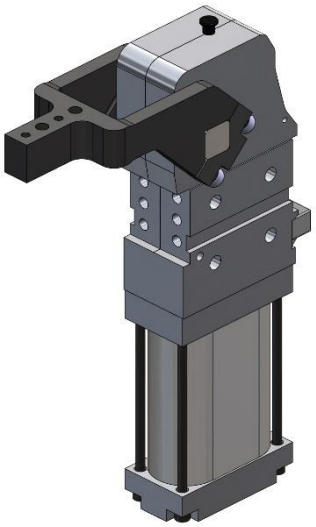
VEP AUTOMATION
Clamping technologies made in Italy since 1966

Chiusura pneumatica CPL50/63
Pneumatic clamp CPL50/63

Caratteristiche principali:

- Fianchetti in alluminio
- Dispositivo a ginocchiera
- Angolo di apertura facilmente modificabile
- Perno di controllo della posizione finale
- Leve versatili in ghisa V e H
- 4 possibilità di staffaggio (fronte, retro e sui lati)
- 2 differenti alesaggi del cilindro pneumatico: 50 e 63 mm
- 2 fori di connessione G1/4"
- Finecorsa induttivo (connessione M12x1)
- Comando manuale
- Tassello fermo leva esterno (optional)



Main characteristics:

- Aluminum flanks
- Toggle action mechanism
- Opening angle easily adjustable
- Checking pin for verifying the end position
- Versatile iron steel arms V and H
- 4 mounting areas (front, back, on the sides)
- 2 different pneumatic cylinder bores: 50 and 63 mm
- 2 feeding ports G1/4"
- Inductive proximity switch (connection M12x1)
- Hand lever
- External arm hard stop (optional)

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Codice d'ordine.
Ordering example.

CPL50	LA	V1C	I 1	G	–	107

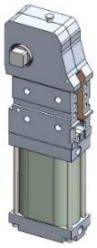
Modello ed alesaggio cilindro:
Model and cylinder bore

CPL50
chiusura standard CPL
alesaggio Ø50mm
standard clamp CPL
cylinder bore Ø50mm

CPLM50
chiusura standard CPL con comando manuale
alesaggio Ø50mm
standard clamp CPL with hand lever cylinder bore Ø50mm

CPL63
chiusura standard CPL
alesaggio Ø63mm
standard clamp CPL
cylinder bore Ø63mm

CPLM63
chiusura standard CPL con comando manuale
alesaggio Ø63mm
standard clamp CPL with hand lever cylinder bore 63mm



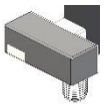
Posizione comando manuale:
(specificare solo per tipologia CPLM...)
Hand lever position:
(specify only for CPLM... type)

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 (90°)
inductive proximity switch VEP (90°)

Tipologia fori d'alimentazione:
Feeding ports type:

G: fori tipo G 1/4"
ports type G 1/4"
N: fori tipo 1/4" NPT
ports type 1/4" NPT

Angolo d'apertura regolabile:
Adjustable opening angle:

	da	a	Standard
V...	2,5°	135°	122°
H...	2,5°	107°	107°
V1...S	2,5°	16°	16°
V3...S	2,5°	26°	26°
H...S	2,5°	75°	75°

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:

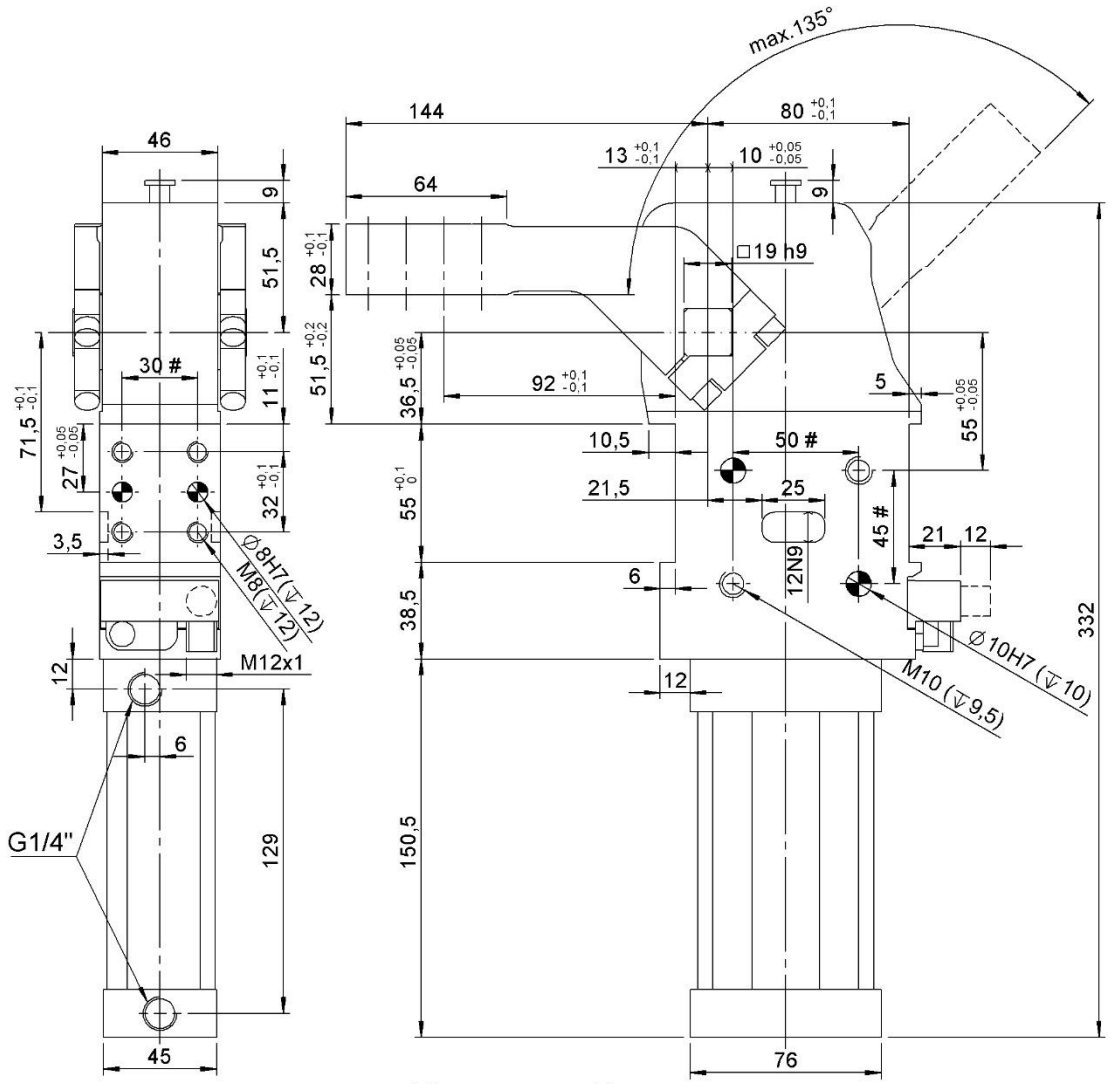
XXX: senza leva
without arm

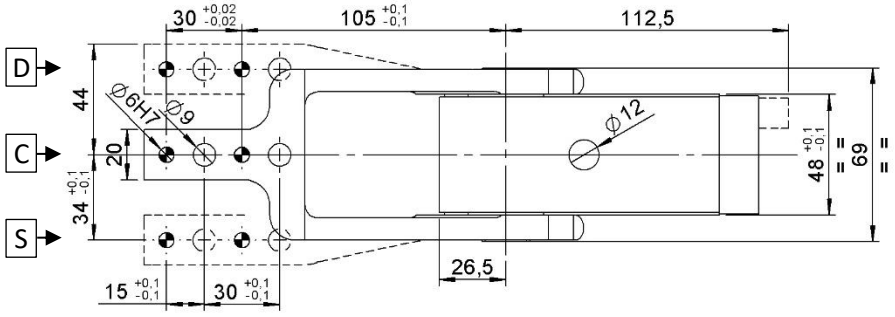
V1C, V1D e V1S (vedere pag. 3&11) (see page 3&11)
H1C, H1D e H1S (vedere pag. 4&12) (see page 4&12)
V1CS, V1DS e V1SS (vedere pag. 5&13) (see page 5&13)
H1CS, H1DS e H1SS (vedere pag. 6&14) (see page 6&14)
V3C, V3D e V3S (vedere pag. 7&15) (see page 7&15)
H3C, H3D e H3S (vedere pag. 8&16) (see page 8&16)
V3CS, V3DS e V3SS (vedere pag. 9&17) (see page 9&17)
H3CS, H3DS e H3SS (vedere pag. 10&18) (see page 10&18)

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.
Disponibile la versione CPL "T" con tassello fermo leva esterno (vedere pag. 32)
Available version CPL "T" with external arm hard stop (see page 32)

CPL50 V1...

Chiusura, D.50, Ang. Vario, Leva verticale, Offset 15
Clamp, D.50, 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.

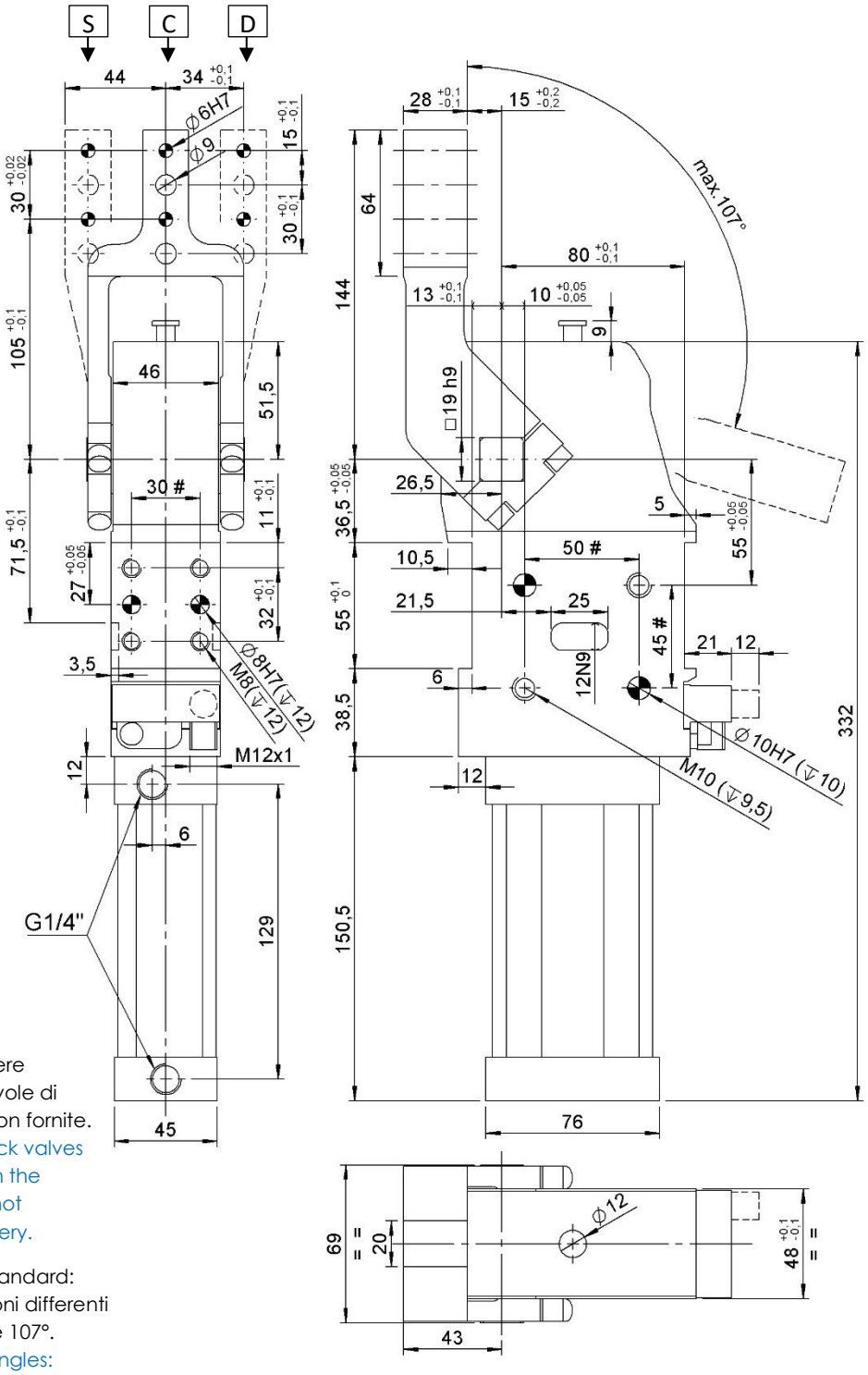
Angoli di apertura standard: settabile in 35 posizioni differenti in un range tra 2,5° e 135°.
Standard opening angles: settable in 35 different positions in a range between 2,5° and 135°.

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]
CPL50 V1...	50	1300	~ 4	4 – 8	250	3,0

CPL50 H1…

Chiusura, D.50, Ang. Vario, Leva orizzontale, Offset 15
Clamp, D.50, Vario Op. Angle, Horizontal arm, Offset 15



Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
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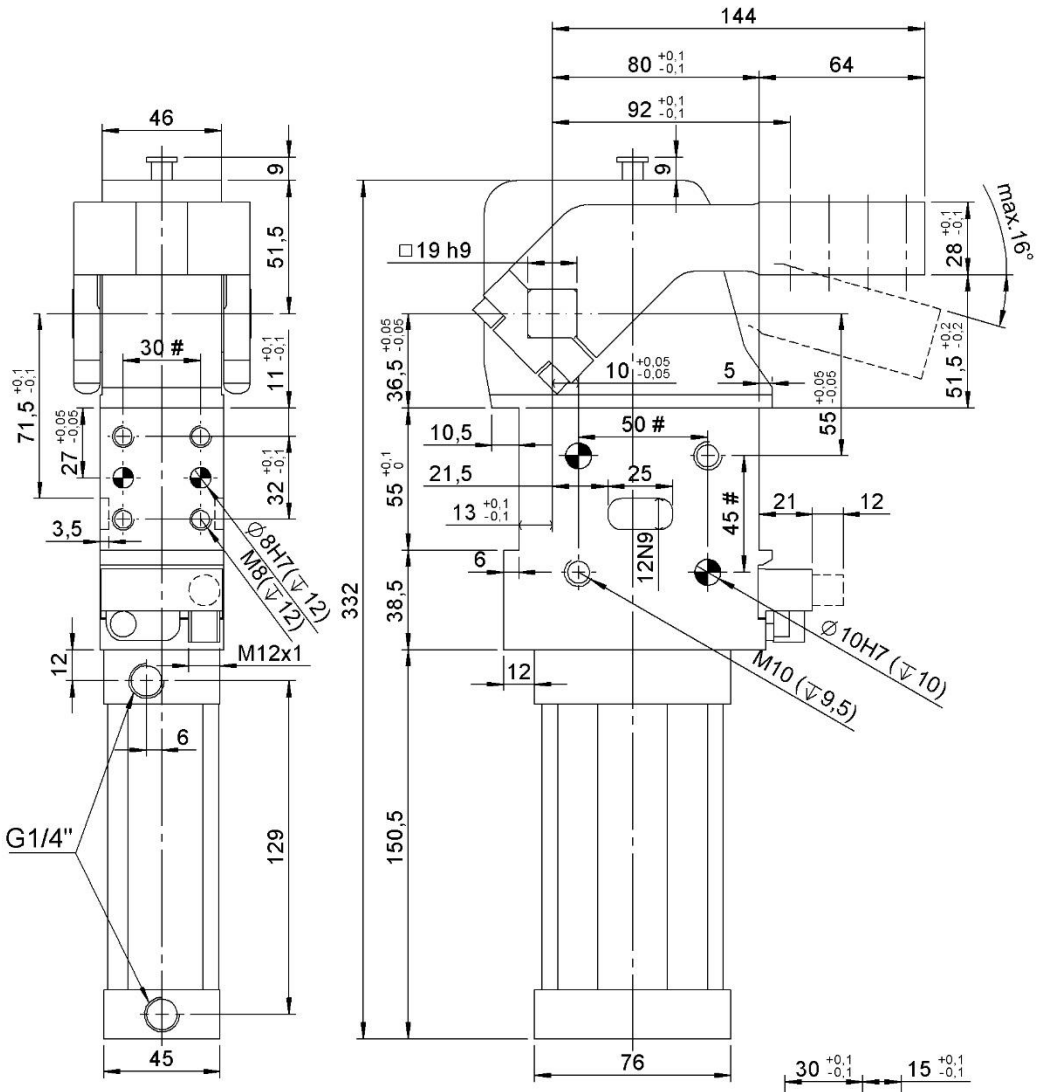
Angoli di apertura standard: settabile in 30 posizioni differenti in un range tra 2,5° e 107°.
Standard opening angles: settable in 30 different positions in a range between 2,5° and 107°.

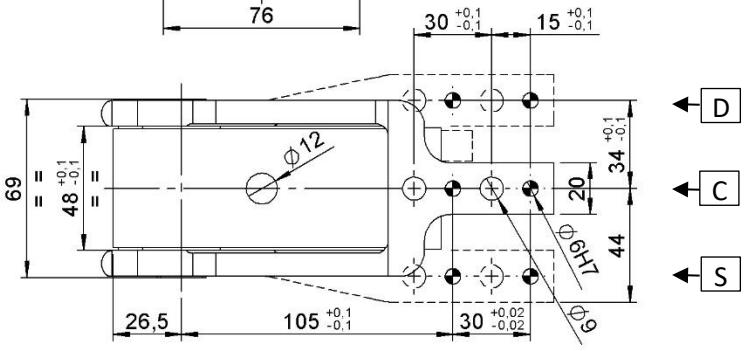
#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

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]
CPL50 H1…	50	1300	~ 4	4 – 8	250	2,6

CPL50 V1...S

Chiusura, D.50, Ang. Vario, Leva verticale simmetrica, Offset 15
Clamp, D.50, 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.

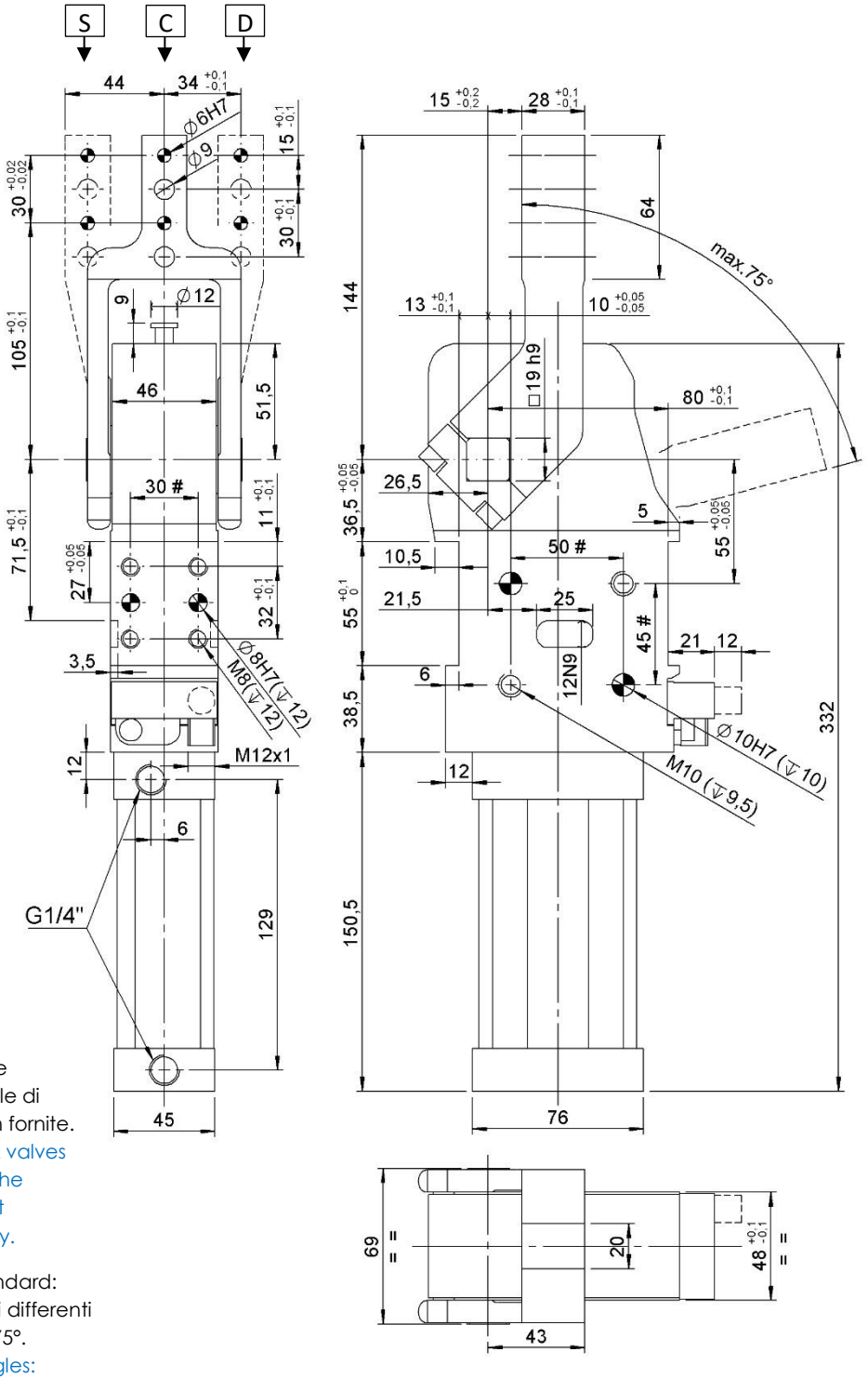
Angoli di apertura standard: settabile in 7 posizioni differenti in un range tra 2,5° e 16°.
Standard opening angles: settable in 7 different positions in a range between 2,5° and 16°.

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]
CPL50 V1...S	50	1300	~ 4	4 – 8	250	0,9

CPL50 H1…S

Chiusura, D.50, Ang. Vario, Leva orizzontale simmetrica, Offset 15
Clamp, D.50, 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.

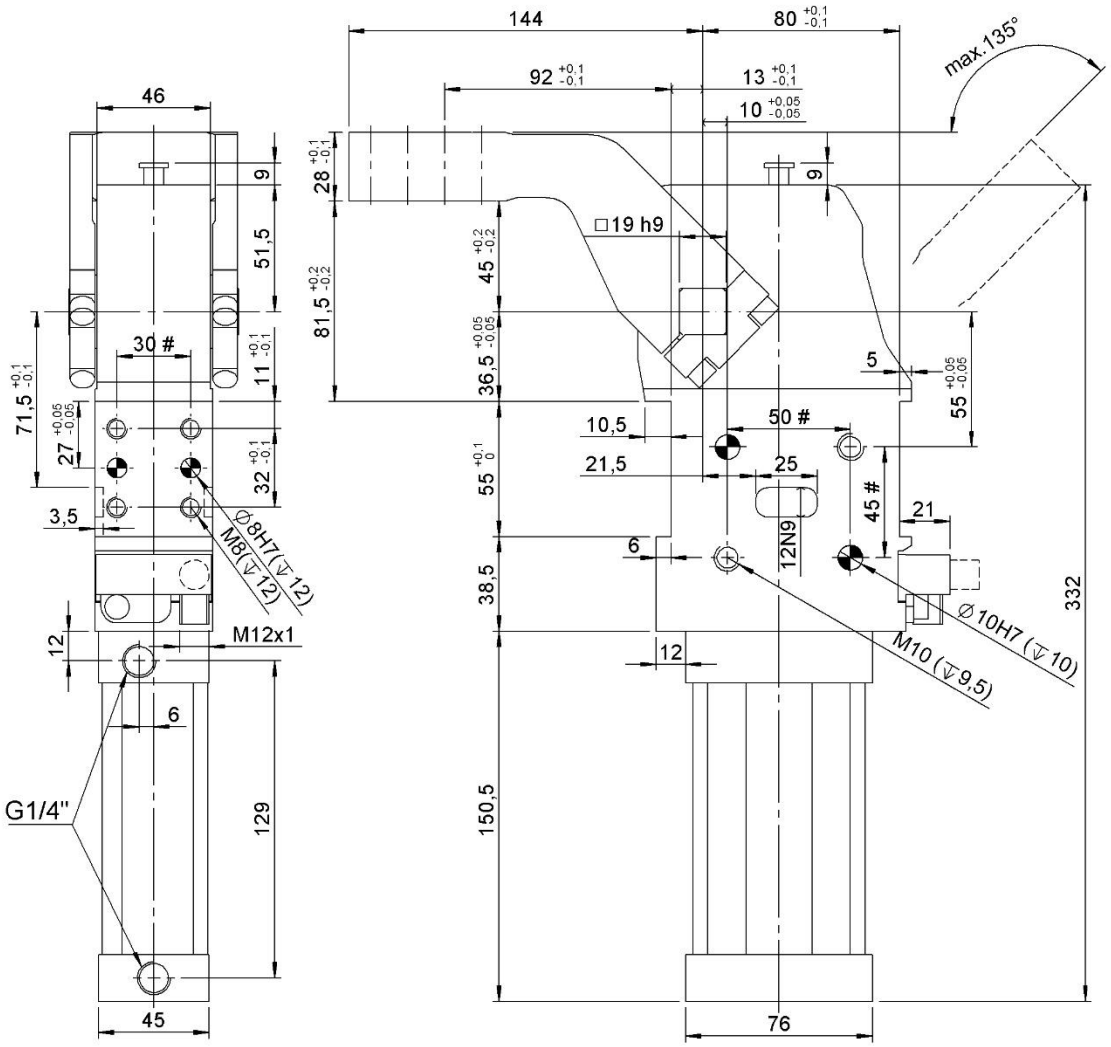
Angoli di apertura standard: settabile in 22 posizioni differenti in un range tra 2,5° e 75°.
Standard opening angles: settable in 22 different positions in a range between 2,5° and 75°.

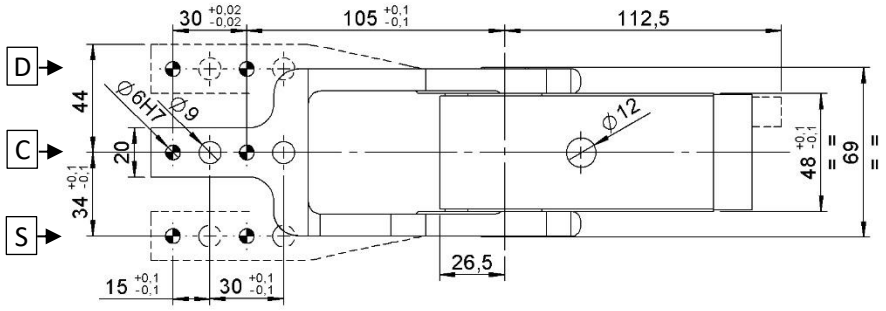
#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

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]
CPL50 H1…S	50	1300	~ 4	4 – 8	250	2,0

CPL50 V3...

Chiusura, D.50, Ang. Vario, Leva verticale, Offset 45
Clamp, D.50, 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.

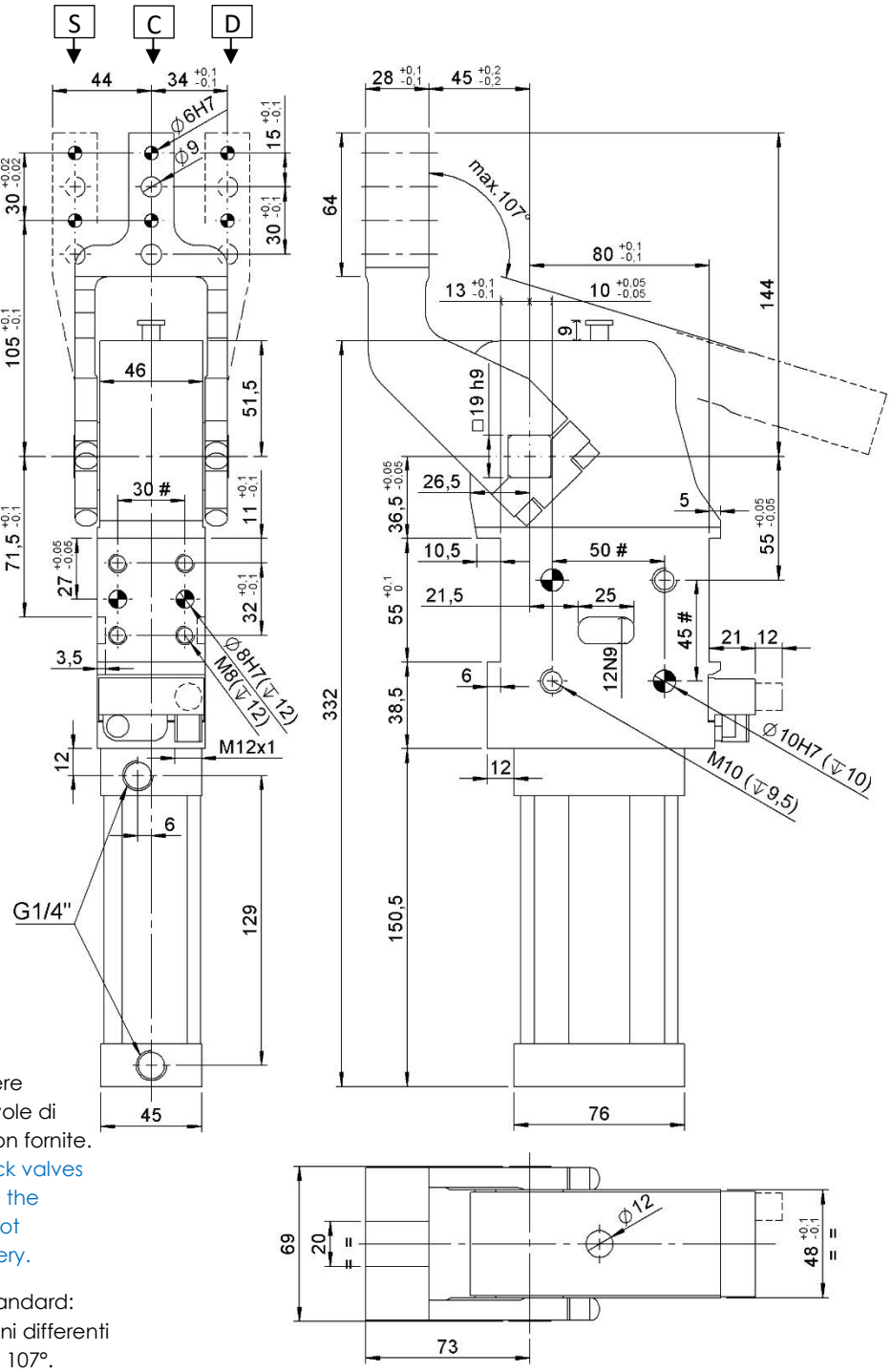
Angoli di apertura standard: settabile in 35 posizioni differenti in un range tra 2,5° e 135°.
Standard opening angles: settable in 35 different positions in a range between 2,5° and 135°.

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]
CPL50 V3...	50	1300	~ 4	4 – 8	250	3,0

CPL50 H3...

Chiusura, D.50, Ang. Vario, Leva orizzontale, Offset 45
Clamp, D.50, 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.

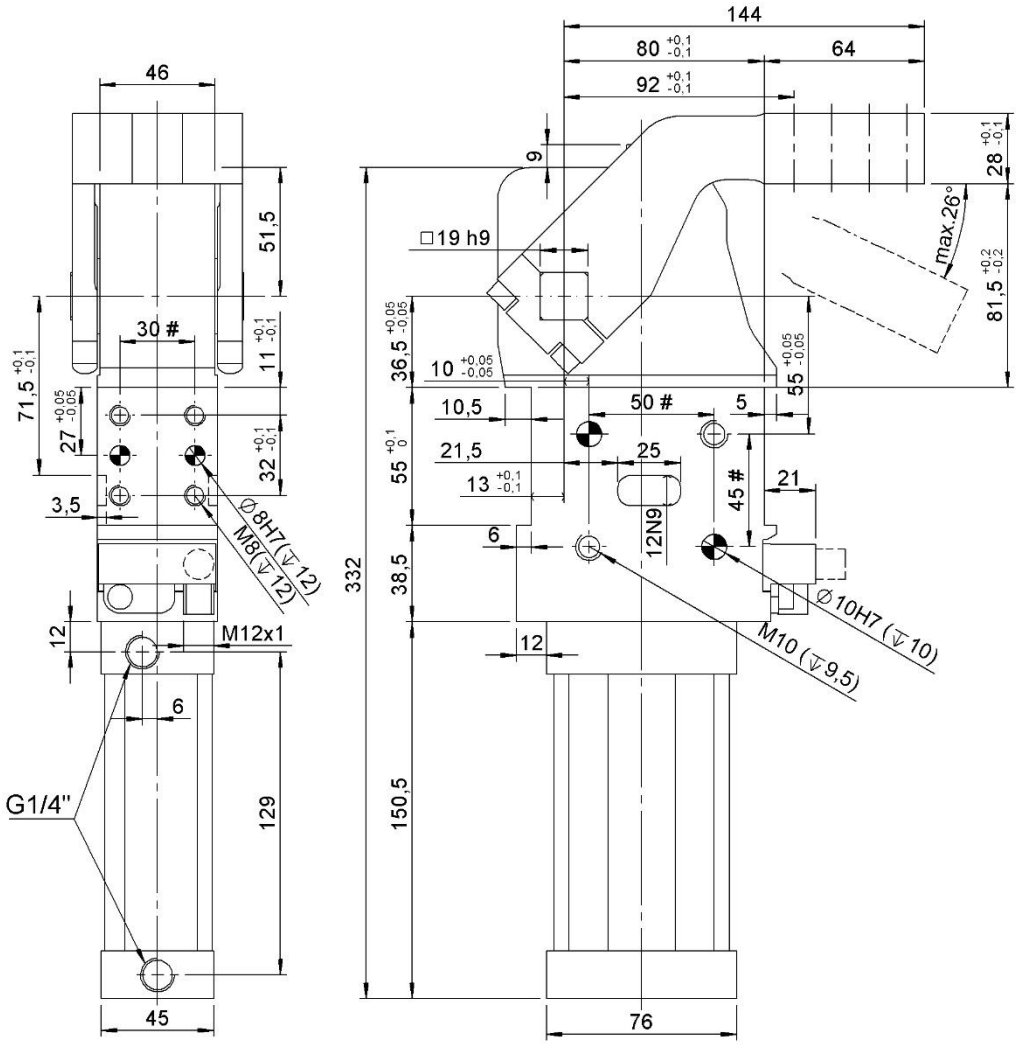
Angoli di apertura standard: settabile in 30 posizioni differenti in un range tra 2,5° e 107°.
Standard opening angles: settable in 30 different positions in a range between 2,5° and 107°.

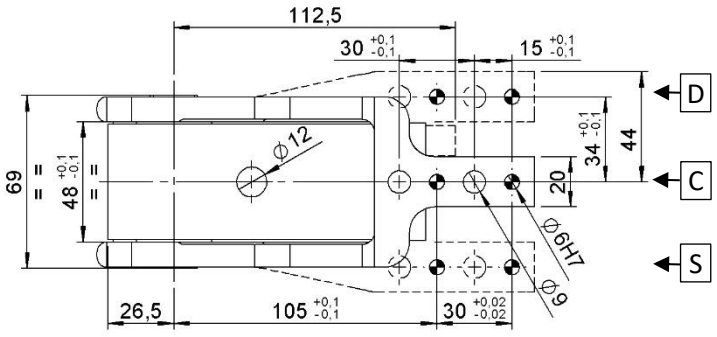
#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

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]
CPL50 H3...	50	1300	~ 4	4 – 8	250	2,6

CPL50 V3...S

Chiusura, D.50, Ang. Vario, Leva verticale simmetrica, Offset 45
Clamp, D.50, 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.

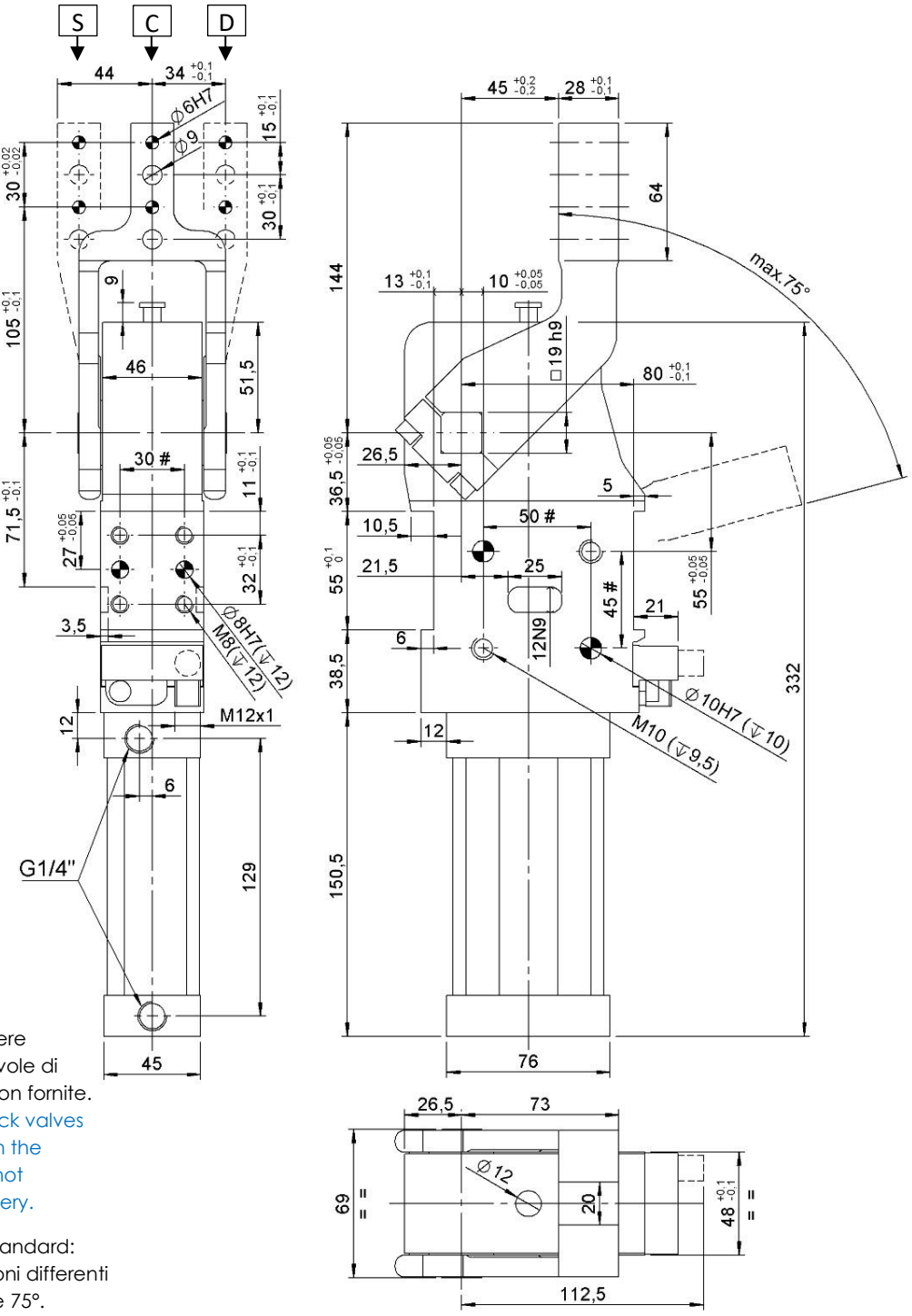
Angoli di apertura standard: settabile in 7 posizioni differenti in un range tra 2,5° e 26°.
Standard opening angles: settable in 7 different positions in a range between 2,5° and 26°.

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]
CPL50 V3...S	50	1300	~ 4	4 – 8	250	1,0

CPL50 H3…S

Chiusura, D.50, Ang. Vario, Leva orizzontale simmetrica, Offset 45
Clamp, D.50, 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.

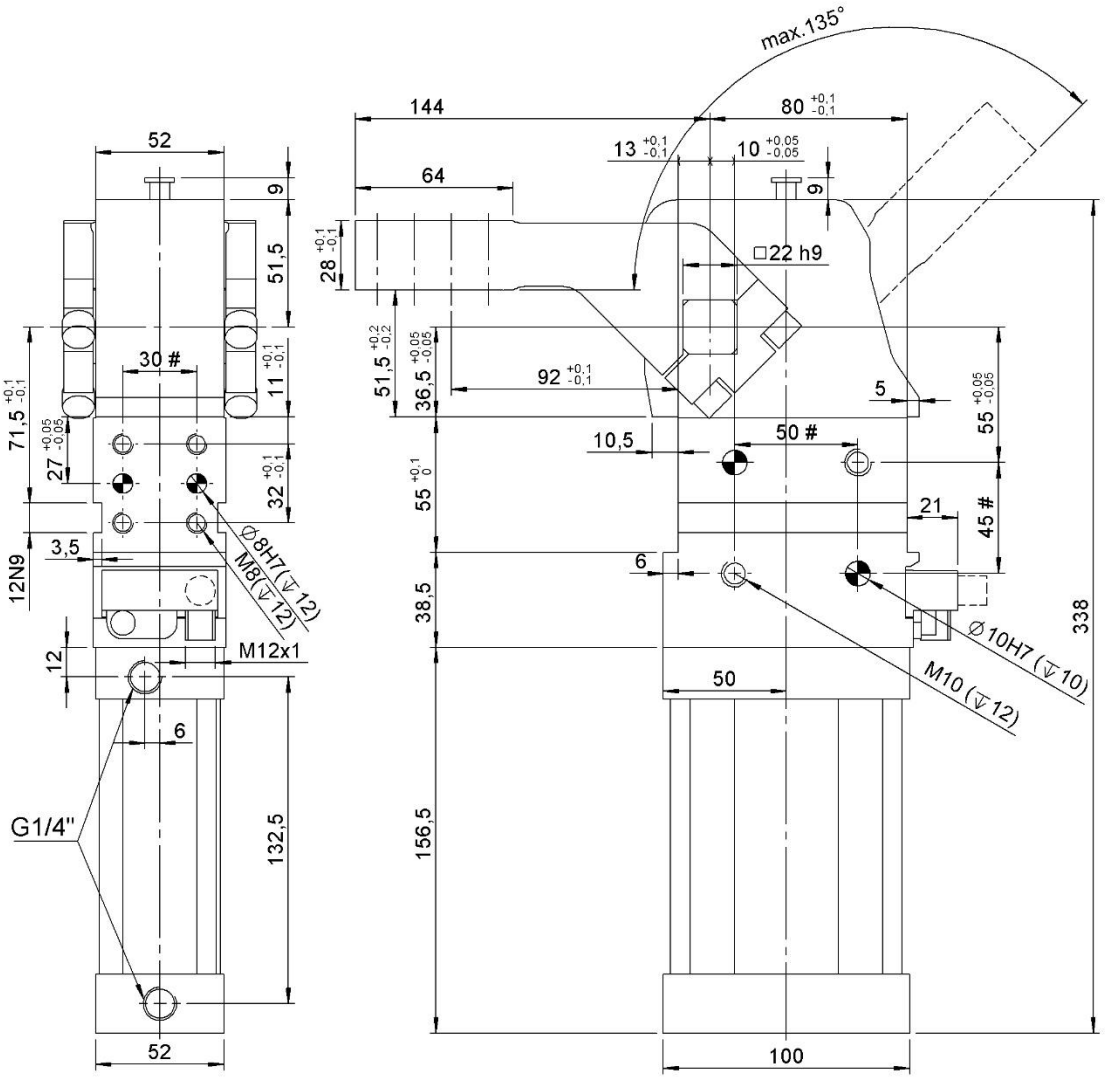
Angoli di apertura standard: settabile in 22 posizioni differenti in un range tra 2,5° e 75°.
Standard opening angles: settable in 22 different positions in a range between 2,5° and 75°.

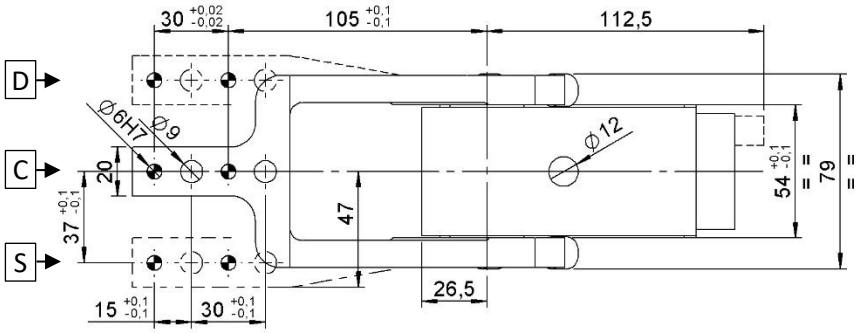
#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

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]
CPL50 H3…S	50	1300	~ 4	4 – 8	250	2,0

CPL63 V1...

Chiusura, D.63, Ang. Vario, Leva verticale, Offset 15
Clamp, D.63, Vario Op. Angle, Vertical arm, Offset 15





Il dispositivo dev'essere equipaggiato di valvole di regolazione flusso, non fornite.
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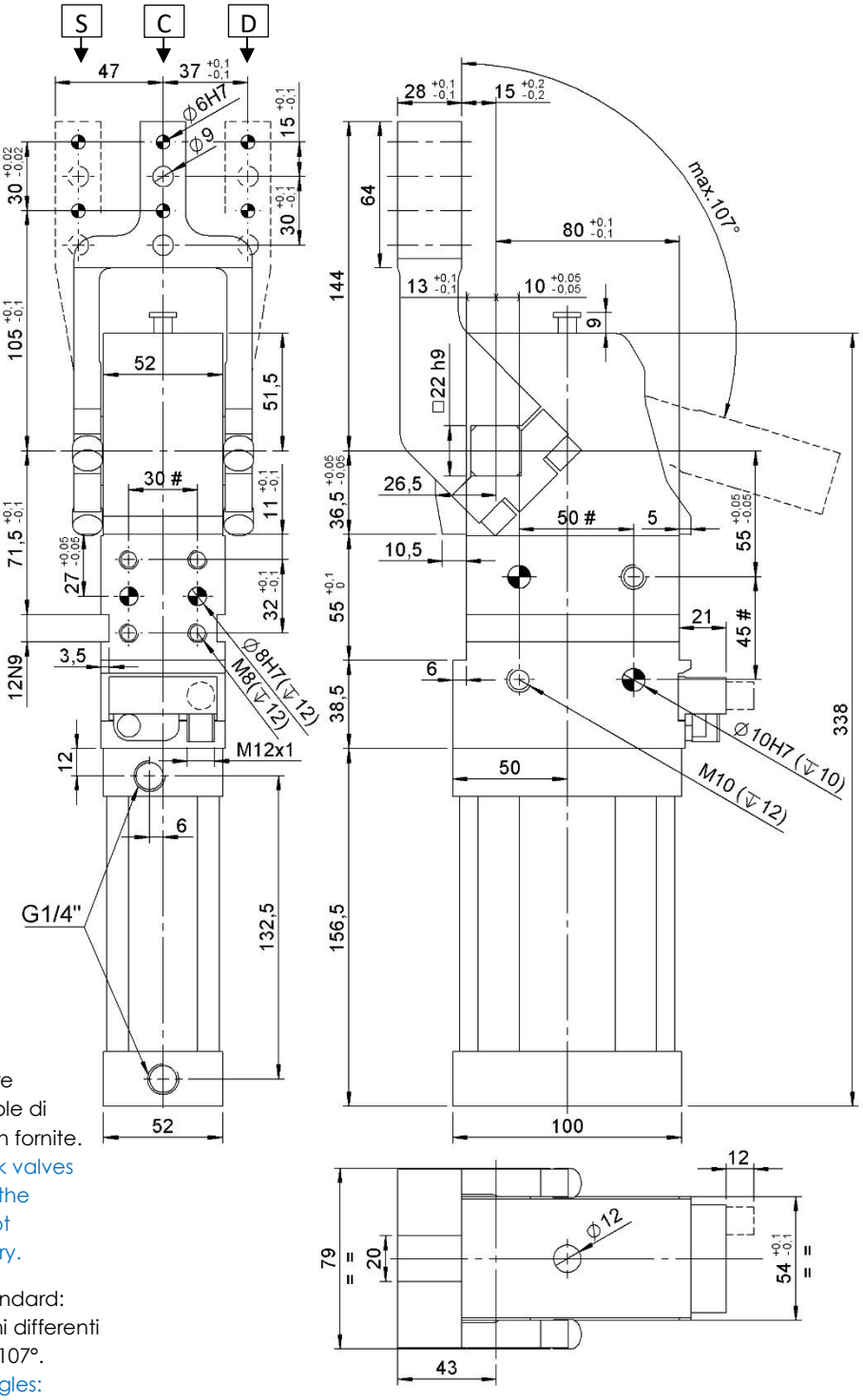
Standard opening angles: settable in 35 different positions in a range between 2,5° and 135°.

#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]
CPL63 V1...	63	1700	~ 5	4 – 8	420	3,8

CPL63 H1...

Chiusura, D.63, Ang. Vario, Leva orizzontale, Offset 15
Clamp, D.63, 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.

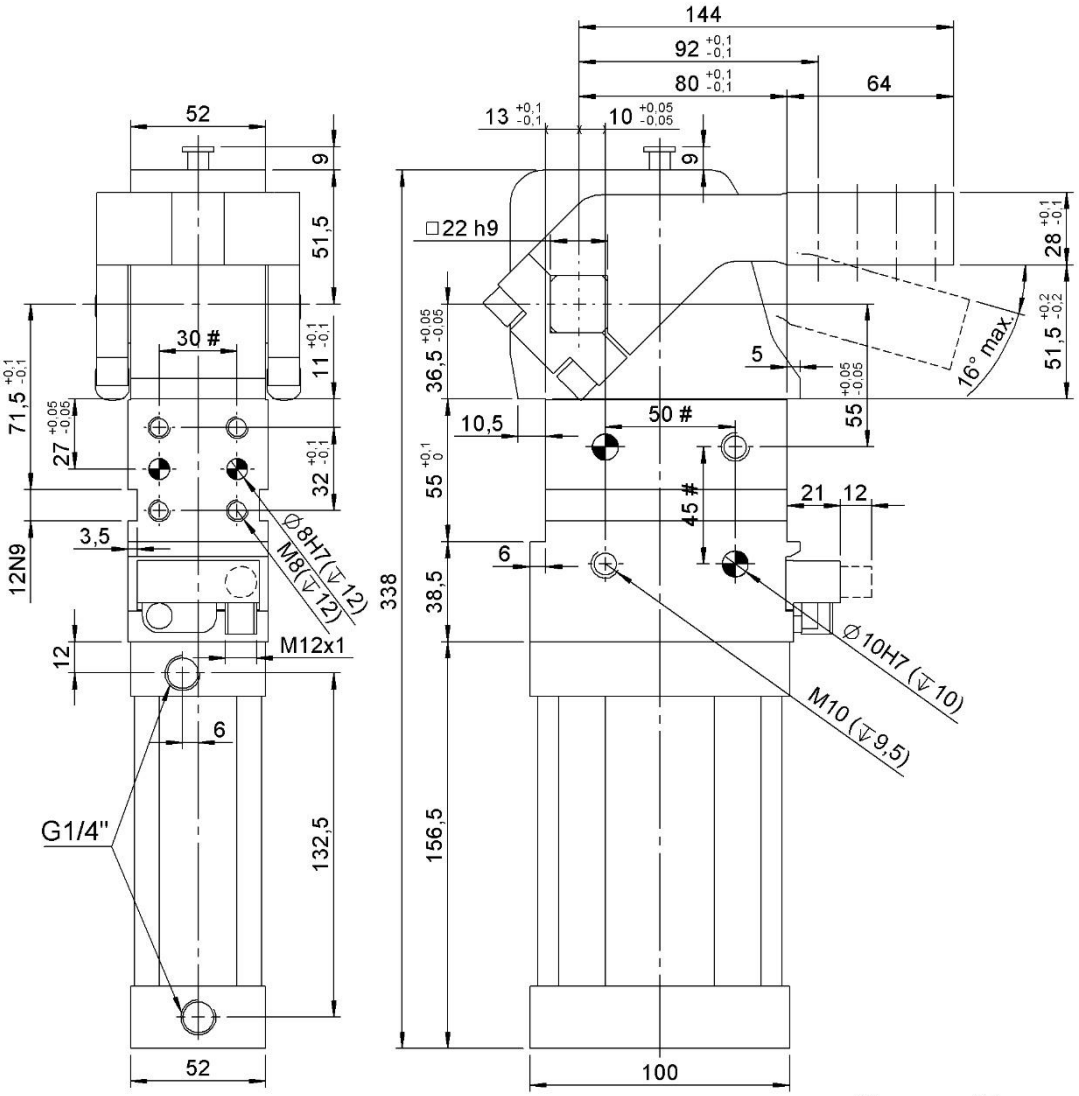
Angoli di apertura standard: settabile in 30 posizioni differenti in un range tra 2,5° e 107°.
Standard opening angles: settable in 30 different positions in a range between 2,5° and 107°.

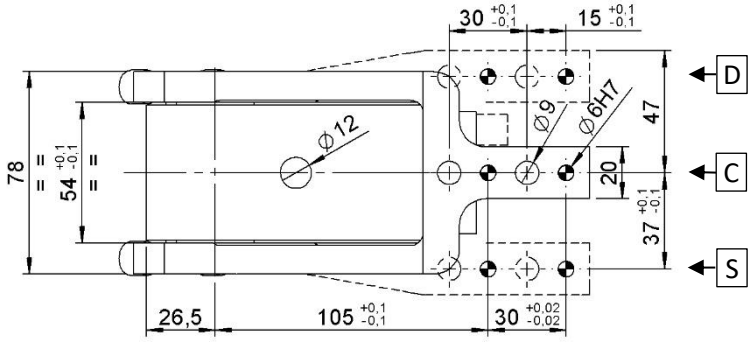
#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

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]
CPL63 H1...	63	1700	~ 5	4 – 8	420	3,2

CPL63 V1...S

Chiusura, D.63, Ang. Vario, Leva verticale simmetrica, Offset 15
Clamp, D.63, 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.

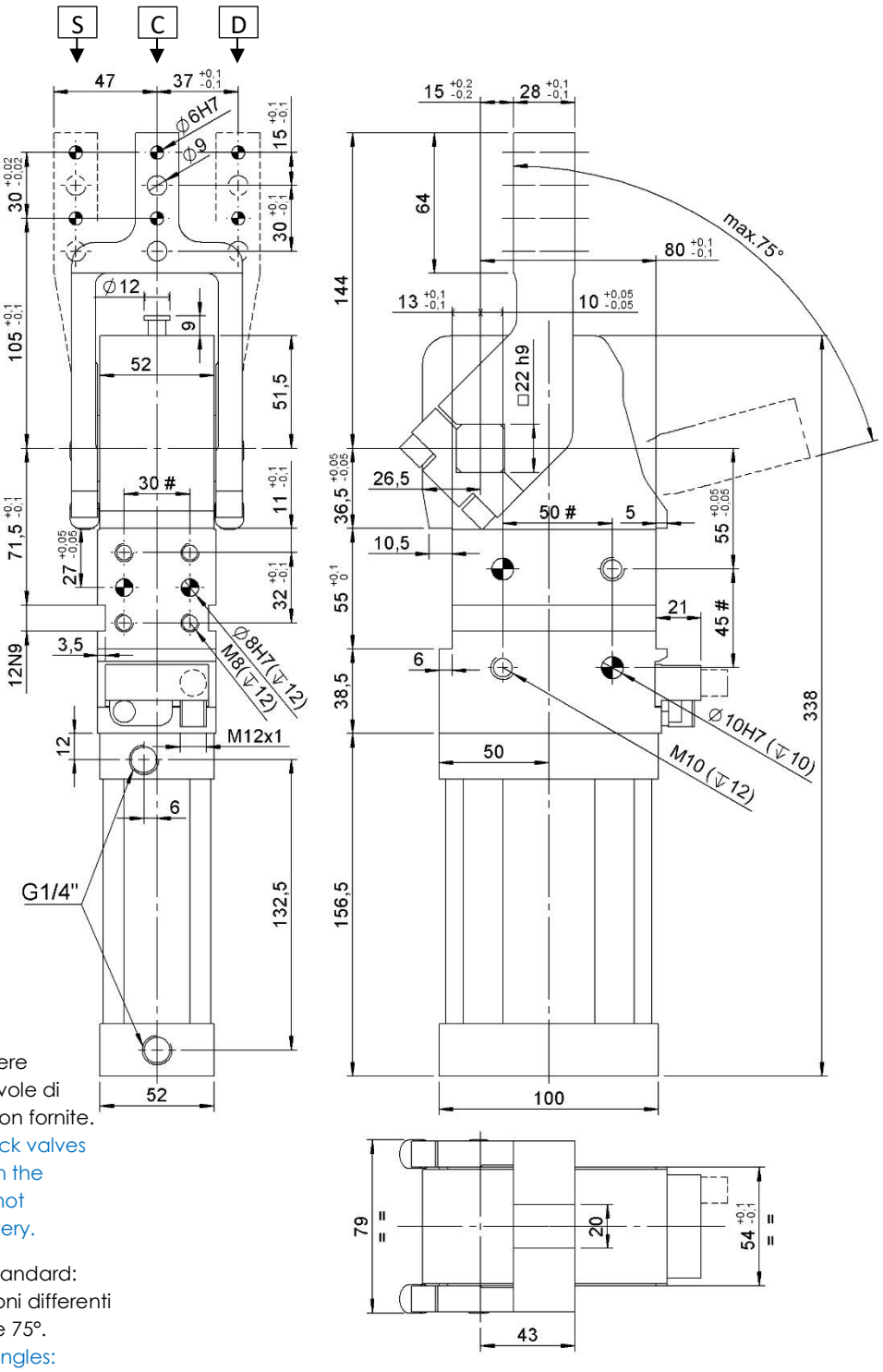
Angoli di apertura standard: settabile in 7 posizioni differenti in un range tra 2,5° e 16°.
Standard opening angles: settable in 7 different positions in a range between 2,5° and 16°.

#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]
CPL63 V1...S	63	1700	~ 5	4 – 8	420	1,1

CPL63 H1…S

Chiusura, D.63, Ang. Vario, Leva orizzontale simmetrica, Offset 15
Clamp, D.63, 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.

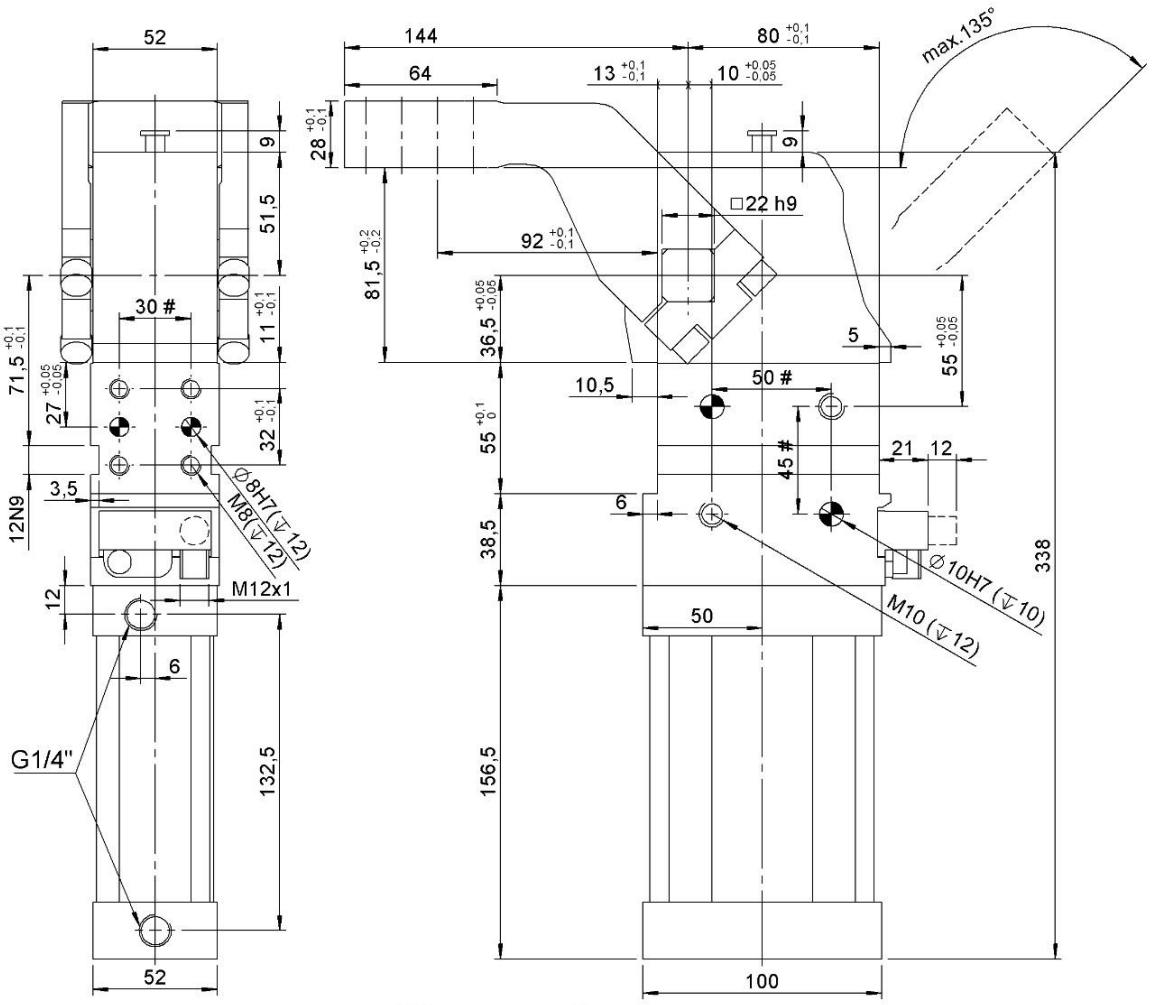
Angoli di apertura standard: settabile in 22 posizioni differenti in un range tra 2,5° e 75°.
Standard opening angles: settable in 22 different positions in a range between 2,5° and 75°.

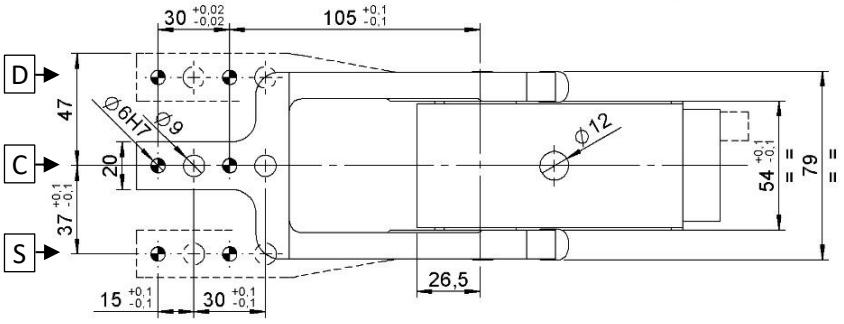
#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

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]
CPL63-H1…S	63	1700	~ 5	4 – 8	420	2,5

CPL63 V3...

Chiusura, D.63, Ang. Vario, Leva verticale, Offset 45
Clamp, D.63, 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.

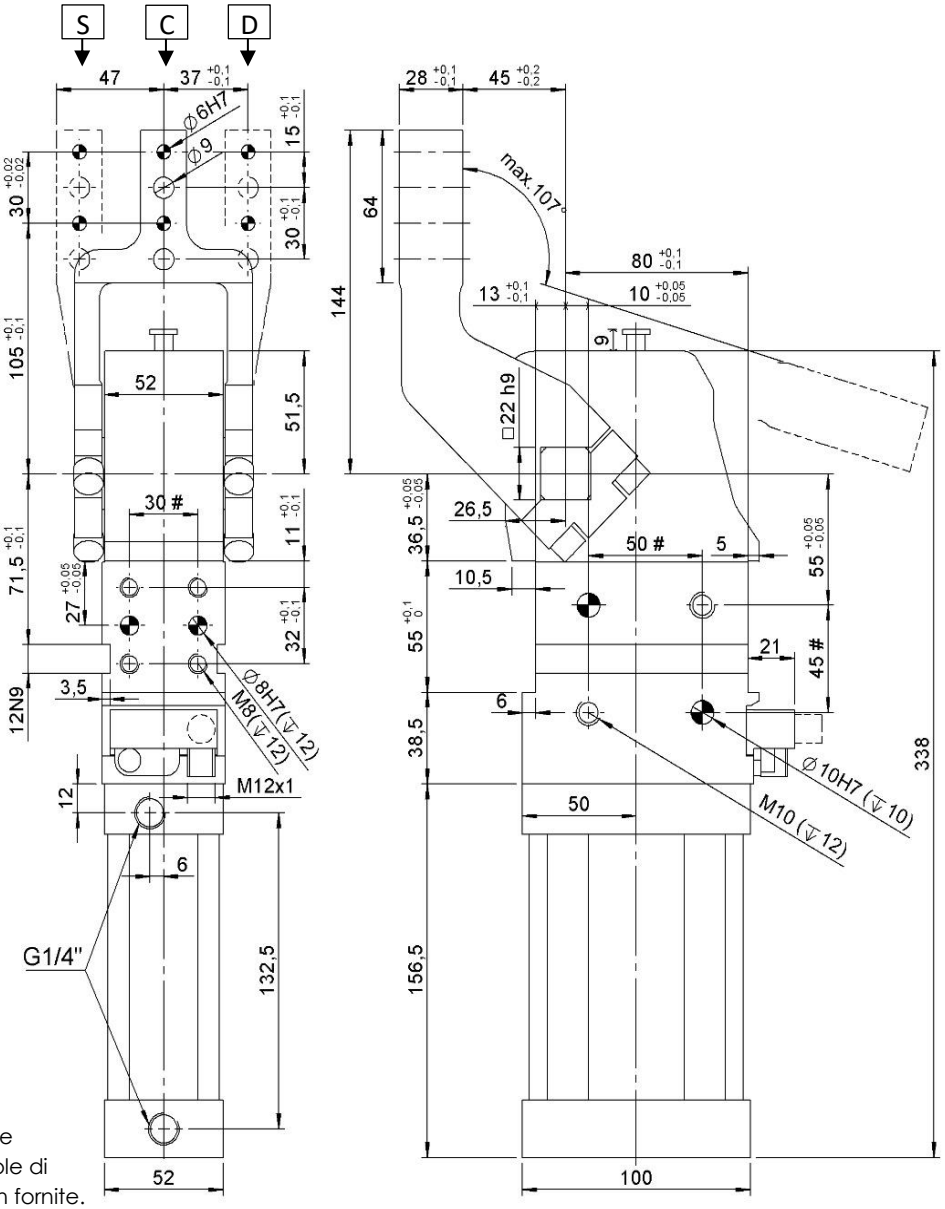
Angoli di apertura standard: settabile in 35 posizioni differenti in un range tra 2,5° e 135°.
Standard opening angles: settable in 35 different positions in a range between 2,5° and 135°.

#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]
CPL63 V3...	63	1700	~ 5	4 – 8	420	3,8

CPL63 H3...

Chiusura, D.63, Ang. Vario, Leva orizzontale, Offset 45
Clamp, D.63, 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.

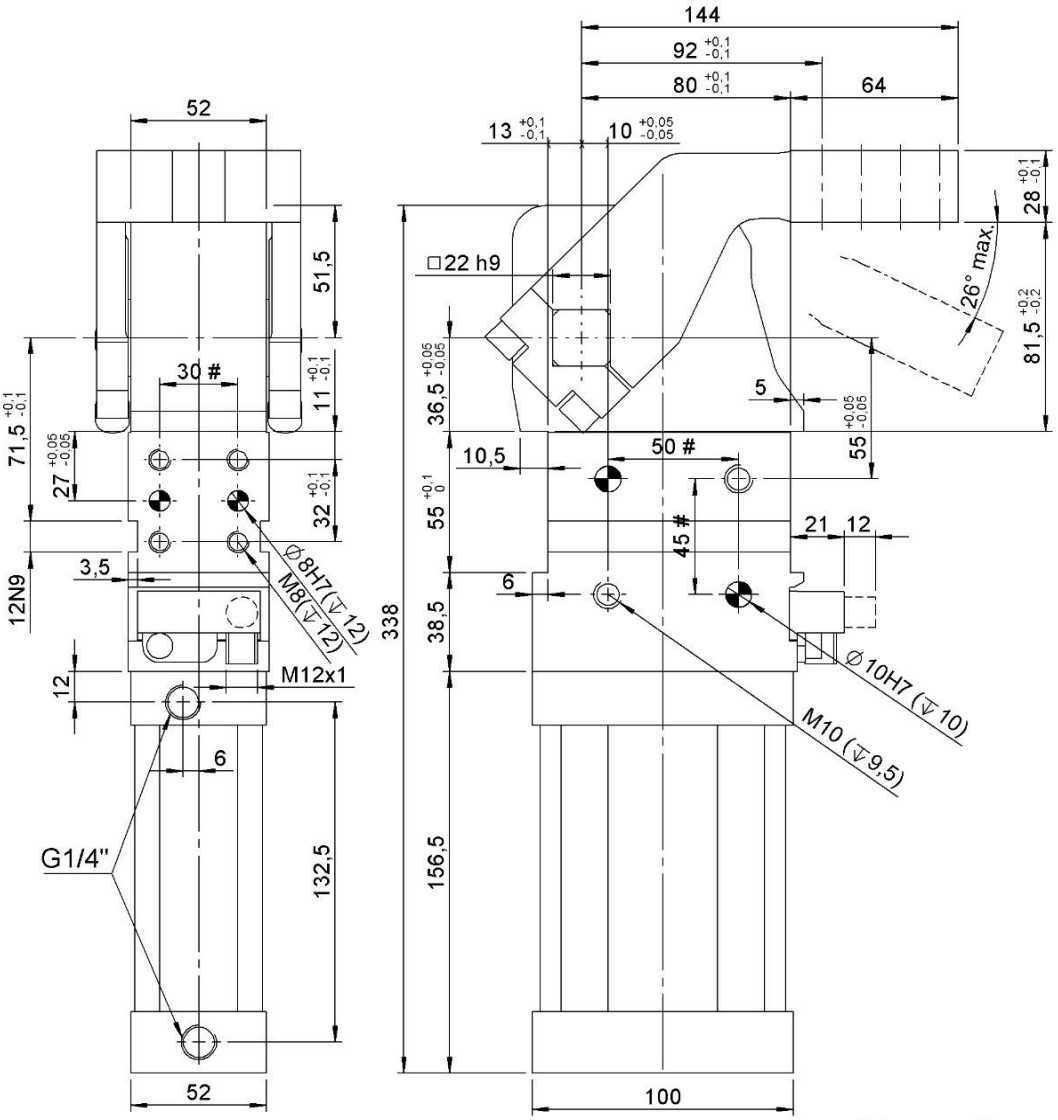
Angoli di apertura standard: settabile in 30 posizioni differenti in un range tra 2,5° e 107°.
Standard opening angles: settable in 30 different positions in a range between 2,5° and 107°.

#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]
CPL63 H3...	63	1700	~ 5	4 – 8	420	3,2

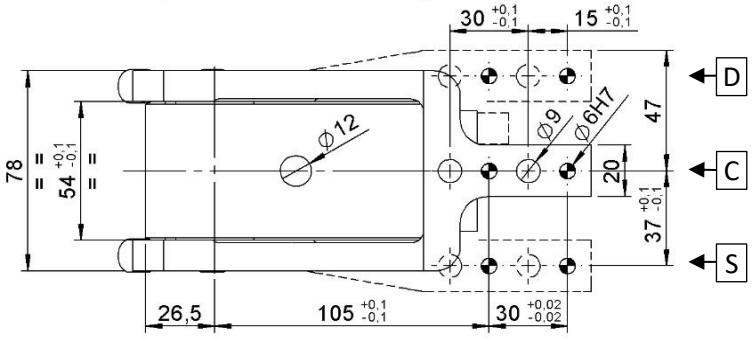
CPL63 V3...S

Chiusura, D.63, Ang. Vario, Leva verticale simmetrica, Offset 45
Clamp, D.63, 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 7 posizioni differenti in un range tra 2,5° e 26°.
Standard opening angles: settable in 7 different positions in a range between 2,5° and 26°.

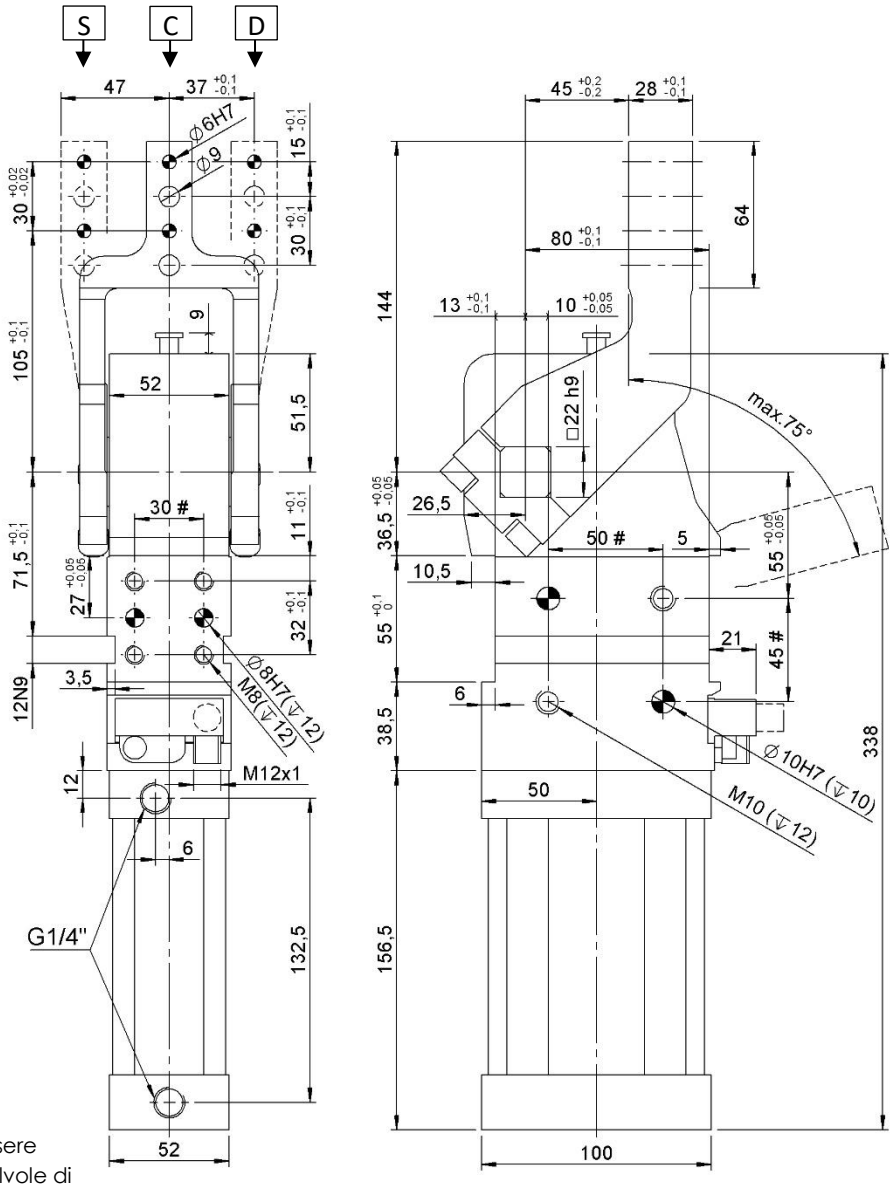


#Tolleranze: fori spina ±0.02, fori filettati ±0.1
#Tolerances: dowel holes ±0.02, screw holes ±0.1

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]
CPL63 V3...S	63	1700	~ 5	4 – 8	420	1,3

CPL63 H3...S

Chiusura, D.63, Ang. Vario, Leva orizzontale simmetrica, Offset 45
Clamp, D.63, 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.

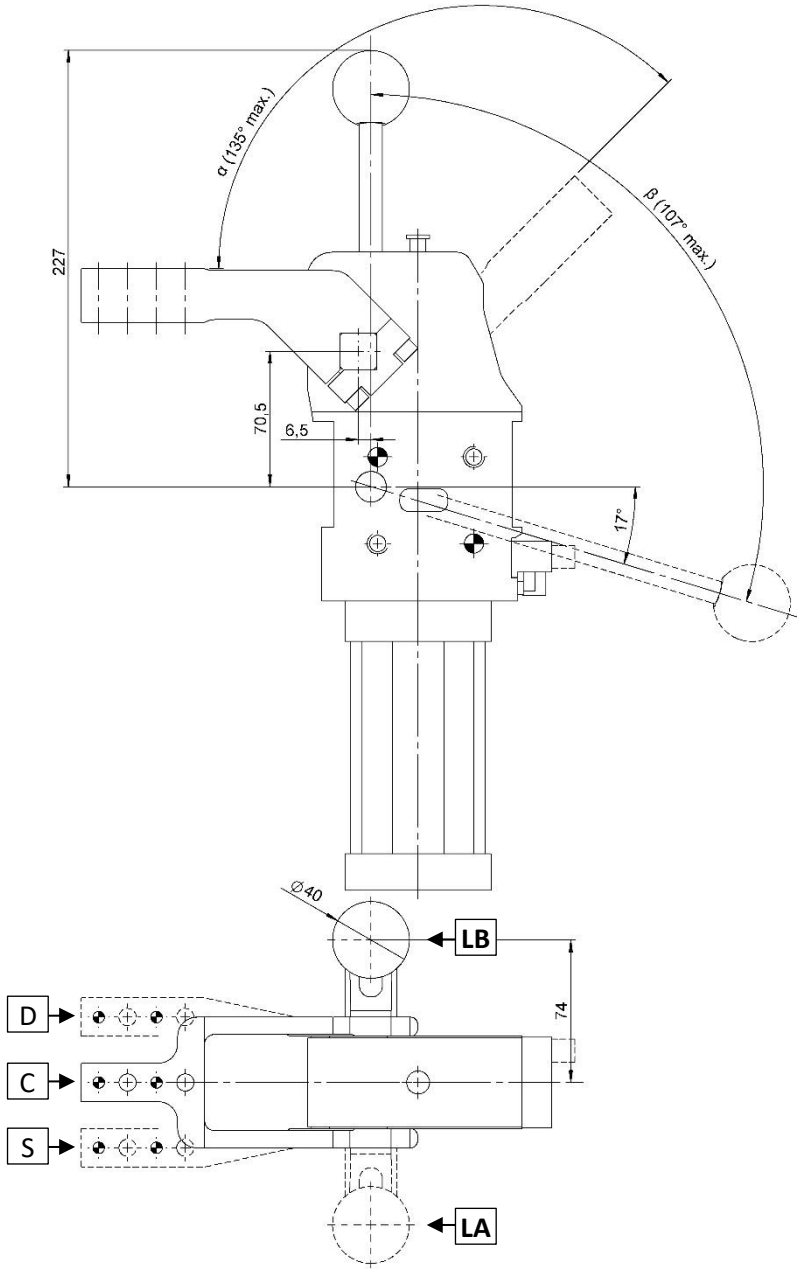
Angoli di apertura standard: settabile in 22 posizioni differenti in un range tra 2,5° e 75°.
Standard opening angles: settable in 22 different positions in a range between 2,5° and 75°.

#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]
CPL63-H3...S	63	1700	~ 5	4 – 8	420	2,5

CPLM50L…V1… / CPLM63L...V1…

Chiusura, D.50/63, Ang. Vario, Cmd. Manuale, Leva Vert, Offset 15
Clamp, D.50/63, Vario Op. Angle, Hand Lever, Vert. arm, Offset 15



α	16°	30°	46°	58°	75°	91°	107°	122°	135°
β	37°	47°	57°	63°	73°	82°	92°	101°	107°

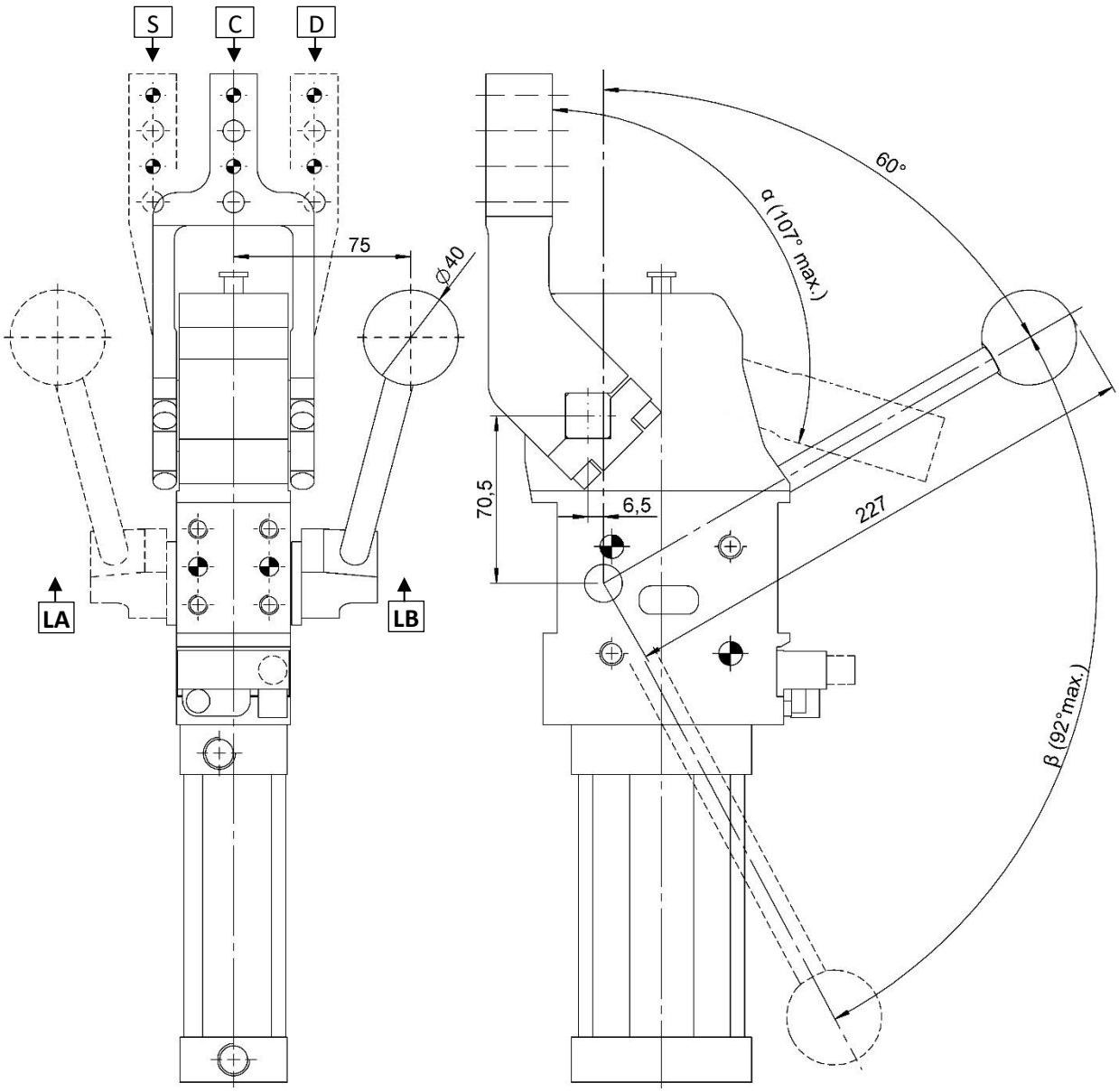
Leva comando manuale orientabile ad intervalli di 30°
Manual control adjustable in steps of 30°

#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]
CPLM50L...V1…	50	1300	~ 4,5	4 – 8	200
CPLM63L...V1…	63	1700	~ 5,5		

CPLM50L…H1… / CPLM63L…H1…

Chiusura, D.50/63, Ang. Vario, Cmd. Manuale, Leva Orizz., Offset 15
Clamp, D.50/63, Vario Op. Angle, Hand Lever, Horiz. Arm, Offset 15



α	16°	30°	46°	58°	75°	91°	107°
β	37°	47°	57°	63°	73°	82°	92°

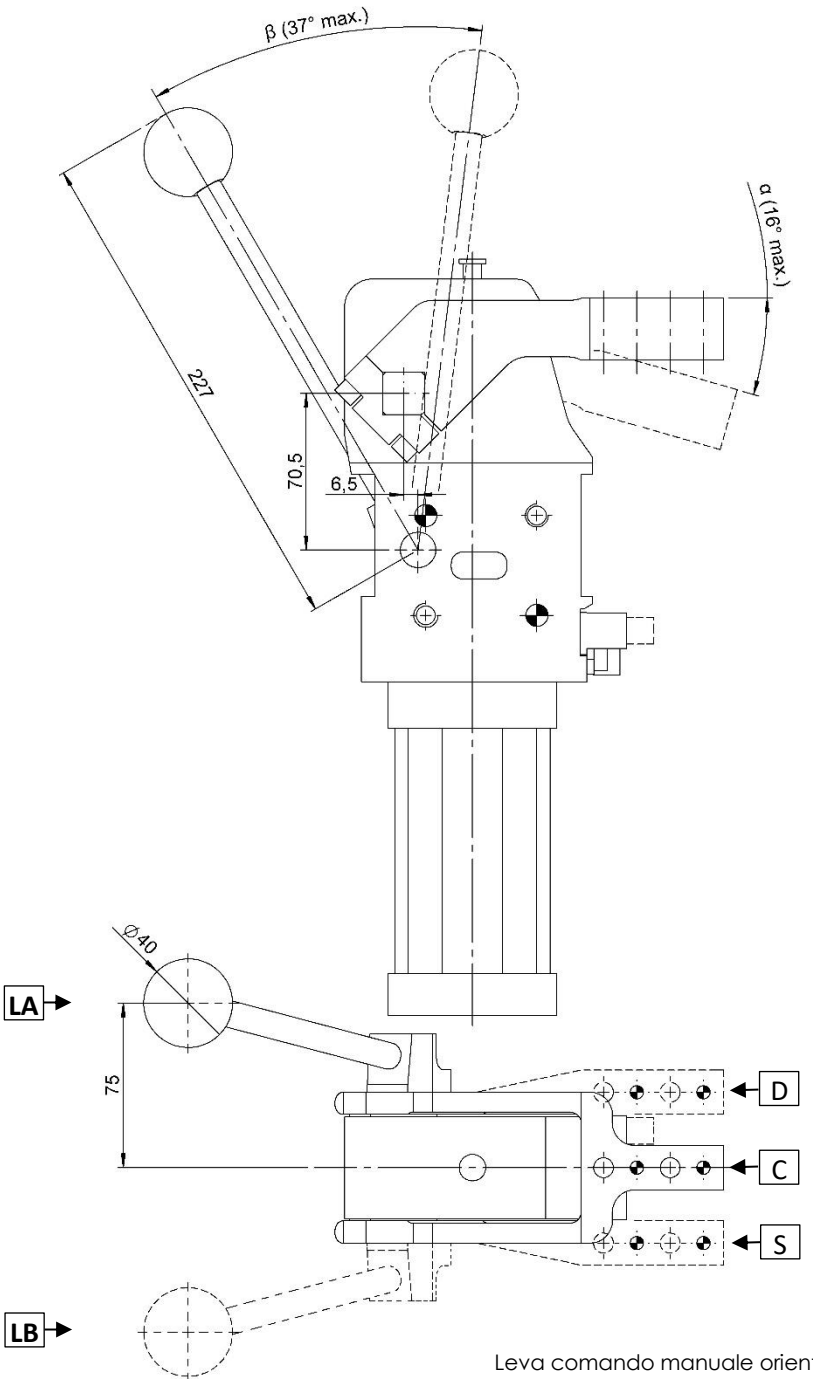
Leva comando manuale orientabile ad intervalli di 30°
Manual control adjustable in steps of 30°

#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]
CPLM50L...H1…	50	1300	~ 4,5	4 – 8	200
CPLM63L...H1…	63	1700	~ 5,5		

CPLM50L…V1…S / CPLN63L…V1…S

Chiusura, D.50/63, Ang. Vario, Cmd. Manuale, Vert. Sim., Offset 15
Clamp, D.50/63, Vario Op. Angle, Hand Lever, Vert. Sym., Offset 15



α	16°
β	37°

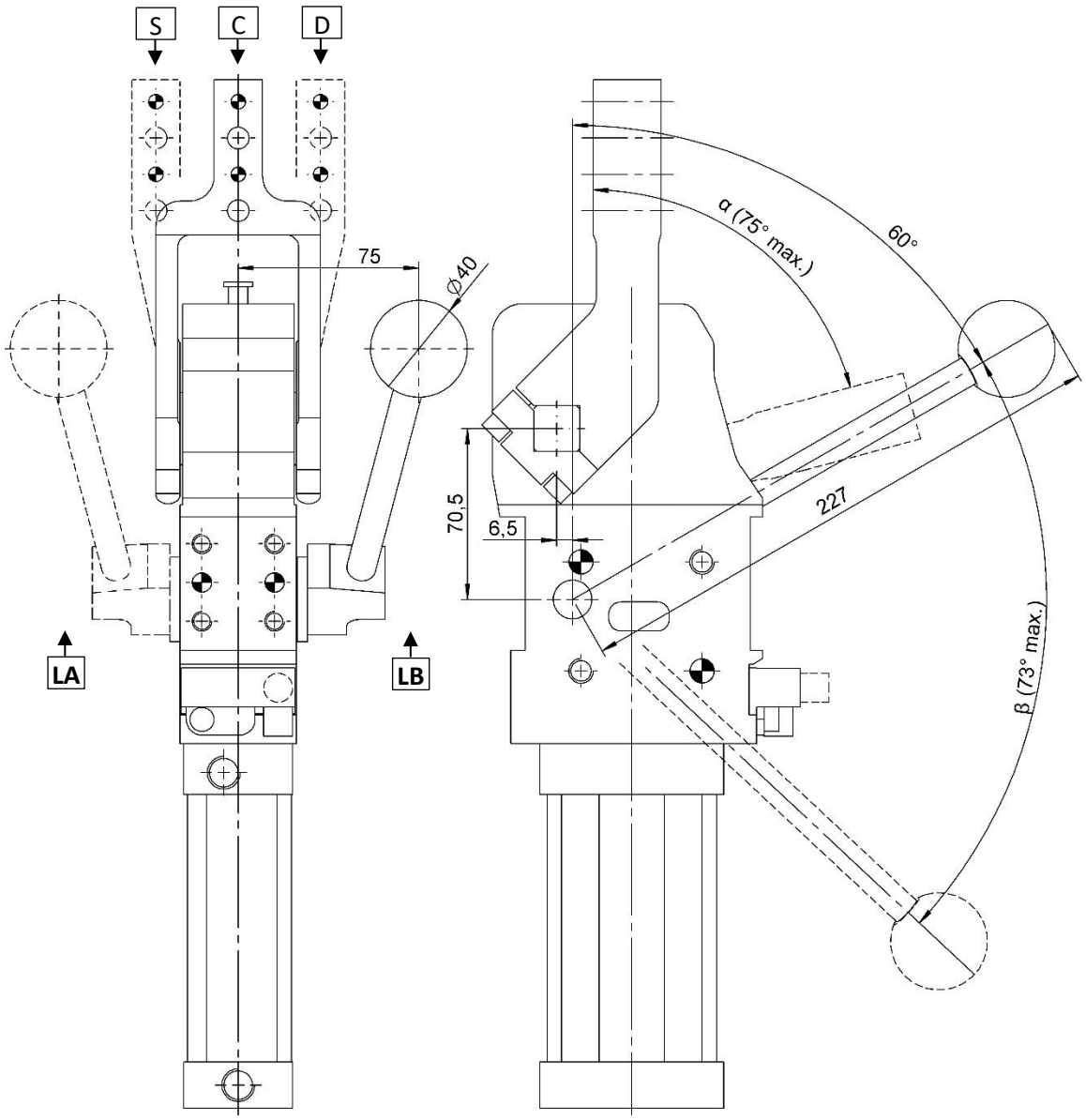
Leva comando manuale orientabile ad intervalli di 30°
Manual control adjustable in steps of 30°

#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]
CPLM50L...V1…S	50	1300	~ 4,5	4 – 8	200
CPLM63L...V1…S	63	1700	~ 5,5		

CPLM50L…H1…S / CPLM63L…H1…S

Chiusura, D.50/63, Ang. Vario, Cmd. Manuale, Orizz. Sim., Offset 15
Clamp, D.50/63, Vario Op. Angle, Hand Lever, Horiz. Sym., Offset 15



α	16°	30°	46°	58°	75°
β	37°	47°	57°	63°	73°

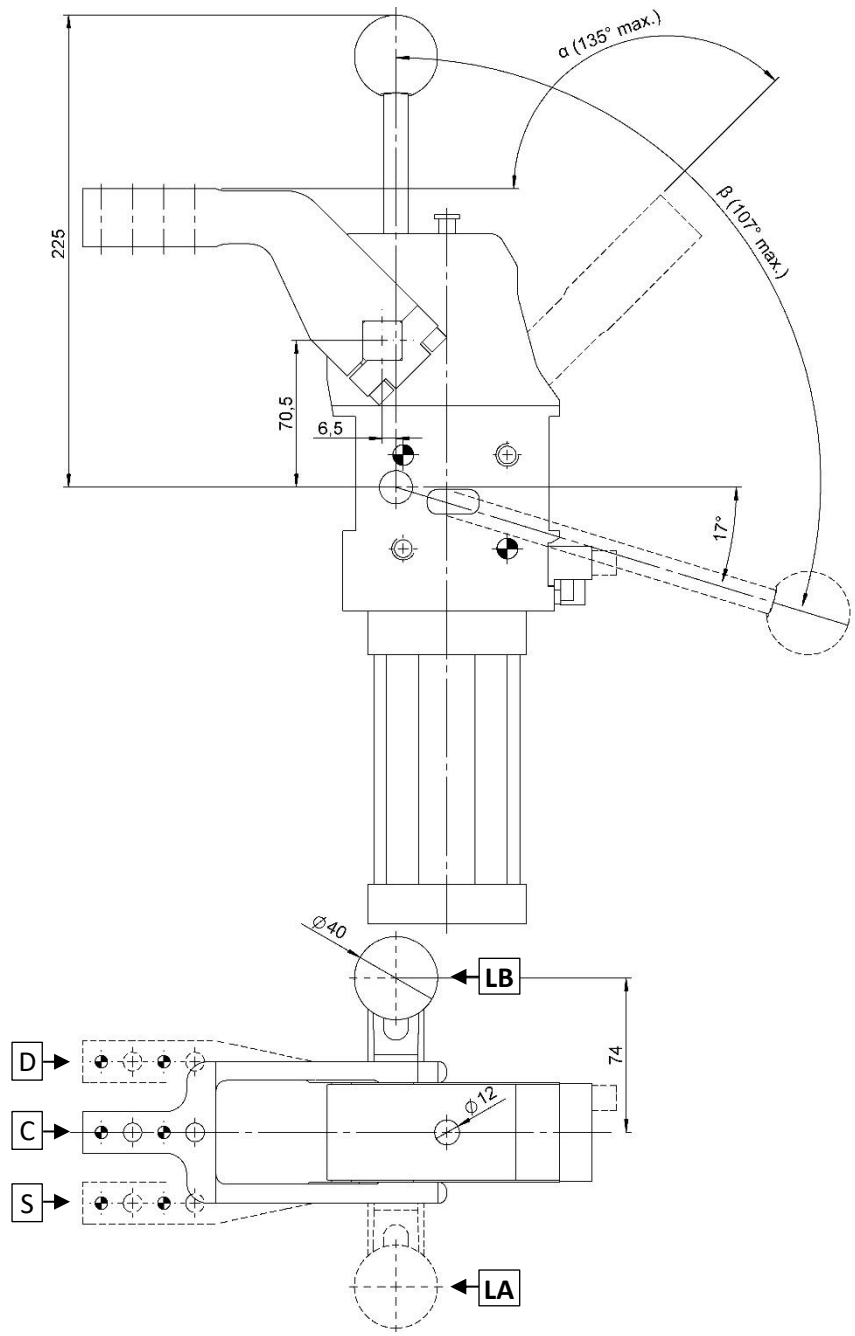
Leva comando manuale orientabile ad intervalli di 30°
Manual control adjustable in steps of 30°

#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]
CPLM50L...H1…S	50	1300	~ 4,5	4 – 8	200
CPLM63L...H1…S	63	1700	~ 5,5		

CPLM50L…V3… / CPLM63L…V3…

Chiusura, D.50/63, Ang. Vario, Cmd. Manuale, Leva Vert, Offset 45
Clamp, D.50/63, Vario Op. Angle, Hand Lever, Vert. arm, Offset 45



α	16°	30°	46°	58°	75°	91°	107°	122°	135°
β	37°	47°	57°	63°	73°	82°	92°	101°	107°

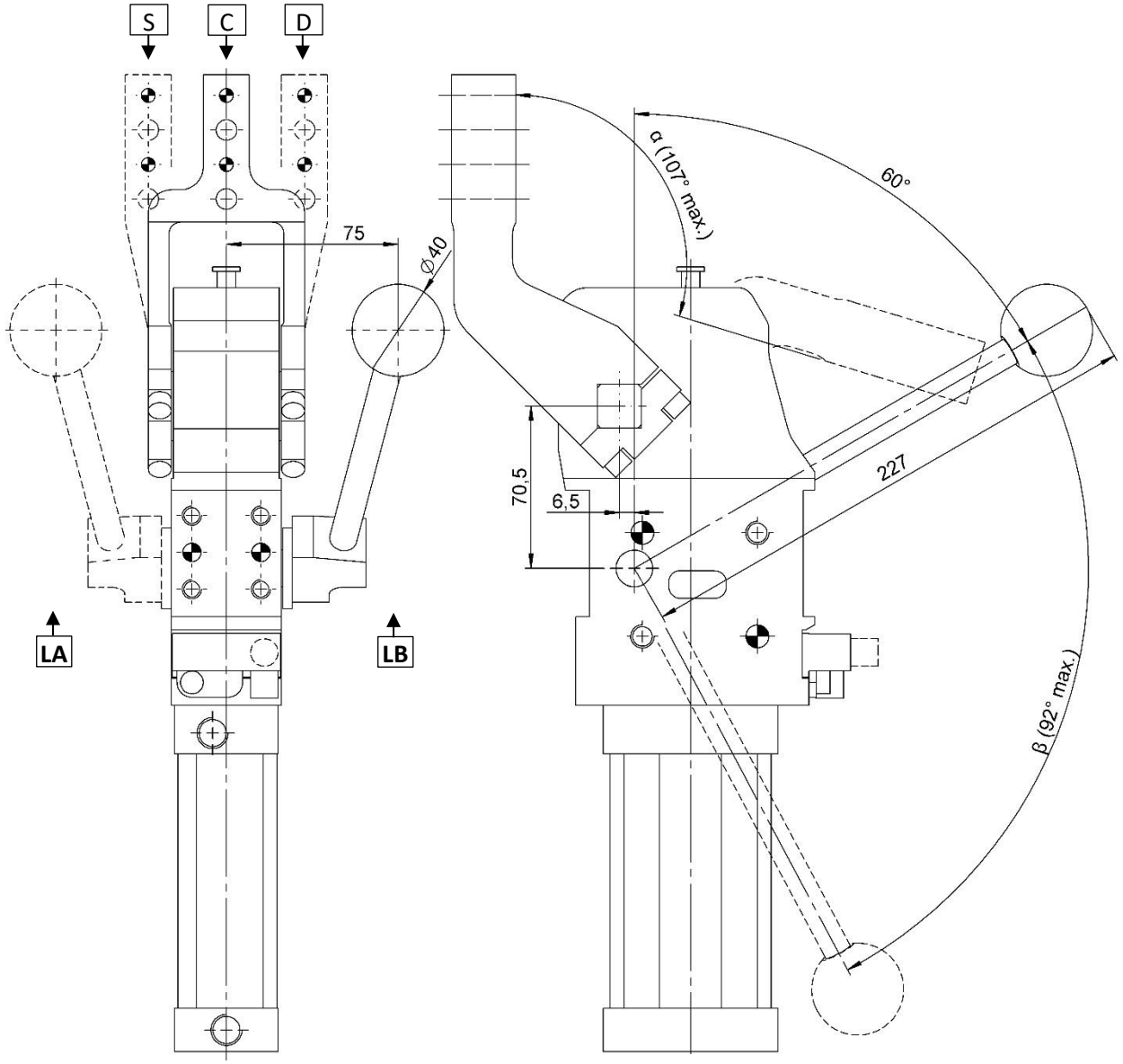
Leva comando manuale orientabile ad intervalli di 30°
Manual control adjustable in steps of 30°

#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]
CPLM50L…V3…	50	1300	~ 4,5	4 – 8	200
CPLM63L…V3…	63	1700	~ 5,5		

CPLM50L…H3… / CPLM63L…H3…

Chiusura, D.50/63, Ang. Vario, Cmd. Manuale, Leva Orizz., Offset 45
Clamp, D.50/63, Vario Op. Angle, Hand Lever, Horiz. Arm, Offset 45



α	16°	30°	46°	58°	75°	91°	107°
β	37°	47°	57°	63°	73°	82°	92°

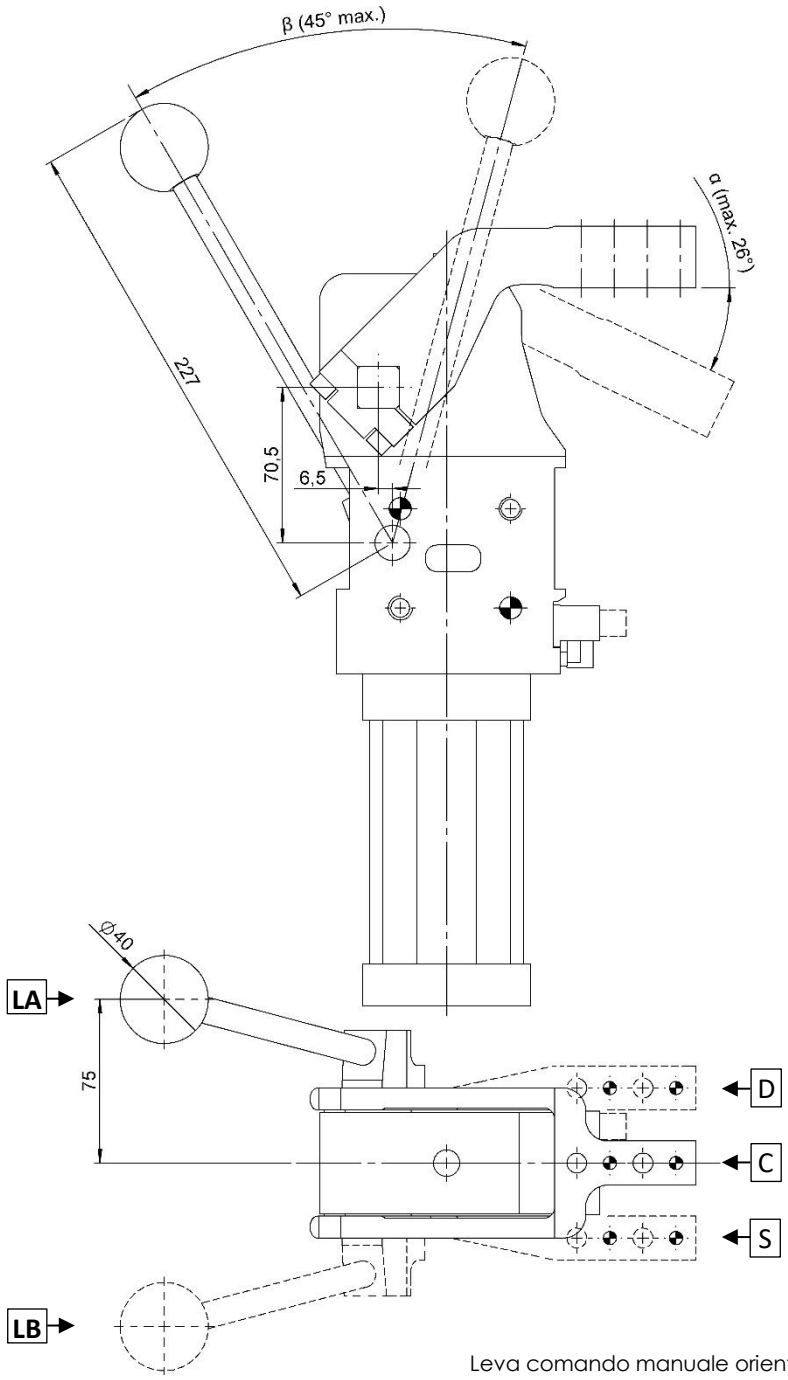
Leva comando manuale orientabile ad intervalli di 30°
Manual control adjustable in steps of 30°

#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]
CPLM50L...H3…	50	1300	~ 4,5	4 – 8	200
CPLM63L...H3…	63	1700	~ 5,5		

CPLM50L…V3…S / CPLN63L…V3…S

Chiusura, D.50/63, Ang. Vario, Cmd. Manuale, Vert. Sim., Offset 45
Clamp, D.50/63, Vario Op. Angle, Hand Lever, Vert. Sym., Offset 45



α	26°
β	45°

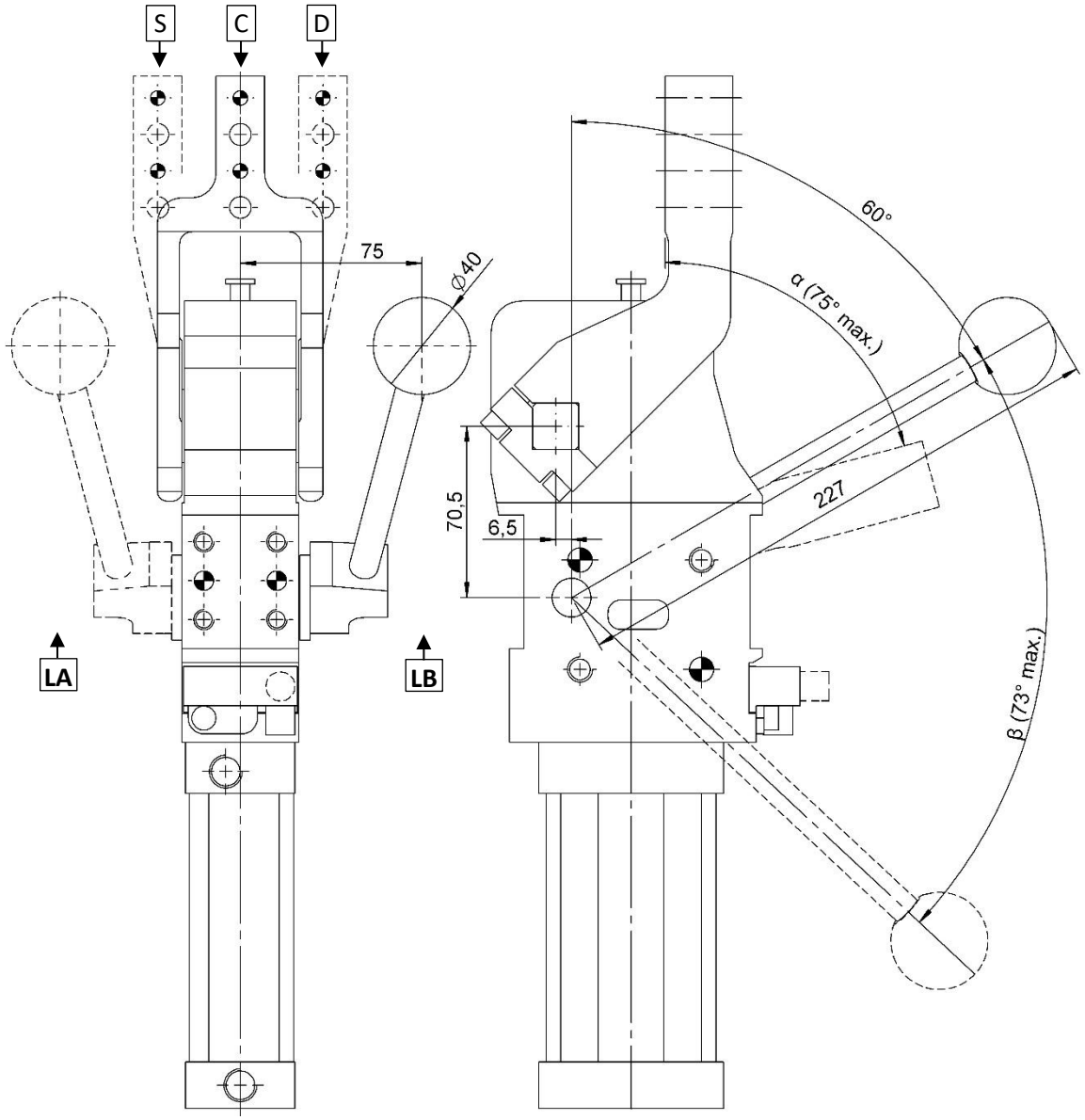
Leva comando manuale orientabile ad intervalli di 30°
Manual control adjustable in steps of 30°

#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]
CPLM50L...V3...S	50	1300	~ 4,5	4 – 8	200
CPLM63L...V3...S	63	1700	~ 5,5		

CPLM50L…H3…S / CPLM63L…H3…S

Chiusura, D.50/63, Ang. Vario, Cmd. Manuale, Orizz. Sim., Offset 45
Clamp, D.50/63, Vario Op. Angle, Hand Lever, Horiz. Sym., Offset 45



α	16°	30°	46°	58°	75°
β	37°	47°	57°	63°	73°

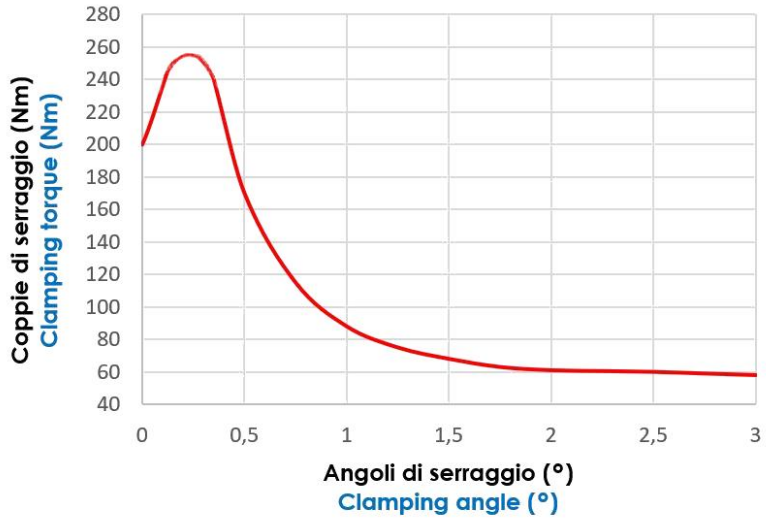
Leva comando manuale orientabile ad intervalli di 30°
Manual control adjustable in steps of 30°

#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]
CPLM50L...H3…S	50	1300	~ 4,5	4 – 8	200
CPLM63L...H3…S	63	1700	~ 5,5		

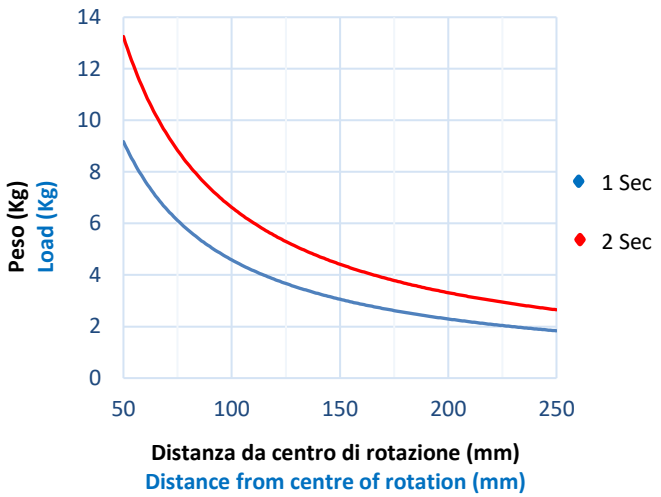
Diagrammi CPL50.
Diagrams CPL50.

Coppia di bloccaggio (Nm)
Clamping torque (Nm)

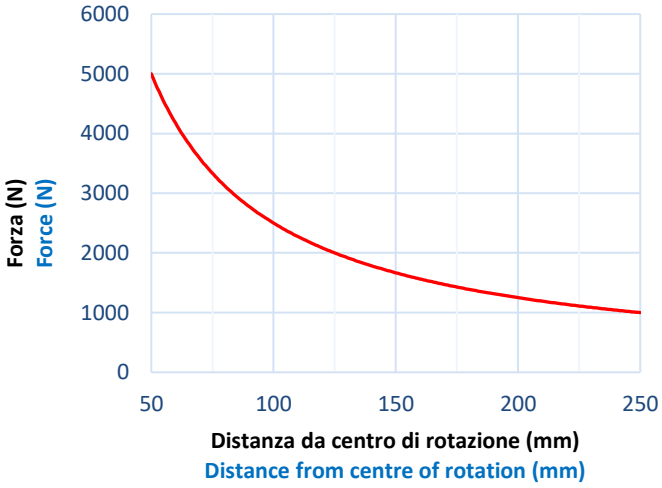


Coppia max. di bloccaggio (5 bar): **250 Nm**.
Max. clamping torque (5 bar): **250 Nm**.

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



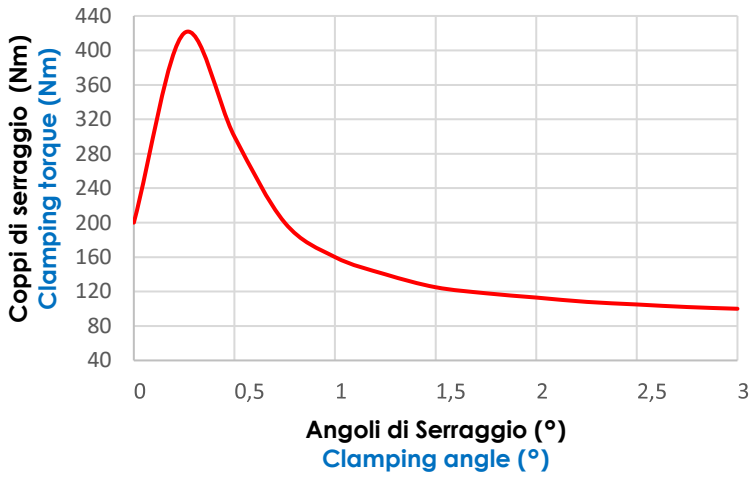
Forza max. esercitata (N) a 5 bar.
Max. force applied (N) at 5 bar.



Modello Type	Coppia max. 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 50	4.5	6.5	3.6	5.2

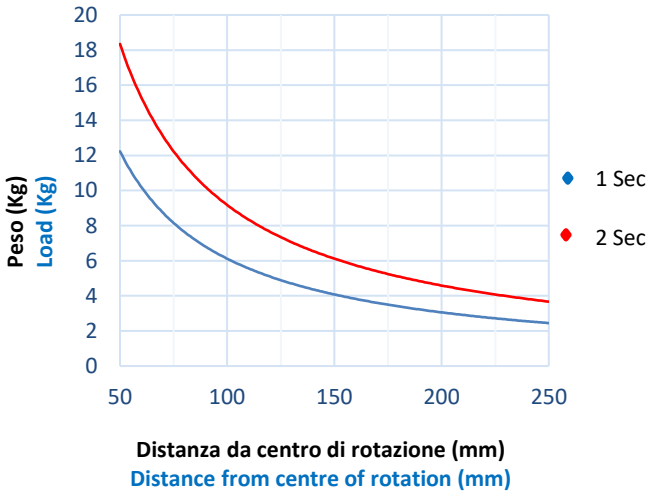
Diagrammi CPL63.
Diagrams CPL63.

Coppia di bloccaggio (Nm)
Clamping torque (Nm)

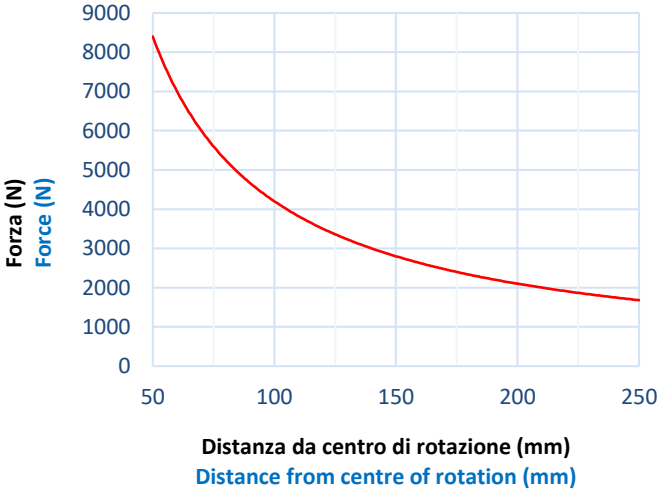


Coppia max. di bloccaggio (5 bar): **420 Nm**.
Max. clamping torque (5 bar): **420 Nm**.

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. 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 63	6.0	9.0	4.8	7.2

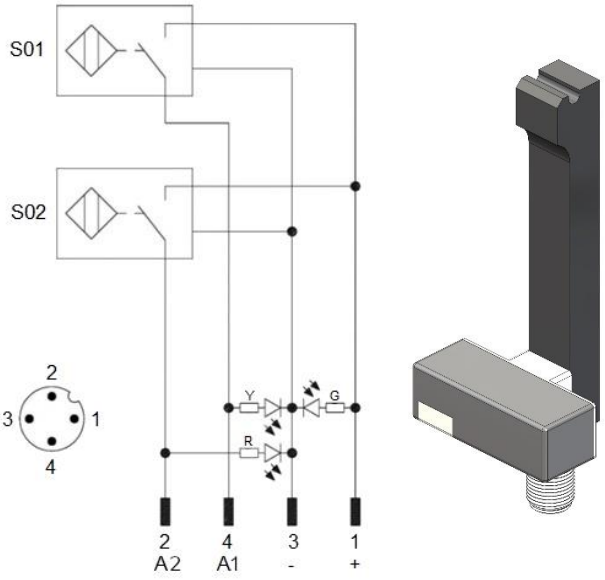
Schema Finecorsa induttivo M12 (cod. 09127/.../C).
Diagram for M12 inductive proximity switch (cod. 09127/.../C).

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.

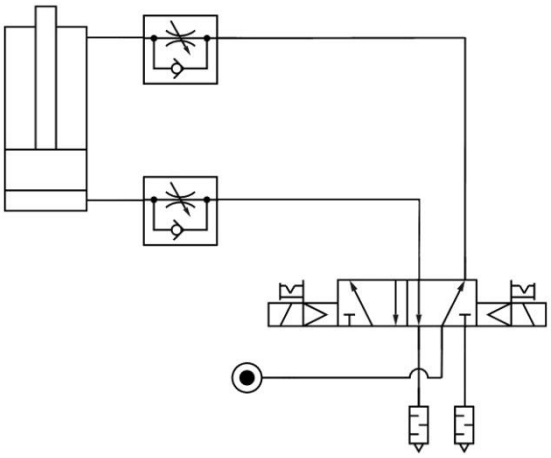


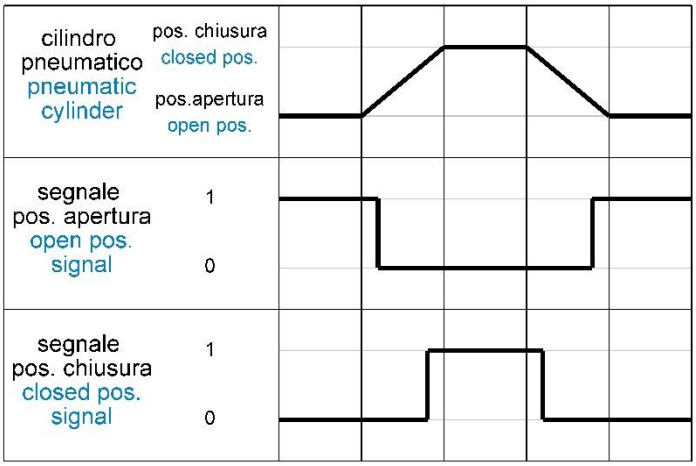
S01 = segnale d'apertura
S01 = opening signal
S02 = segnale di chiusura
S02 = closing signal

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; (Imm. 1)
- Svitare la vite TCEI M6 ed estrarre il blocchetto del sensore induttivo; (Imm. 2)
- Inserire nel foro una chiave con Ø max. di 5mm, e spingere la molla applicando una forza ≥ 80 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.
- per l'assemblaggio seguire la procedura sopra descritta in senso contrario.

Opening angle change.

- Bring the clamp arm in the opening position; (Image 1)
- Unscrew the M6 socket screw below the inductive sensor; (Image 2)
- Put a key with Ø max. 5 mm into the hole, and push the spring applying a force ≥ 80 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.
- for assembly follow the procedure described above in reverse order.

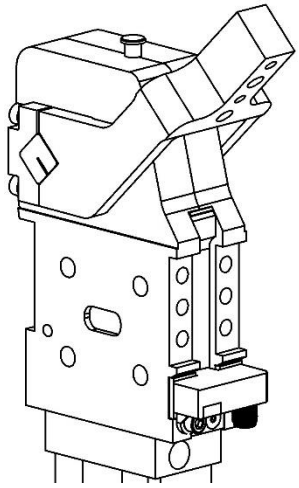


Immagine 1
Image 1

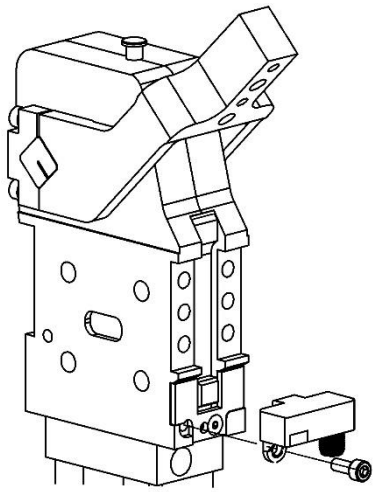


Immagine 2
Image 2

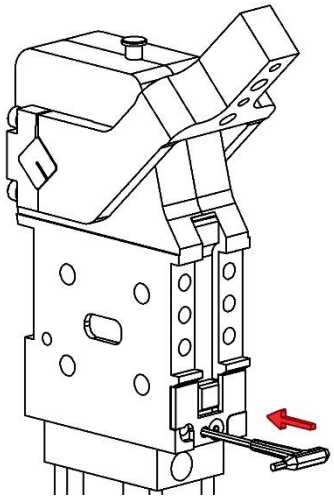


Immagine 3
Image 3

Angoli d'apertura.
Opening angles.

Tipo Type	Angoli d'apertura / Opening angles																	
	2,5	4	6	8	10	13	16	19	22	26	30	34	38	42	46	50	54	58
CPL...V1 CPL...V3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CPL...H1 CPL...H3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CPL...H1...S CPL...H3...S	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CPL...V1...S	•	•	•	•	•	•	•											
CPL...V3...S	•	•	•	•	•	•	•	•	•	•								

Tipo Type	Angoli d'apertura / Opening angles																
	62	67	71	75	79	83	87	91	95	99	103	107	112	117	122	128	135
CPL...V1 CPL...V3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CPL...H1 CPL...H3	•	•	•	•	•	•	•	•	•	•	•	•					
CPL...H1...S CPL...H3...S	•	•	•	•													

Gruppo aggancio leva.
Retaining clip.

Il dispositivo (particolare "A") applicato sulla chiusura serve ad assicurare, in fase d'apertura della leva ed in assenza d'aria nella rete pneumatica, che il tassello di bloccaggio non vari la posizione.
(N.B.: rispettare le coppie di carico max. applicabile alla leva).

The device (detail "A") applied on the clamp ensure, in opening position and when there isn't air in the pneumatic net, that arm doesn't change its position.
(NOTE: Not exceed the max. torque applicable on the lever).

Codice d'ordine.
Ordering example.

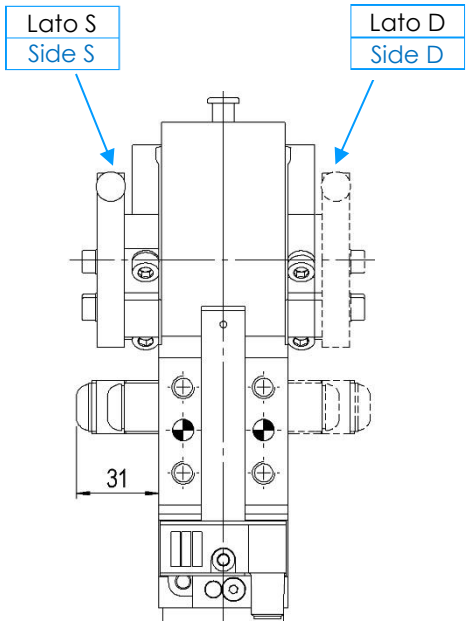
AL 50 – D

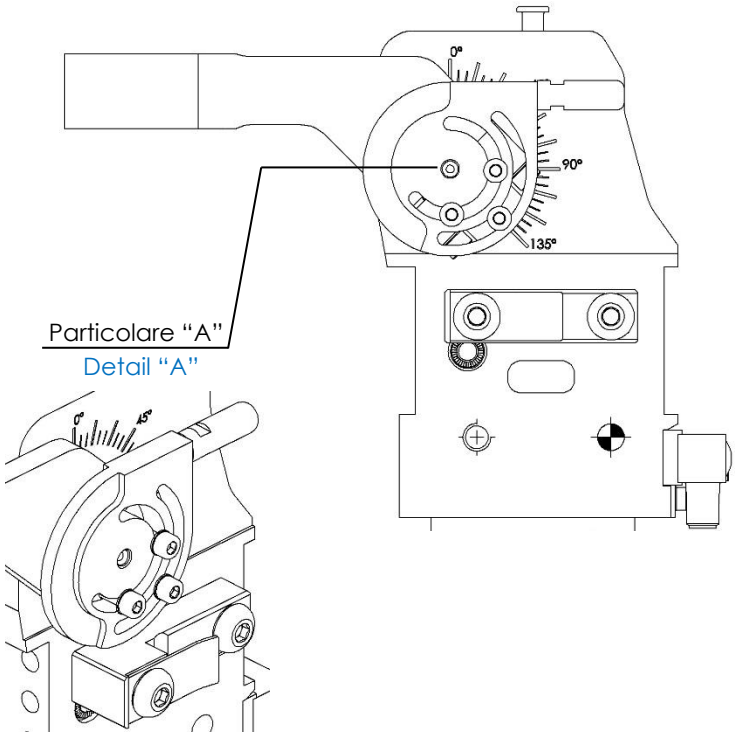
Modello chiusura:
Clamp type:

50: CPL / CPLM50
63: CPL / CPLM 63

Lato su cui applicare il dispositivo:
Side where apply the device:

D = lato destro
right side
S = lato sinistro
left side



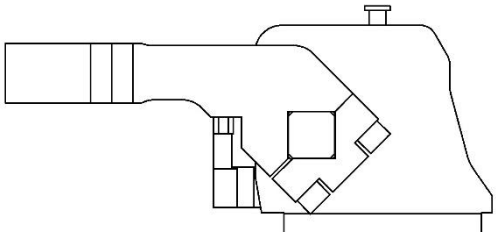


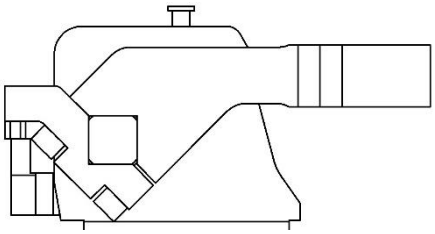
Tassello fermo leva esterno.

External Arm hard stop.

La presenza del tassello fermo leva esterno dev'essere scelta all'ordine, dal momento che non può essere aggiunto successivamente.

The presence of the external arm hard stop must be chosen at the order, because it cannot be added later.

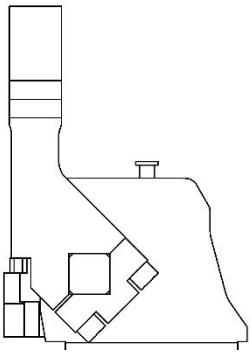


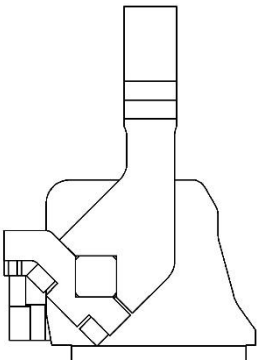


Codice d'ordine / Ordering example

CPL50 TV1…
CPL63 TV1…

CPL50 TV1…S…
CPL63 TV1…S…

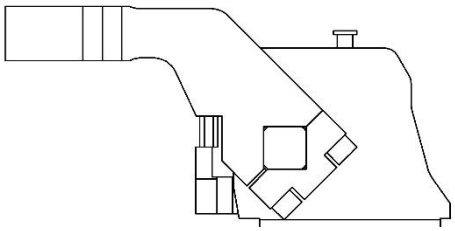


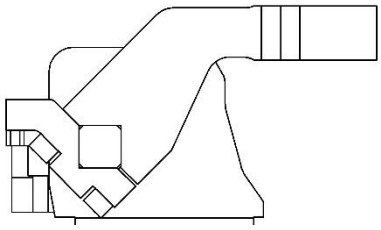


Codice d'ordine / Ordering example

CPL50 TH1…
CPL63 TH1…

CPL50 TH1…S…
CPL63 TH1…S…

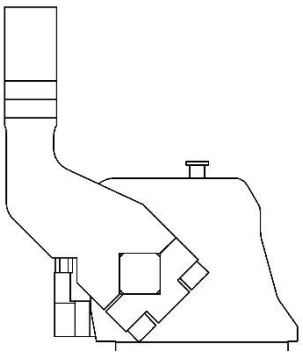


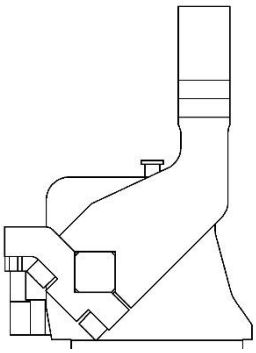


Codice d'ordine / Ordering example

CPL50 TV3…
CPL63 TV3…

CPL50 TV3…S
CPL63 TV3…S





Codice d'ordine / Ordering example

CPL50 TH3…
CPL63 TH3…

CPL50 TH3…S
CPL63 TH3…S

Ricambi.
Spare parts.

# Kit	Immagine Picture	Descrizione Description	Modello Model	Articolo Article
Gruppo leva Arm assebly		Leva **V1C / H1C / V1CS / H1CS** Arm **V1C / H1C / V1CS / H1CS**	**CPL50**	**08981/C**
			CPL63	**08980/C**
		Leva **V1D / H1S / V1SS / H1DS** Arm **V1D / H1S / V1SS / H1DS**	**CPL50**	**08981/DX/C**
			CPL63	**08980/DX/C**
		Leva **V1S / H1D / V1DS / H1SS** Arm **V1S / H1D / V1DS / H1SS**	**CPL50**	**08981/SX/C**
			CPL63	**08980/SX/C**
		Leva **V3C / H3C / V3CS / H3CS** Arm **V3C / H3C / V3CS / H3CS**	**CPL50**	**09132/C**
			CPL63	**09128/C**
		Leva **V3D / H3S / V3SS / H3DS** Arm **V3D / H3S / V3SS / H3DS**	**CPL50**	**09132/DX/C**
			CPL63	**09128/DX/C**
		Leva **V3S / H3D / V3DS / H3SS** Arm **V3S / H3D / V3DS / H3SS**	**CPL50**	**09132/SX/C**
			CPL63	**09128/SX/C**
Finecorsa Proximity switch		Finecorsa induttivo VEP completo (0°) Inductive proximity switch VEP (0°)	**CPL50** **CPL63**	**09127/1/C**
		Finecorsa induttivo VEP completo (90°) Inductive proximity switch VEP (90°)		**09127/2/C**
Barra sensore Sensor bar		Barra satelliti sensore Sensor satellite bar	**CPL50** **CPL63**	**09127**
Blocchetto amplificatore Sensor amplifier		Blocchetto amplificatore M12 connettore 0° Power sensor amplifier M12 connector 0°	**CPL50** **CPL63**	**3/436**
		Blocchetto amplificatore M12 connettore 90° Power sensor amplifier M12 connector 90°	**CPL50** **CPL63**	**3/437**
Kit guarnizioni Seals kit		Guarnizioni cilindro pneumatico Seal components for pneumatic cylinder	**CPL50**	**SCR-CPL50**
			CPL63	**SCR-CPL63**

Cilindro pneumatico **Pneumatic cylinder**		Cilindro pneumatico completo Complete pneumatic cylinder	**CPL50**	**08984/C**
			CPL63	**08985/C**
Leva comando manuale **Manual control lever**		Leva comando manuale chiusura CPLM… Lever manual control pneumatic clamp CPLM…	**CPL50**	**09107/50/C**
			CPL63	**09107/63/C**

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