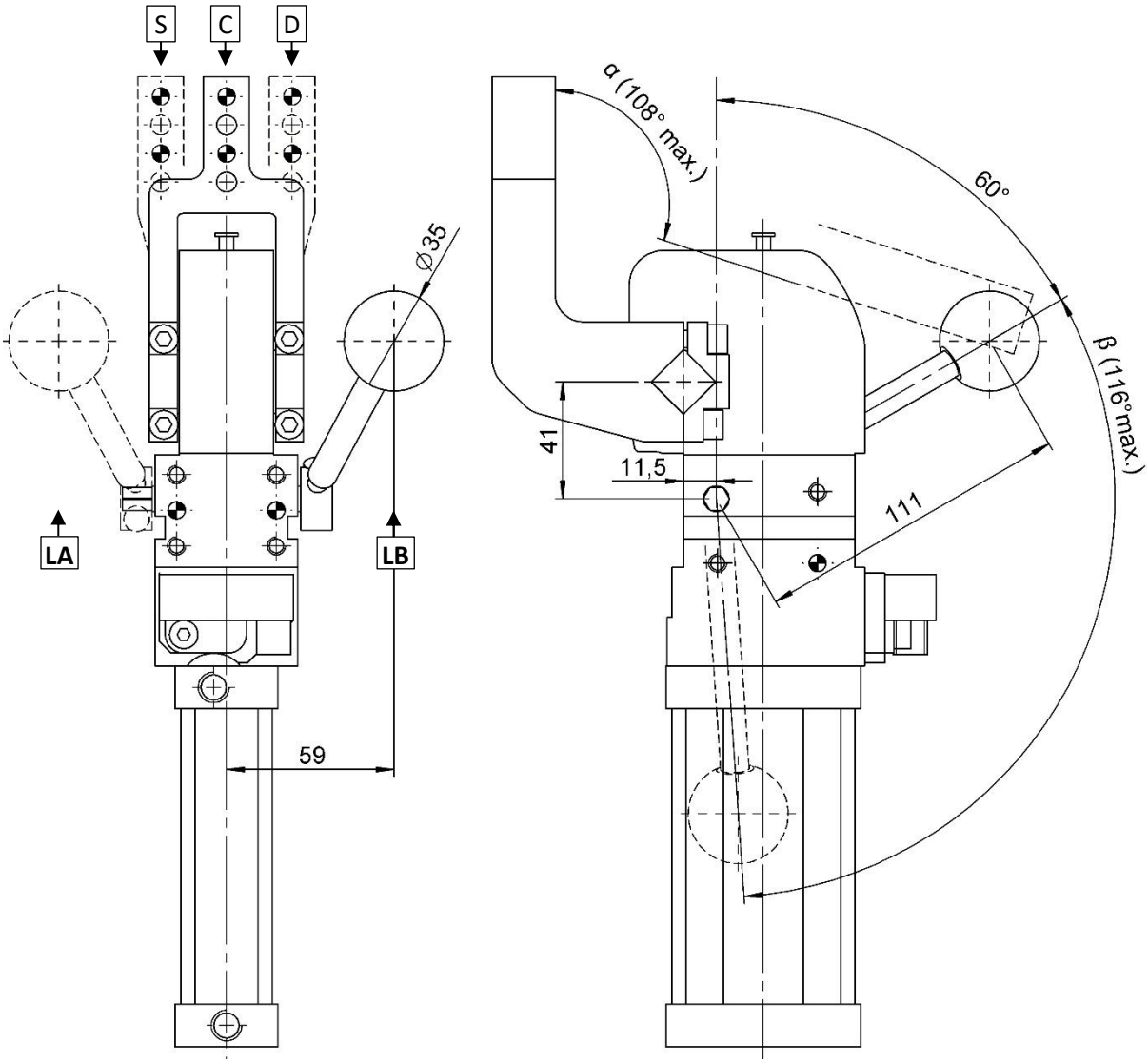
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...V3…	40	380	~ 2,7	3 – 7	200

CPLM40L…H3…

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Leva Orizz., Offset 45
Clamp, D.40, Vario Op. Angle, Hand Lever, Horiz. Arm, Offset 45



α	16°	31°	45°	61°	74°	91°	108°
β	41°	54°	63°	75°	84°	99°	116°

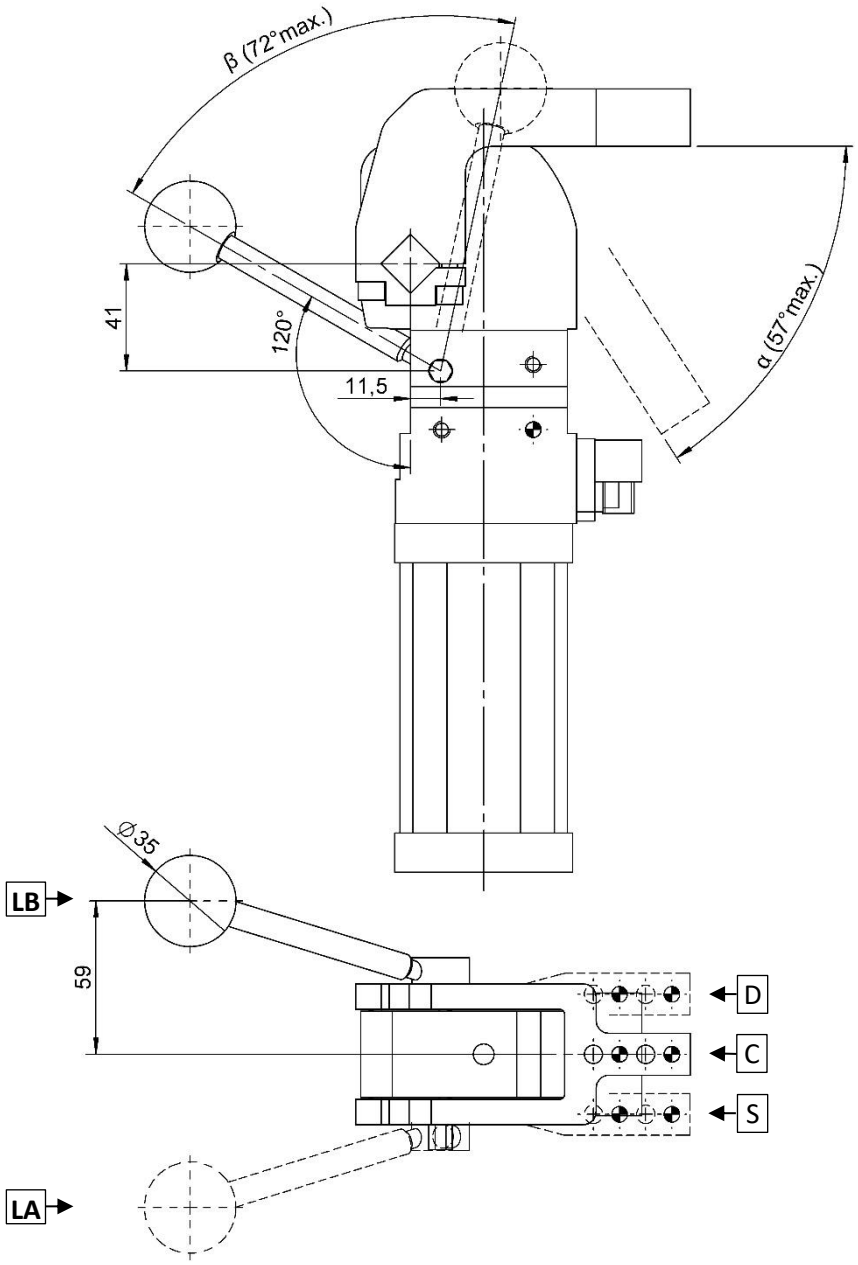
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...H3…	40	380	~ 2,7	3 – 7	200

CPLM40L…V3…S

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Vert. Sim., Offset 45
Clamp, D.40, Vario Op. Angle, Hand Lever, Vert. Sym., Offset 45



α	16°	31°	45°	57°
β	41°	54°	63°	72°

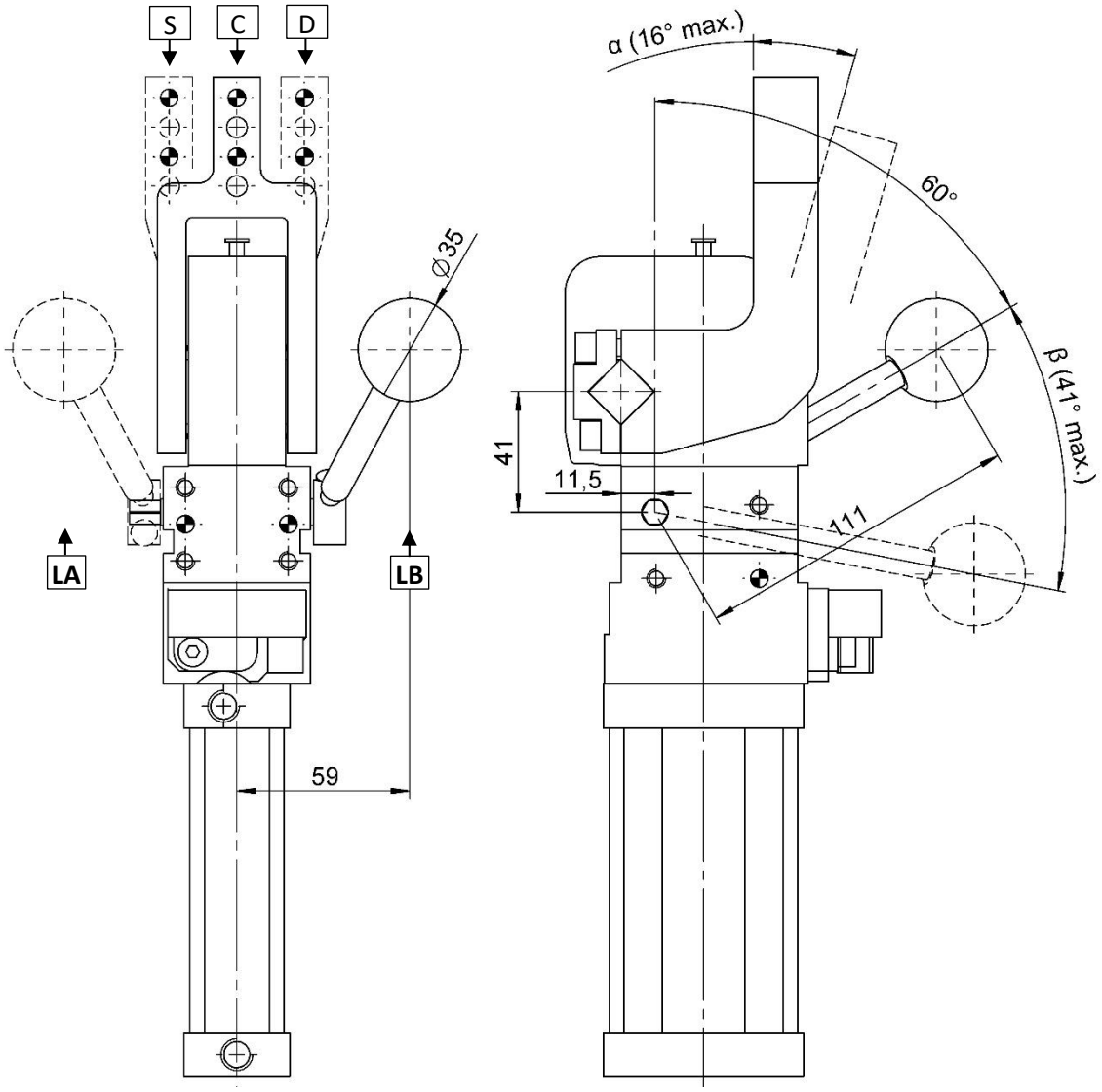
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...V3...S	40	380	~ 2,7	3 – 7	200

CPLM40L…H3…S

Chiusura, D.40, Ang. Vario, Cmd. Manuale, Orizz. Sim., Offset 45
Clamp, D.40, Vario Op. Angle, Hand Lever, Horiz. Sym., Offset 45



α	16°
β	41°

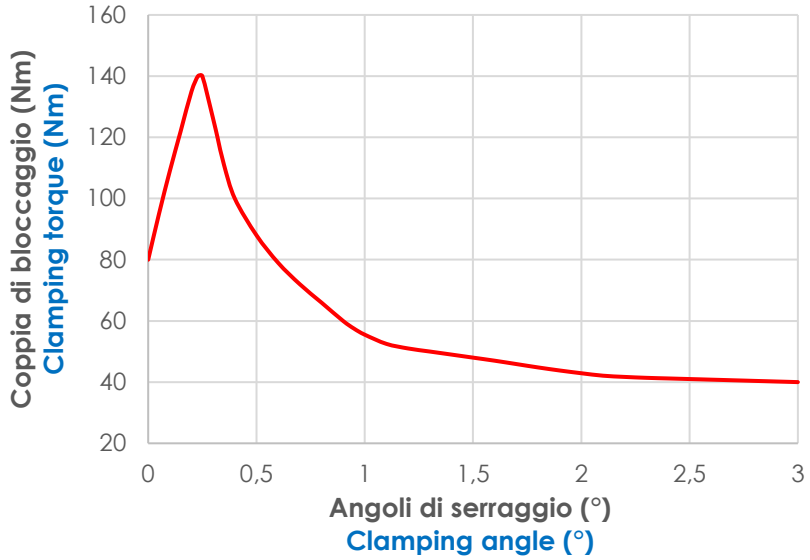
Leva comando manuale orientabile ad intervalli di 60°
Manual control adjustable in steps of 60°

#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

Modello Type	Alesaggio cilindro Cylinder bore	Momento di ritegno Holding moment	Peso Weight	Pressione d'esercizio Working pressure	Max. forza manuale applicabile Max. manual force
	[mm]	[Nm]	[Kg]	[bar]	[N]
CPLM40L...H3…S	40	380	~ 2,7	3 – 7	200

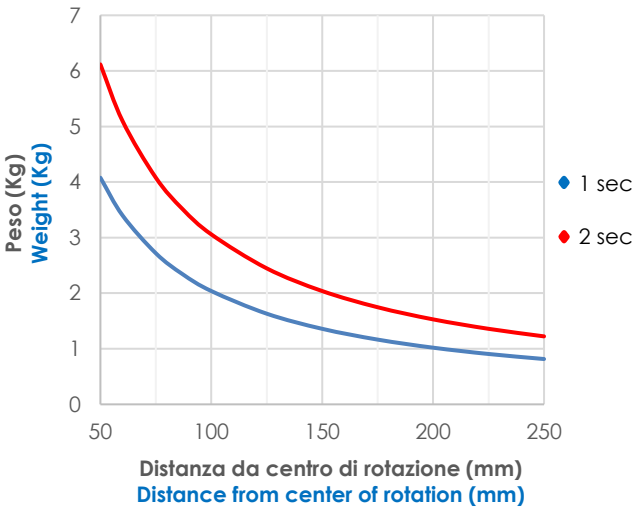
Diagrammi.
Diagrams.

Coppia di bloccaggio (Nm)
Clamping torque (Nm)

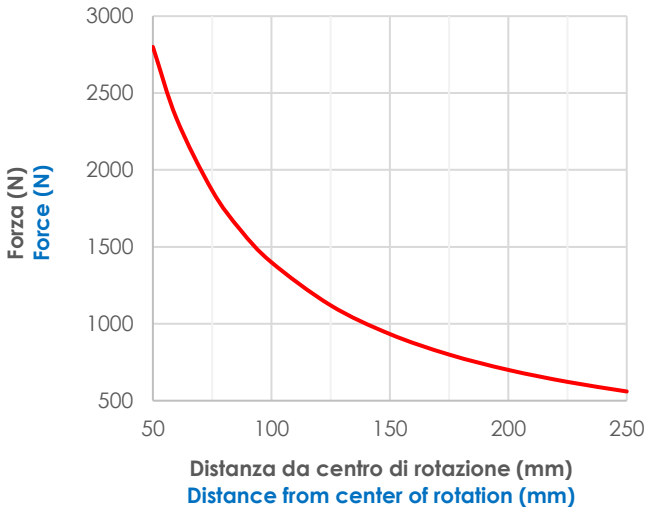


Coppia max. di bloccaggio (5 bar): **140 Nm**.
Max. clamping torque (5 bar): **140 Nm**.

Carico max. applicabile alla leva (Kg) a 5 bar.
Max. load applicable on the arm (Kg) at 5 bar.



Forza max. esercitata (N) a 5 bar.
Max. force applied (N) at 5 bar.



Modello Type	Coppia max. dipendente dal peso Max. torque By weight [Nm]		Coppia max. con tassello fuori asse The max torque for applications with the load out of axis [Nm]	
	1 sec	2 sec	1 sec	2 sec
CPL 40	2.0	3.0	1.6	2.4

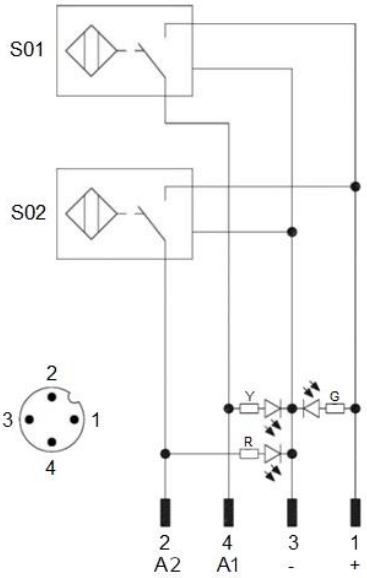
Schema Finecorsa induttivo M12 (cod. 09538/.../C).
Diagram for M12 inductive proximity switch (cod. 09538/.../C).

Caratteristiche tecniche:

- Tipo di uscita: PNP;
- Tensione d'alimentazione: 10-30 VDC;
- Corrente max. di commutazione: 150 mA;
- Consumo di corrente: < 20 mA;
- Calo di tensione: <1,8 V
- Campo di temperatura: -25° / 70° C.

Technical data:

- Output type: PNP;
- Feeding voltage: 10-30 VDC;
- Max. commutating current: 150 mA;
- Power supply: < 20 mA;
- Voltage drop: < 1,8 V;
- Temperature range: -25° / 70° C.

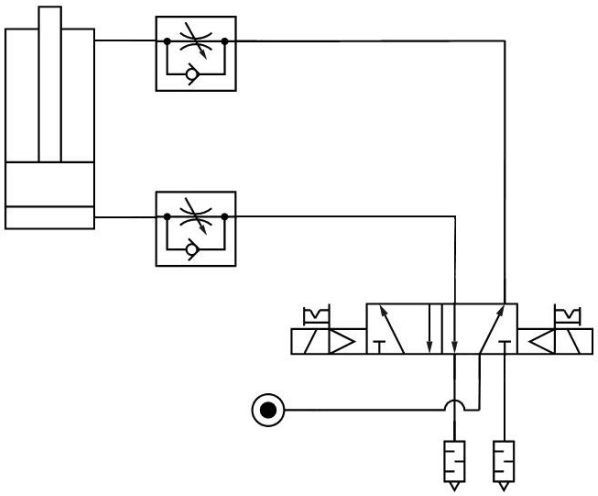


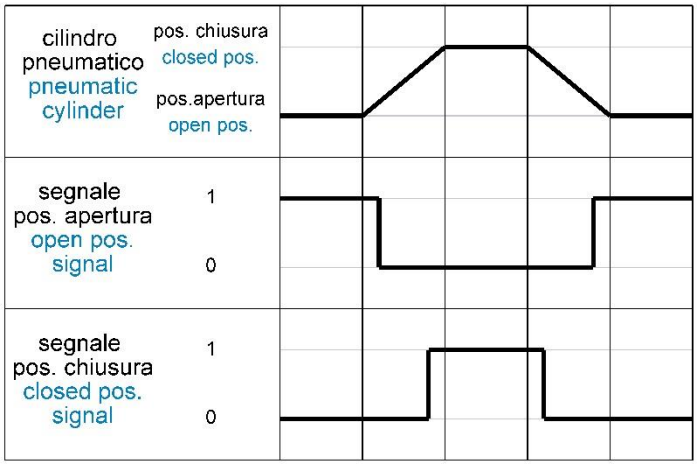
S01 = segnale d'apertura
S01 = opening signal
S02 = segnale di chiusura
S02 = closing signal

Y = LED giallo / yellow LED
G = LED verde / green LED
R = LED rosso / red LED

1 = filo marrone / brown wire
2 = filo nero / black wire
3 = filo blu / blue wire
4 = filo bianco /white wire

Schema pneumatico.
Pneumatic plan.





Istruzioni operative.
Operating instructions.

Modifica angolo d'apertura.

- Portare la leva in posizione di apertura. Svitare vite M6 e rimuovere amplificatore (Imm. 1)
- Svitare il grano M5 sottostante al sensore induttivo; (Imm. 2)
- Inserire nel foro una chiave con Ø max. di 4mm, e spingere la molla applicando una forza ≥ 100 N; (Imm. 3)
- Mantenere la spinta sulla molla e spostare manualmente la leva nella posizione desiderata;
- Rilasciare il sistema a molla per permettere l'aggancio automatico dei componenti.

Opening angle change.

- Bring the clamp in the opening position; Unscrew the M6 screw and remove the amplifier (Image 1)
- Unscrew the M5 socket screw below the inductive sensor; (Image 2)
- Put a key with Ø max. 4 mm into the hole, and push the spring applying a force ≥ 100 N; (Image 3)
- Keep pushing on the spring and move the clamp arm manually to the desired position;
- Release the spring to allow the automatic coupling of the components.

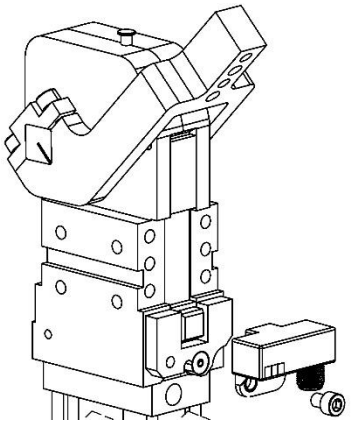


Immagine 1
Image 1

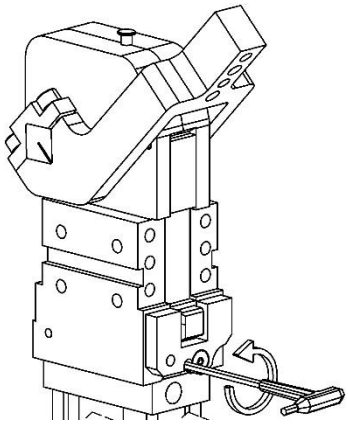


Immagine 2
Image 2

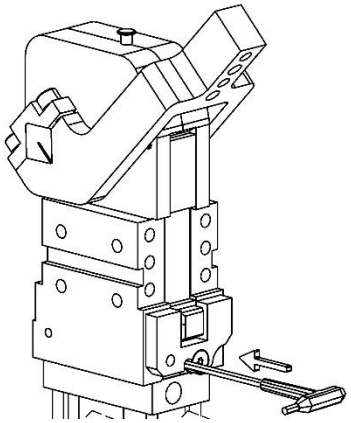


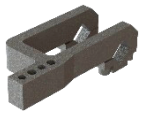
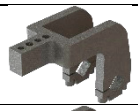
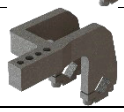
Immagine 3
Image 3

Angoli d'apertura.
Opening angle.

Tipo / Type	Angoli d'apertura CPL40 / Opening angles CPL40																																
	2	4	6	8	10	13	16	19	23	27	31	35	39	45	48	53	57	61	66	70	74	79	83	87	91	95	99	103	108	112	117	122	127	135
V1...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
H1...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
V1...S	●	●	●	●	●	●	●	●	●	●	●																							
H1...S	●	●	●	●	●	●	●	●	●	●	●	●	●	●																				
V2...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
H2...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
V2...S	●	●	●	●	●	●	●	●																										
H2...S	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●										
V3...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
H3...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
V3...S	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																	
H3...S	●	●	●	●	●	●	●																											

Tipo / Type	Angoli d'apertura CPLM40 / Opening angles CPLM40																												
	2	4	6	8	10	13	16	19	23	27	31	35	39	45	48	53	57	61	66	70	74	79	83	87	91	95	99	103	108
V1...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
H1...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
V1...S	●	●	●	●	●	●	●	●	●	●	●																		
H1...S	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
V2...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
H2...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
V2...S	●	●	●	●	●	●	●	●																					
H2...S	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
V3...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
H3...	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
V3...S	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●												
H3...S	●	●	●	●	●	●	●																						

Ricambi.
Spare parts.

# Kit	Immagine Picture	Descrizione Description	Articolo Article
Gruppo leva **Arm assebly**		Leva offset 15mm **V1C** / **H1C** / **V1CS** / **H1CS** Arm offset 15mm **V1C** / **H1C** / **V1CS** / **H1CS**	**09554/C**
		Leva offset 15mm **V1D** / **H1S** / **V1SS** / **H1DS** Arm offset 15mm **V1D** / **H1S** / **V1SS** / **H1DS**	**09554/DX/C**
		Leva offset 15mm **V1S** / **H1D** / **V1DS** / **H1SS** Arm offset 15mm **V1S** / **H1D** / **V1DS** / **H1SS**	**09554/SX/C**
		Leva offset 0mm **V2C** / **H2C** / **V2CS** / **H2CS** Arm offset 0mm **V2C** / **H2C** / **V2CS** / **H2CS**	**09555/C**
		Leva offset 0mm **V2D** / **H2S** / **V2SS** / **H2DS** Arm offset 0mm **V2D** / **H2S** / **V2SS** / **H2DS**	**09555/DX/C**
		Leva offset 0mm **V2S** / **H2D** / **V2DS** / **H2SS** Arm offset 0mm **V2S** / **H2D** / **V2DS** / **H2SS**	**09555/SX/C**
		Leva offset 45mm **V3C** / **H3C** / **V3CS** / **H3CS** Arm offset 45mm **V3C** / **H3C** / **V3CS** / **H3CS**	**09556/C**
		Leva offset 45mm **V3D** / **H3S** / **V3SS** / **H3DS** Arm offset 45mm **V3D** / **H3S** / **V3SS** / **H3DS**	**09556/DX/C**
		Leva offset 45mm **V3S** / **H3D** / **V3DS** / **H3SS** Arm offset 45mm **V3S** / **H3D** / **V3DS** / **H3SS**	**09556/SX/C**
Finecorsa **Proximity switch**		Finecorsa induttivo VEP completo (0°) per CPL40 Inductive proximity switch VEP (0°) for CPL40	**09538/1/C**
		Finecorsa induttivo VEP completo (0°) per CPLM40 Inductive proximity switch VEP (0°) for CPLM40	**09538/M1/C**
		Finecorsa induttivo VEP completo (90°) per CPL40 Inductive proximity switch VEP (90°) for CPL40	**09538/2/C**
		Finecorsa induttivo VEP completo (90°) per CPLM40 Inductive proximity switch VEP (90°) for CPLM40	**09538/M2/C**
Barra sensore **Sensor bar**		Barra satelliti sensore per CPL40 Sensor satellite bar for CPL40	**09538**
		Barra satelliti sensore per CPLM40 Sensor satellite bar for CPLM40	**09538/M**
Blocchetto amplificatore **Sensor amplifier**		Blocchetto amplificatore M12 connettore 0° Power sensor amplifier M12 connector 0°	**3/436**
		Blocchetto amplificatore M12 connettore 90° Power sensor amplifier M12 connector 90°	**3/437**

Kit guarnizioni **Seals kit**		Guarnizioni cilindro pneumatico Seal components for pneumatic cylinder	**SCR-CPL40**
Cilindro pneumatico **Pneumatic cylinder**		Cilindro pneumatico completo per CPL40 Complete pneumatic cylinder for CPL40	**09506/C**
		Cilindro pneumatico completo per CPLM40 Complete pneumatic cylinder for CPLM40	**09506/M/C**
Leva comando manuale **Manual control lever**		Leva comando manuale chiusura CPLM… Lever manual control pneumatic clamp CPLM…	**09733/C**

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