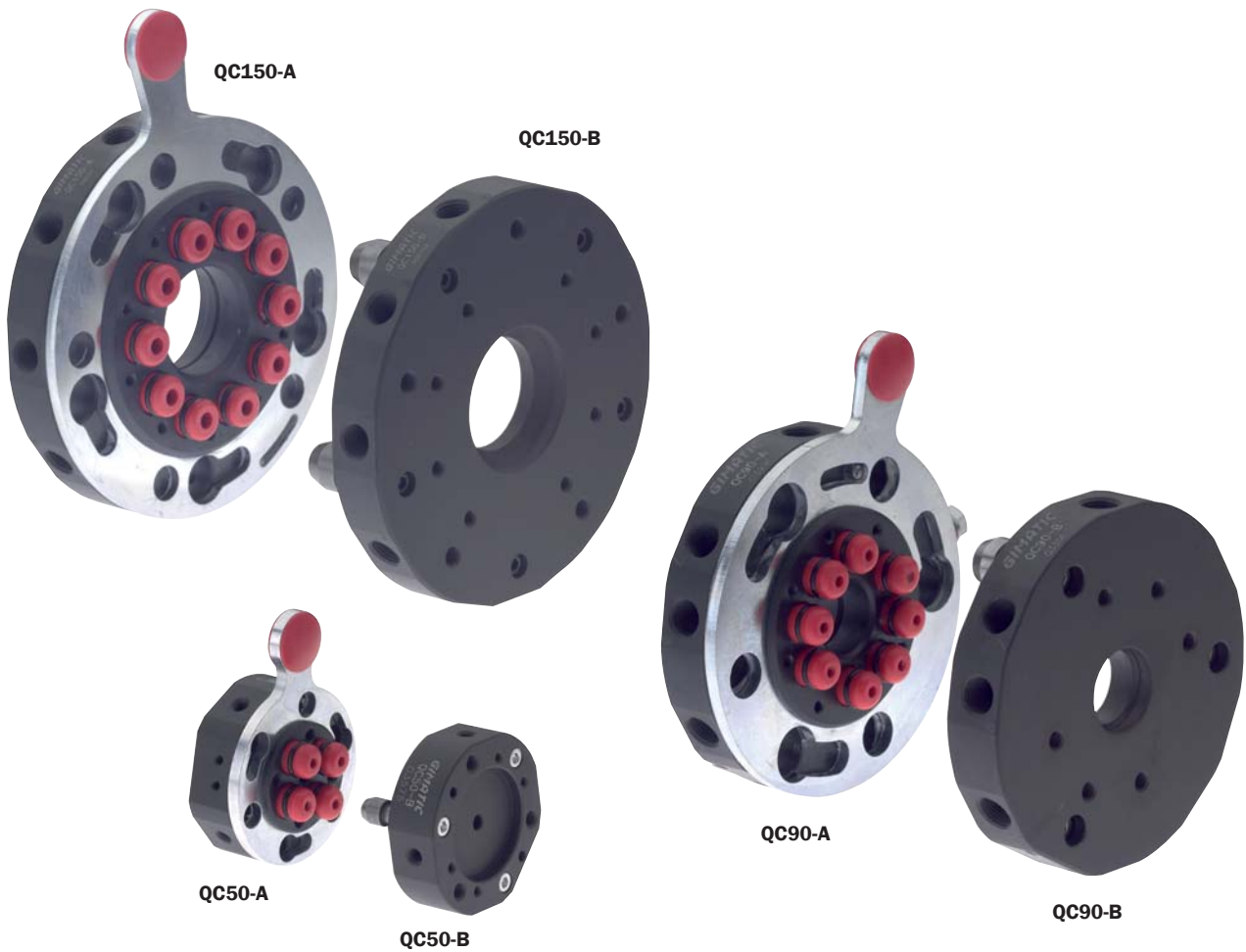


Cambia utensile

- Cambio rapido dell'attrezzatura sul robot.
- Adatto anche per canalizzazioni in depressione.
- Evita errori nelle connessioni pneumatiche ed elettriche.
- 4, 8 o 10 connessioni pneumatiche.
- 15 connessioni elettriche.
- Le due parti (lato robot e lato pinza) sono fornite separatamente.

Quick changer

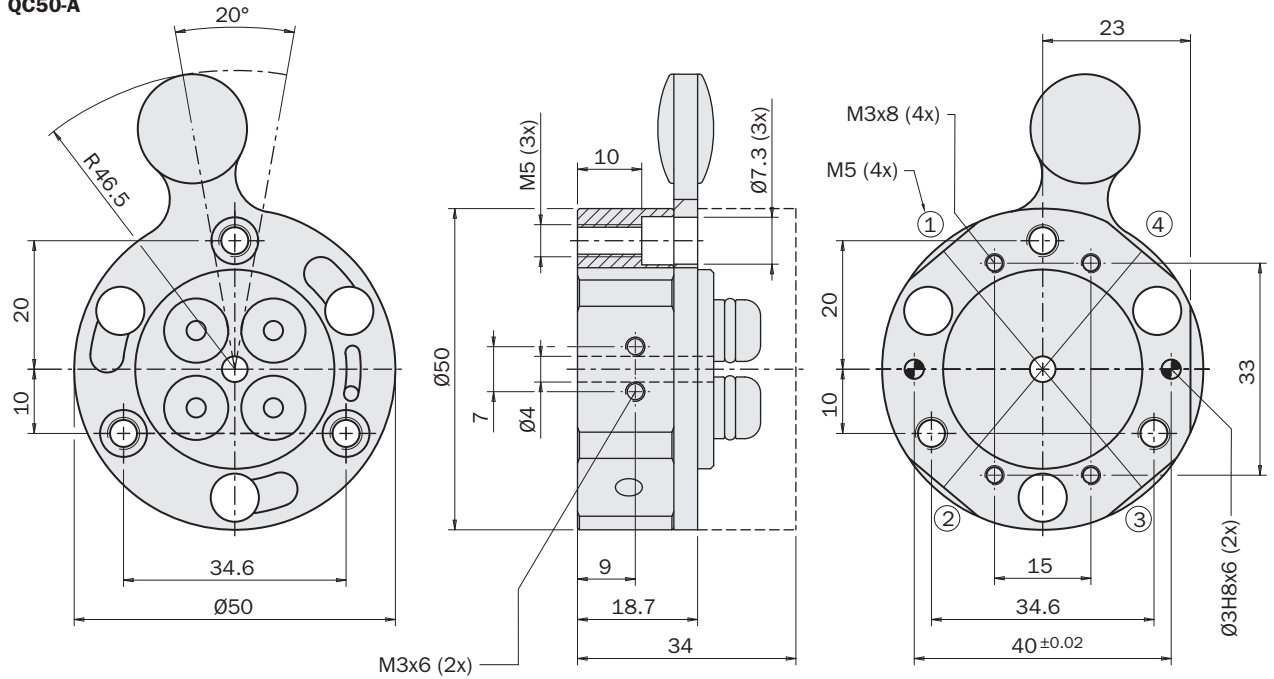
- Easy replacement of the EOAT on the robot.
- Suitable also with vacuum ports.
- Avoids mistakes in pneumatic and electrical connections.
- 4, 8 or 10 pneumatic connections.
- 15 electrical connections.
- The two parts (robot side and gripper side) are supplied separately.



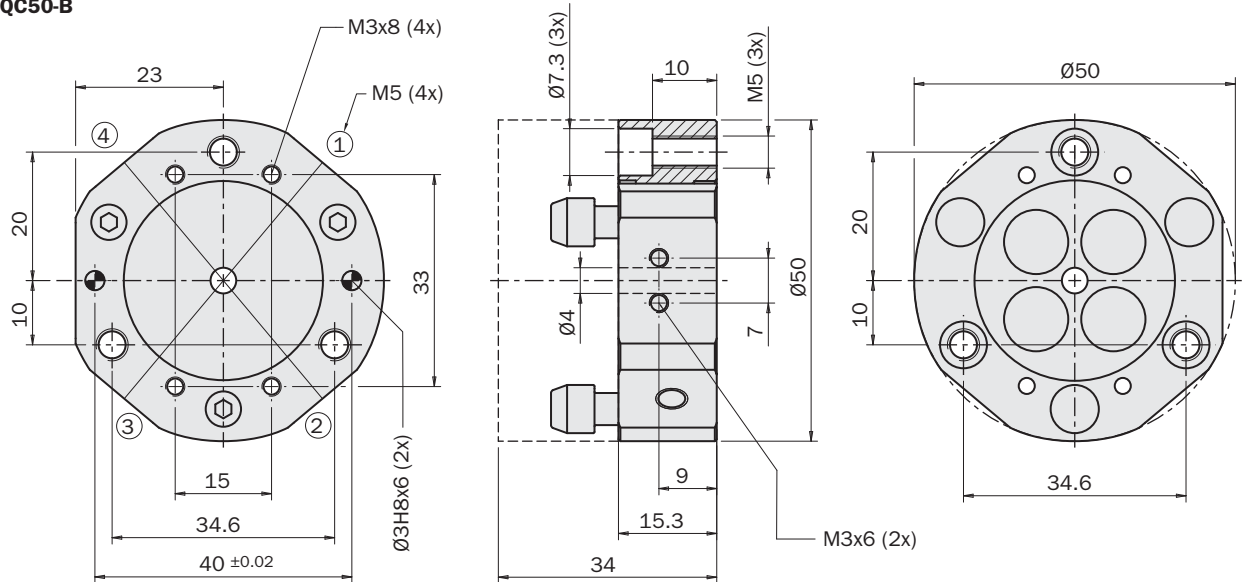
NEW

	QC50	QC90	QC150
Fluido Medium	Aria compressa filtrata, lubrificata / non lubrificata Filtered, lubricated / non lubricated compressed air		
Pressione di esercizio Pressure range	-1 ÷ 6 bar		
Temperatura di esercizio Temperature range	5 ÷ 60 °C		
Cambia utensile lato robot Robot side quick changer	QC50-A (103 g)	QC90-A (318 g)	QC150-A (1123 g)
Cambia utensile lato pinza Gripper side quick changer	QC50-B (65 g)	QC90-B (227 g)	QC150-B (827 g)
Cambia utensile lato robot Robot side quick changer			
Cambia utensile lato pinza Gripper side quick changer			

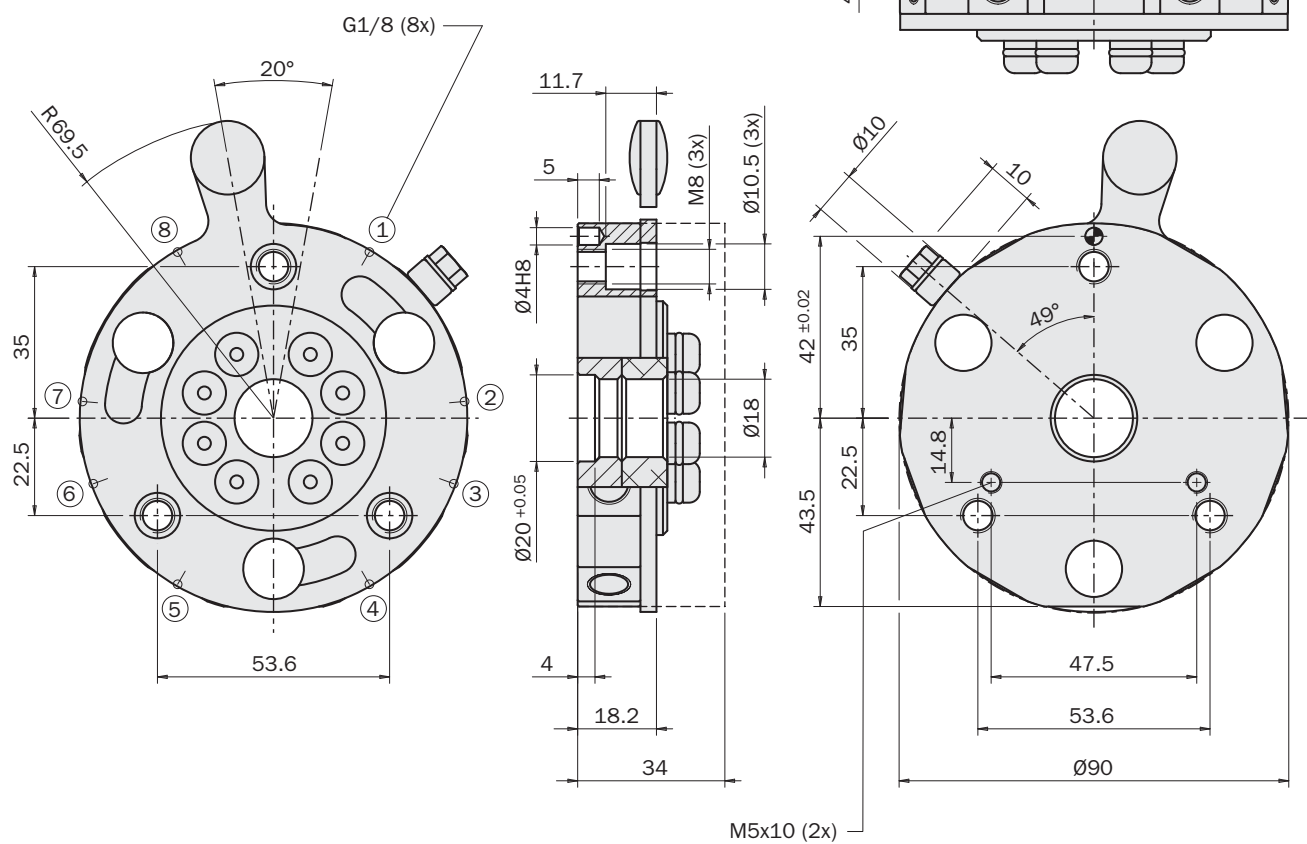
QC50-A



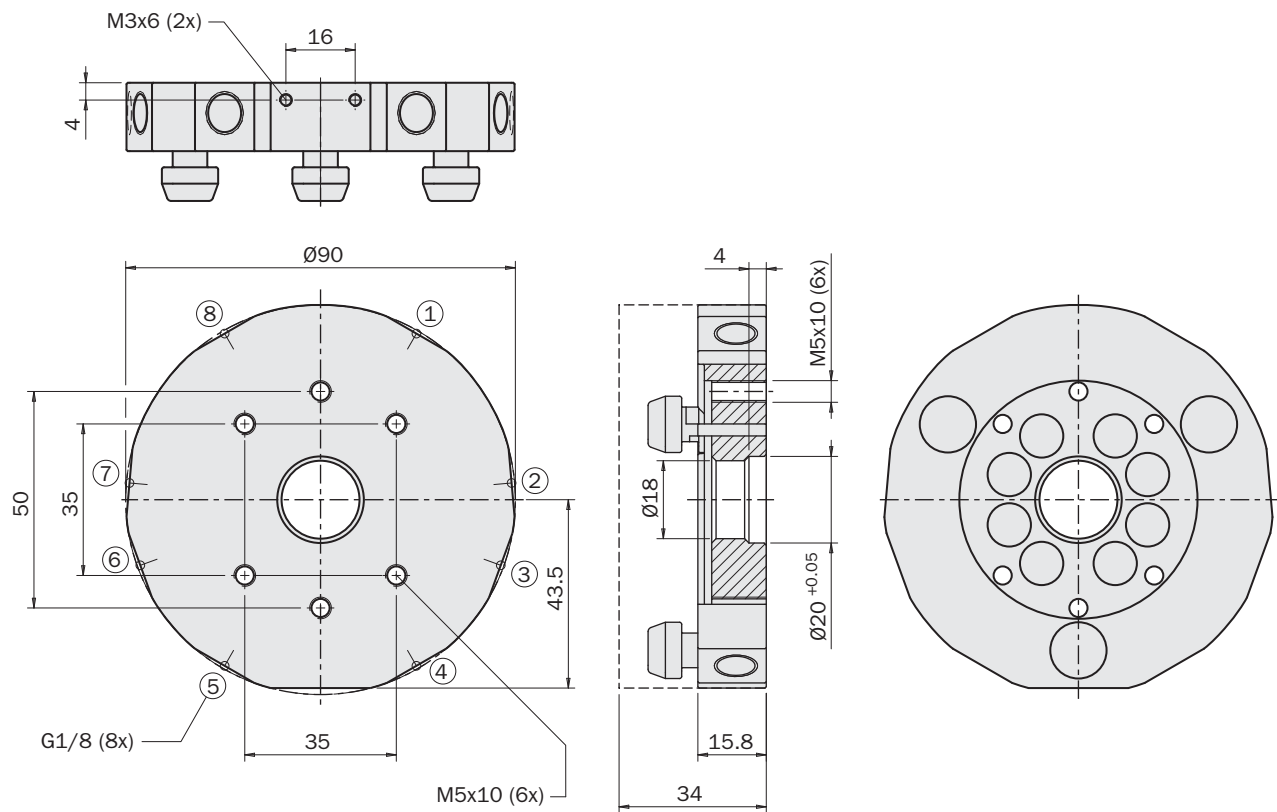
QC50-B



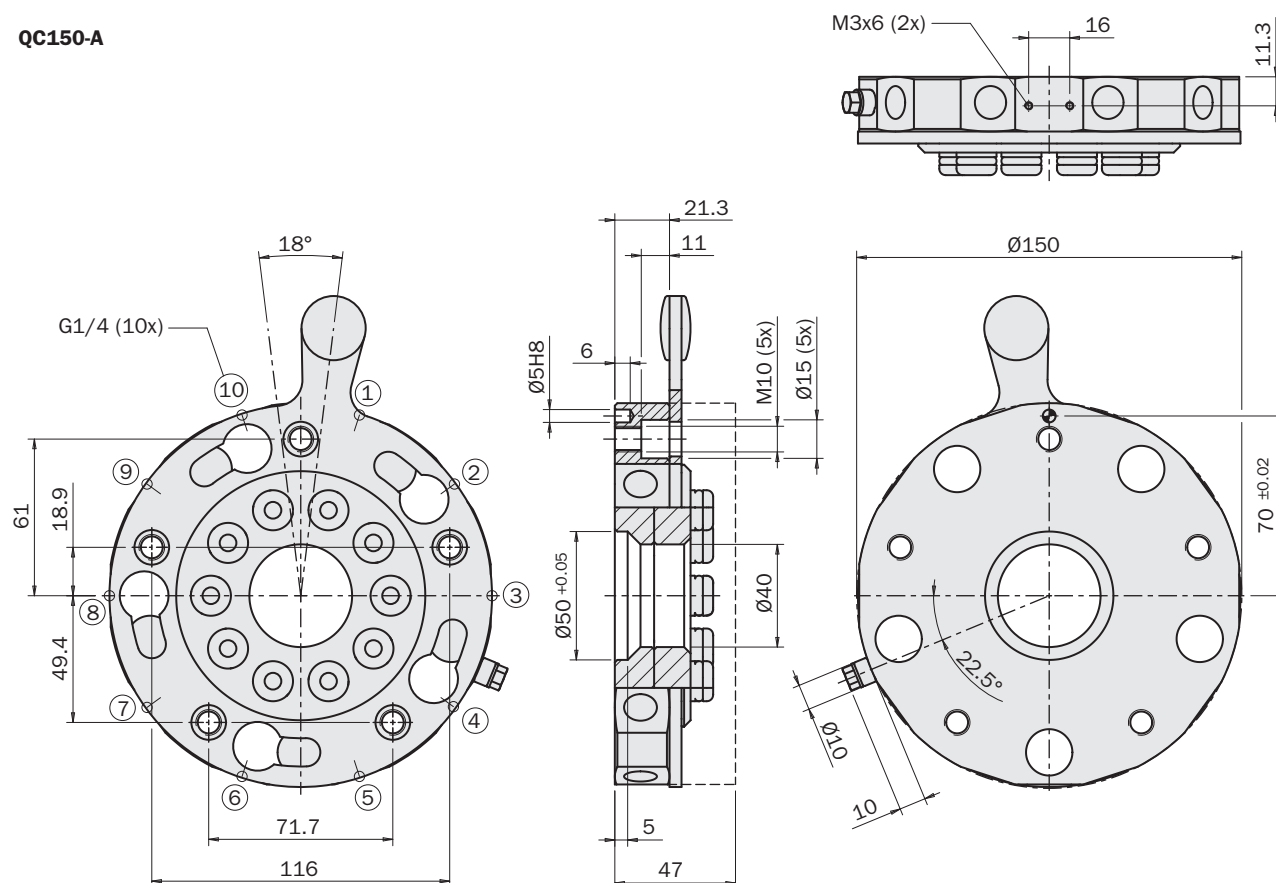
QC90-A



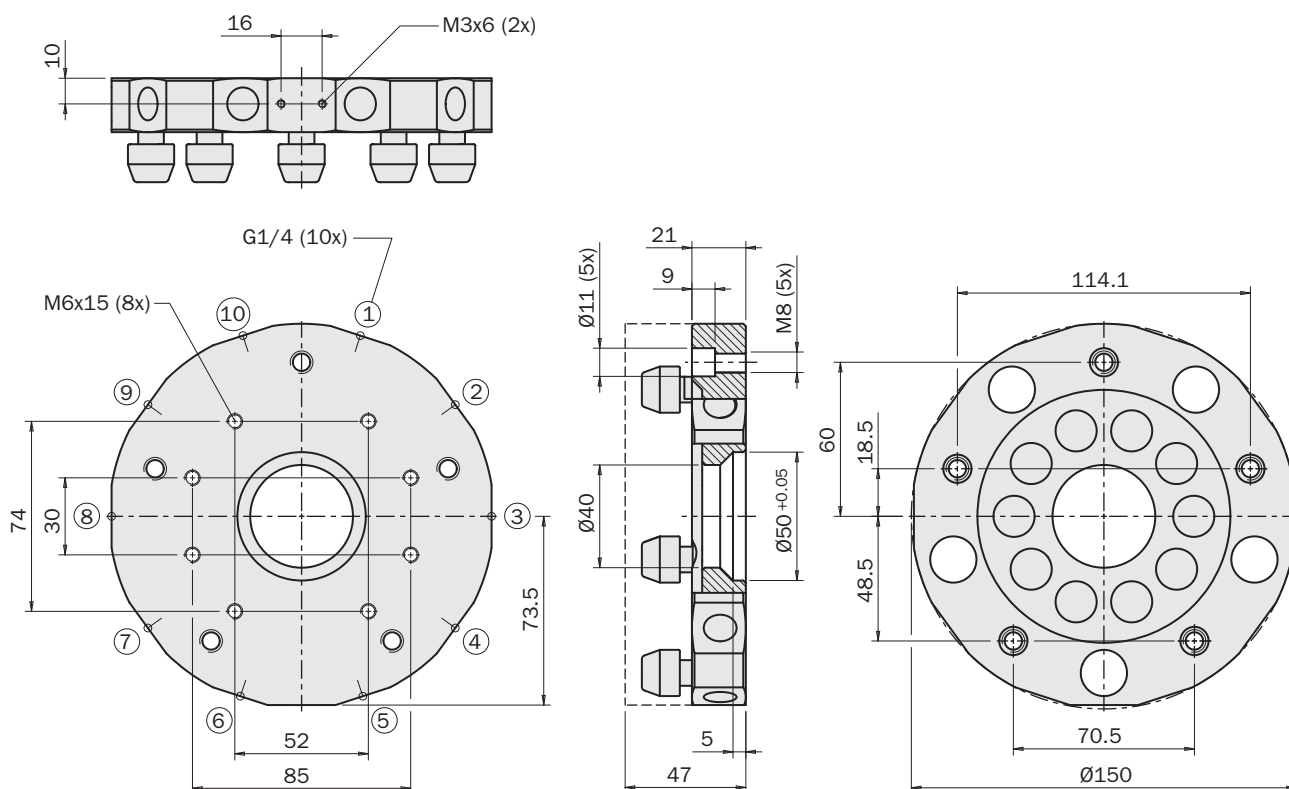
QC90-B



QC150-A

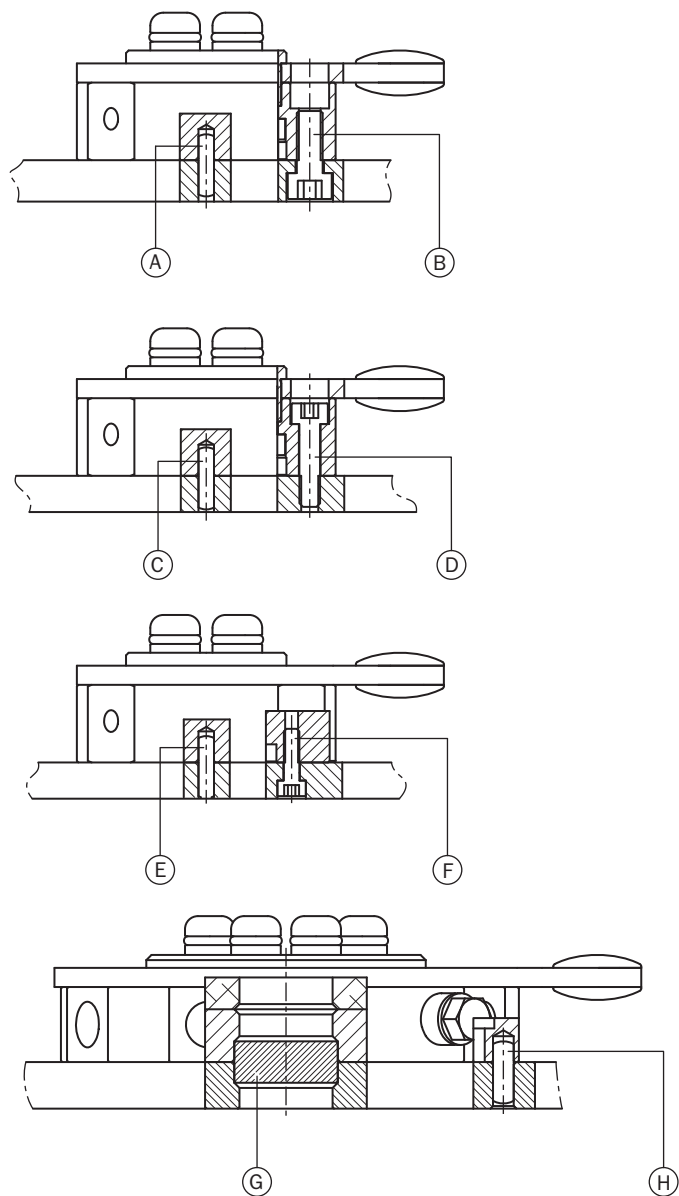


QC150-B

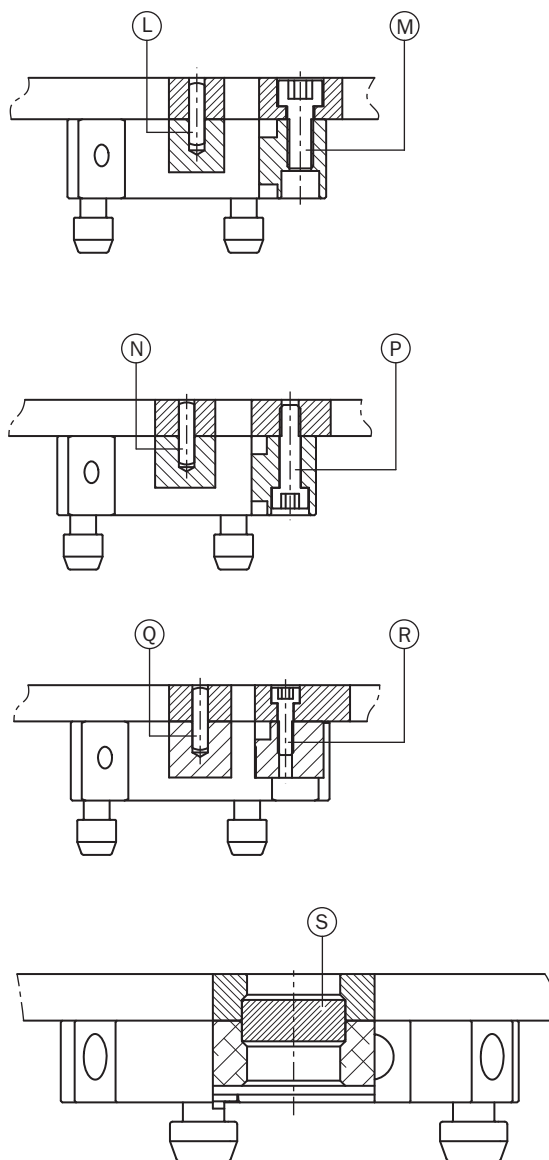


Fissaggio / Fastening

Lato robot
Robot side



Lato pinza
Gripper side



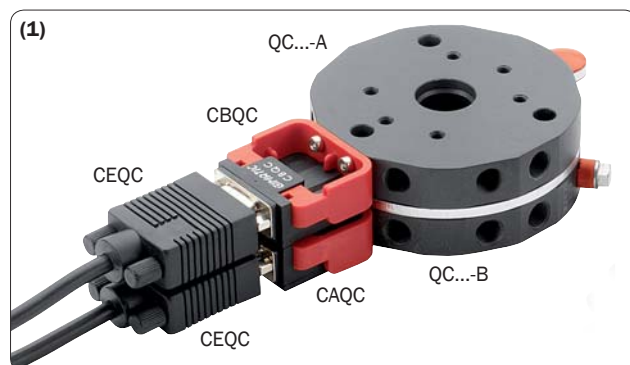
	QC50-A	QC90-A	QC150-A
A	Ø3 (2x)	-	-
B	M5 (3x)	M8 (3x)	M10 (5x)
C	Ø3 (2x)	-	-
D	M4 (3x)	M6 (3x)	M8 (5x)
E	Ø3 (2x)	-	-
F	M3 (4x)	M5 (2x)	-
G	-	Ø20	Ø50
H	-	Ø4 (1x)	Ø5 (1x)

	QC50-B	QC90-B	QC150-B
L	Ø3 (2x)	-	-
M	M5 (3x)	-	M10 (5x)
N	Ø3 (2x)	-	-
P	M4 (3x)	-	M8 (5x)
Q	Ø3 (2x)	-	-
R	M3 (4x)	M5 (6x)	M6 (8x)
S	-	Ø20	Ø50

Accessori

Per la connessione elettrica sono disponibili gli accessori opzionali CAQC e CBQC (1).

L'apertura e la chiusura manuale sono rapide e intuitive (2).



Accessories

The optional accessories CAQC and CBQC are available for the electrical connection (1).

Detachment and joining of the two parts are quick and easy (2).



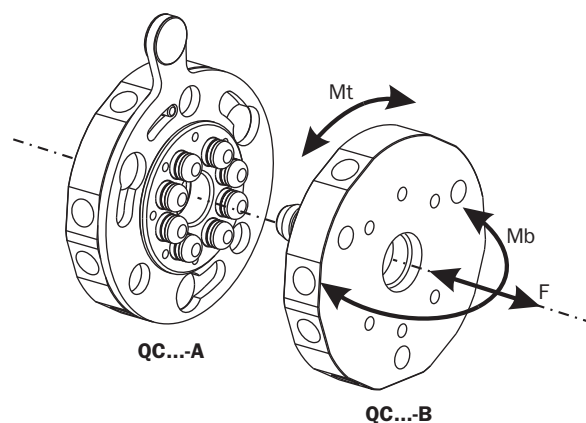
Dopo la chiusura si può agire sulla vite di bloccaggio conica (SET SCREW), per azzerare completamente il gioco fra le due parti (solo per QC-90 e QC-150).

After joining it is possible to engage a conical set screw, to eliminate any play between the two sides, for "zero tolerance" applications.



Carichi di sicurezza / Safety loads

	QC50	QC90	QC150
F	150 N	400 N	1000 N
Mt	20 Nm	100 Nm	250 Nm
Mb	10 Nm	60 Nm	100 Nm



Modulo di connessione elettrica

- 15 connessioni elettriche Ø1 mm.
- Attacco rapido I/O attraverso connettore VGA.
- Connessione a sfregamento autopulente.
- Le due parti sono fornite separatamente:
CAQC - lato robot
CBQC - lato pinza.

Electrical connection module

- 15 pins Ø1 mm.
- I/O quick change by VGA connector.
- Self-cleaning sliding contacts.
- The two parts are supplied separately:
CAQC - robot side
CBQC - gripper side.



CAQC



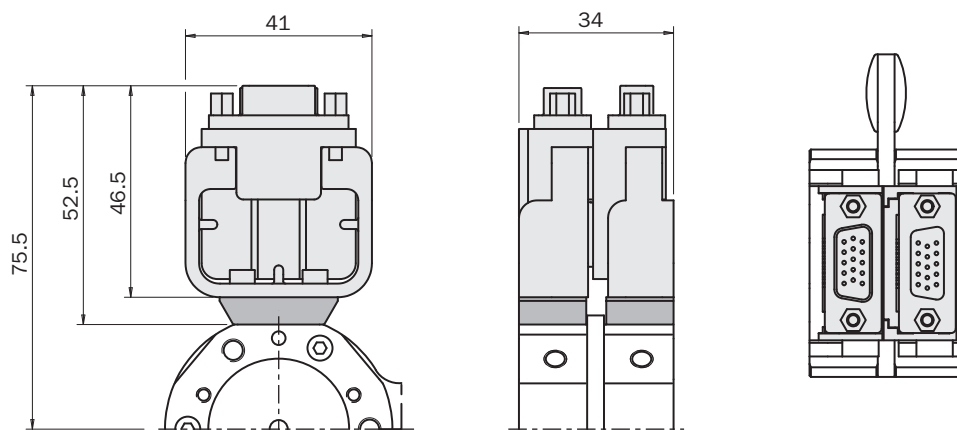
CBQC

	CAQC	CBQC
Tipo di connessione I/O I/O connection type	15 pin D-SUB - Connettore alta densità ad angolo retto - Tipo VGA 15 pins D-SUB - High density elbow type - VGA type	
Resistenza di contatto massima Maximum contact resistance	30 mW @ 100 mA DC	
Resistenza d'isolamento minima Minimum insulation resistance	500 MW @ 500 V DC	
Corrente d'esercizio Working Current	3 A	
Tensione di scarica Break down voltage	1000 V AC (1 minuto) 1000 V AC (1 minute)	
Temperatura di esercizio Temperature range	-55°C ÷ +105°C	
Contatti Contact	Dorati Gold plated	
Prezzo Price		

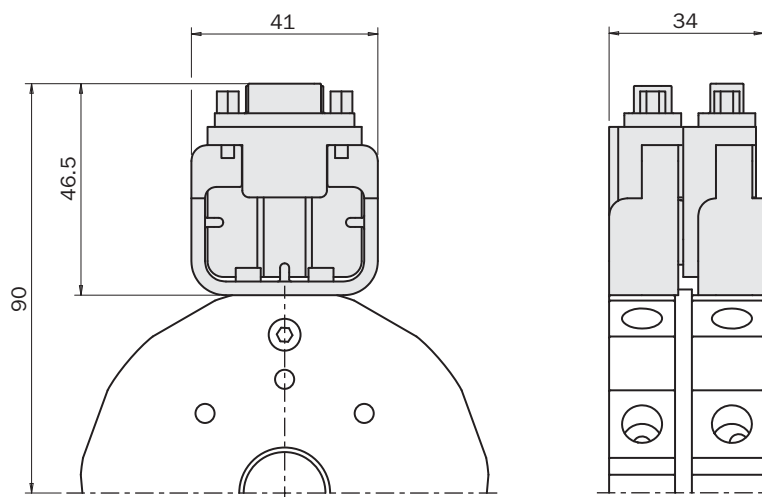
Dimensioni (mm) / Dimensions (mm)

FIRST ANGLE
PROJECTION

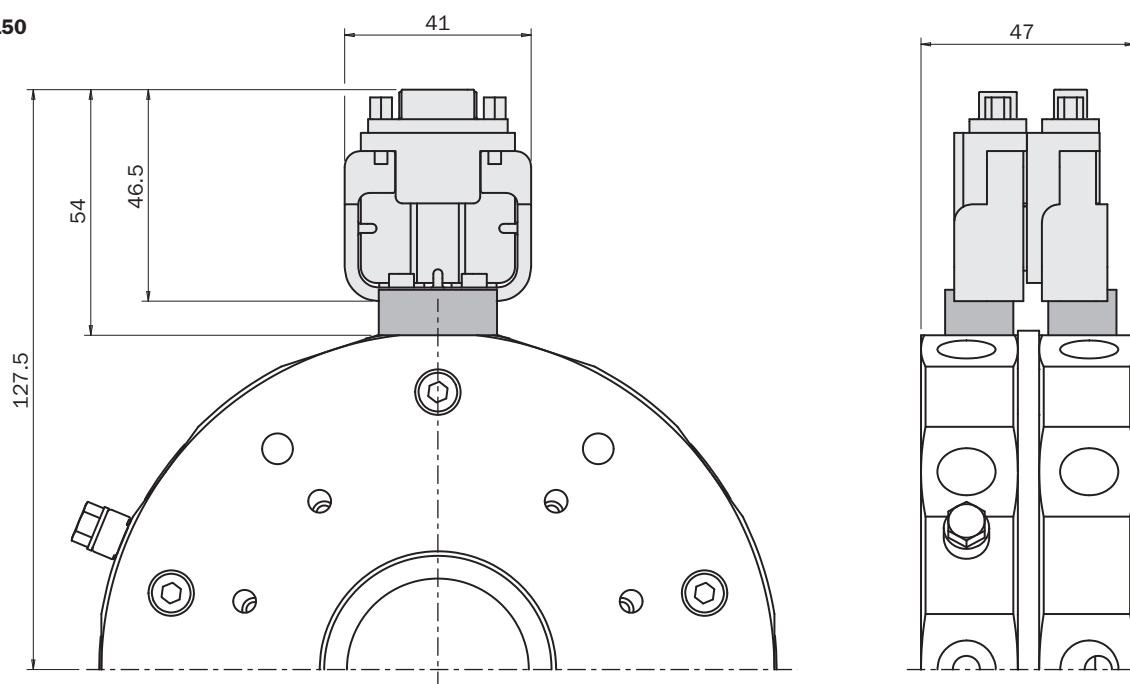
QC50

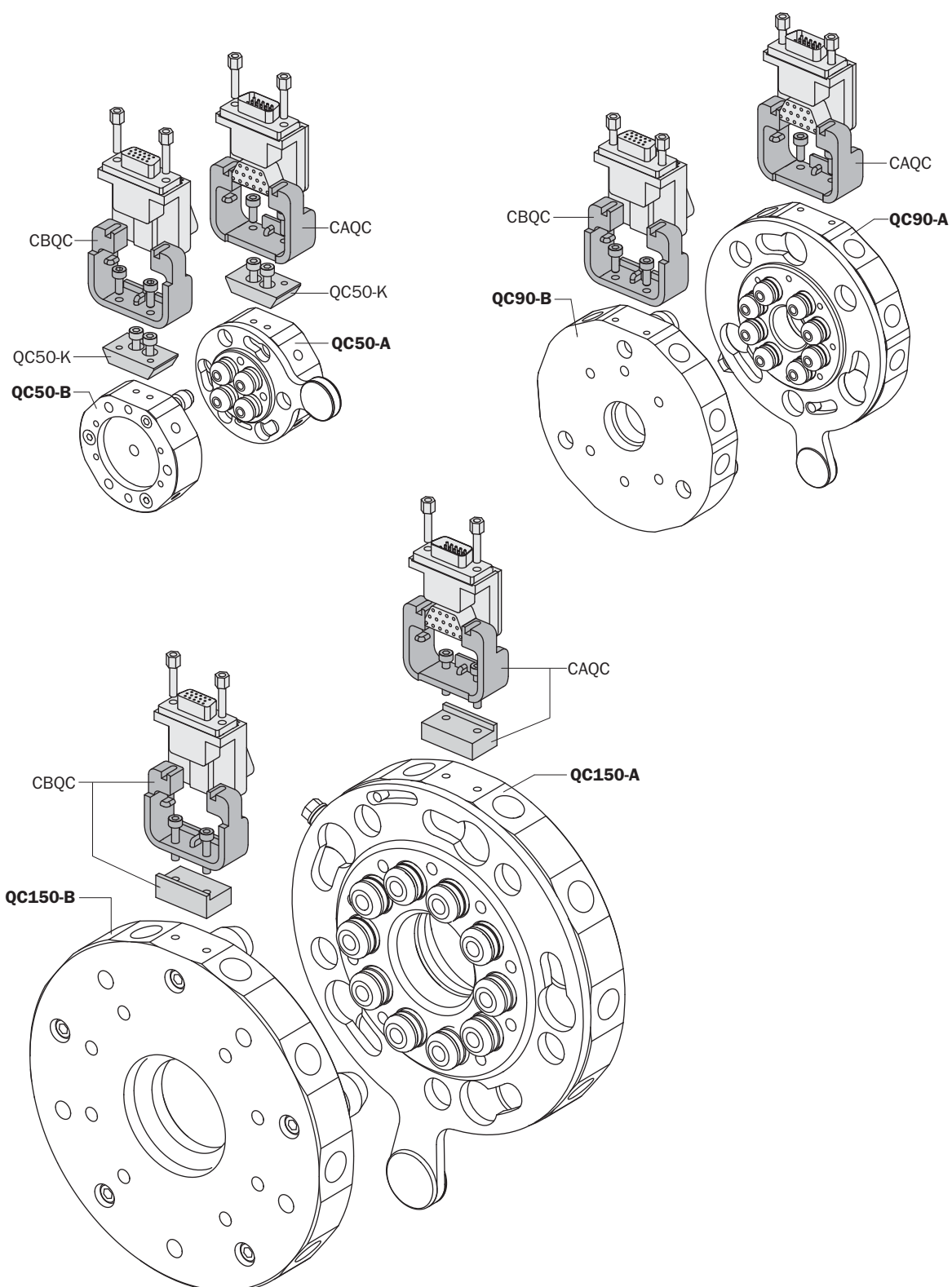


QC90



QC150



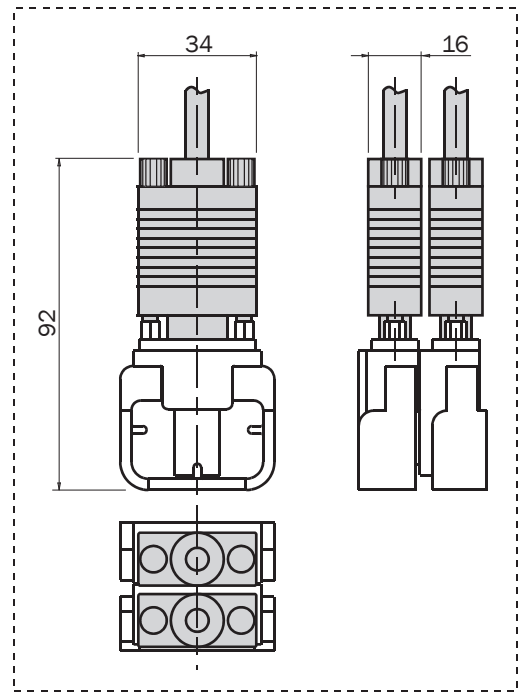


Cavo

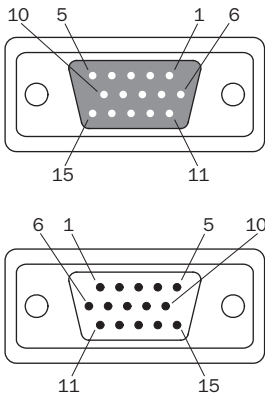
A parte è fornito il cavo maschio-femmina con il codice CEQC.

Cable

The male-female cable (code: CEQC) is supplied separately.



CEQC



	CEQC
Tipo di connessione I/O I/O connection type	15 pin D-SUB - Tipo VGA 15 pins D-SUB - VGA type
Lunghezza cavo Cable length	1500 mm
Conduttori Conductor	500 MW @ 500 V DC
Isolamento Insulation	PVC codifica colori standard PVC premium grade color coded
Schermatura Shield	100% alluminio - Pellicola di mylar - 28÷26 AWG 100% aluminum - Mylar foil - 28÷26 AWG
Guaina Jacket	PVC nero Black PVC
Temperatura di esercizio Temperature range	-55°C ÷ +105°C
Gamma di tensione Voltage rating	0 ÷ 300 V
Certificazioni Approvals	UL/CSA
Prezzo Price	

Attuatore pneumatico per cambia utensile QC

- Consente l'automatizzazione del cambio formato con un incremento minimo dello spessore.
- Sensori opzionali per la posizione del pistone (1) e per la prossimità del lato pinza QC...B (2).
- Perfettamente compatibile con QC90-A e QC150-A esistenti (3).

Pneumatic actuator for quick changer QC

- Allows the automation of the format change with a minimum thickness increase.
- Optional sensors to detect piston position (1) and proximity of the QC...B gripper side (2).
- Perfectly compatible with the existing QC90-A and QC150-A units (3).

	AQC90	AQC150
Peso / Weight	560 g	1480 g
Prezzo / Price		



AQC90

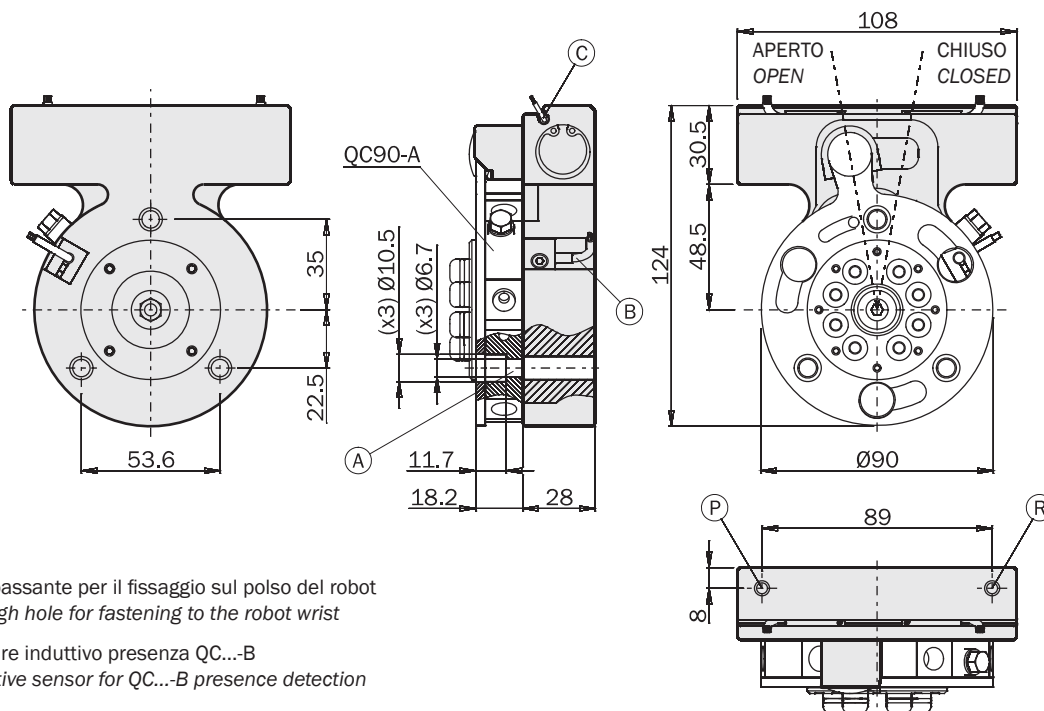


AQC150



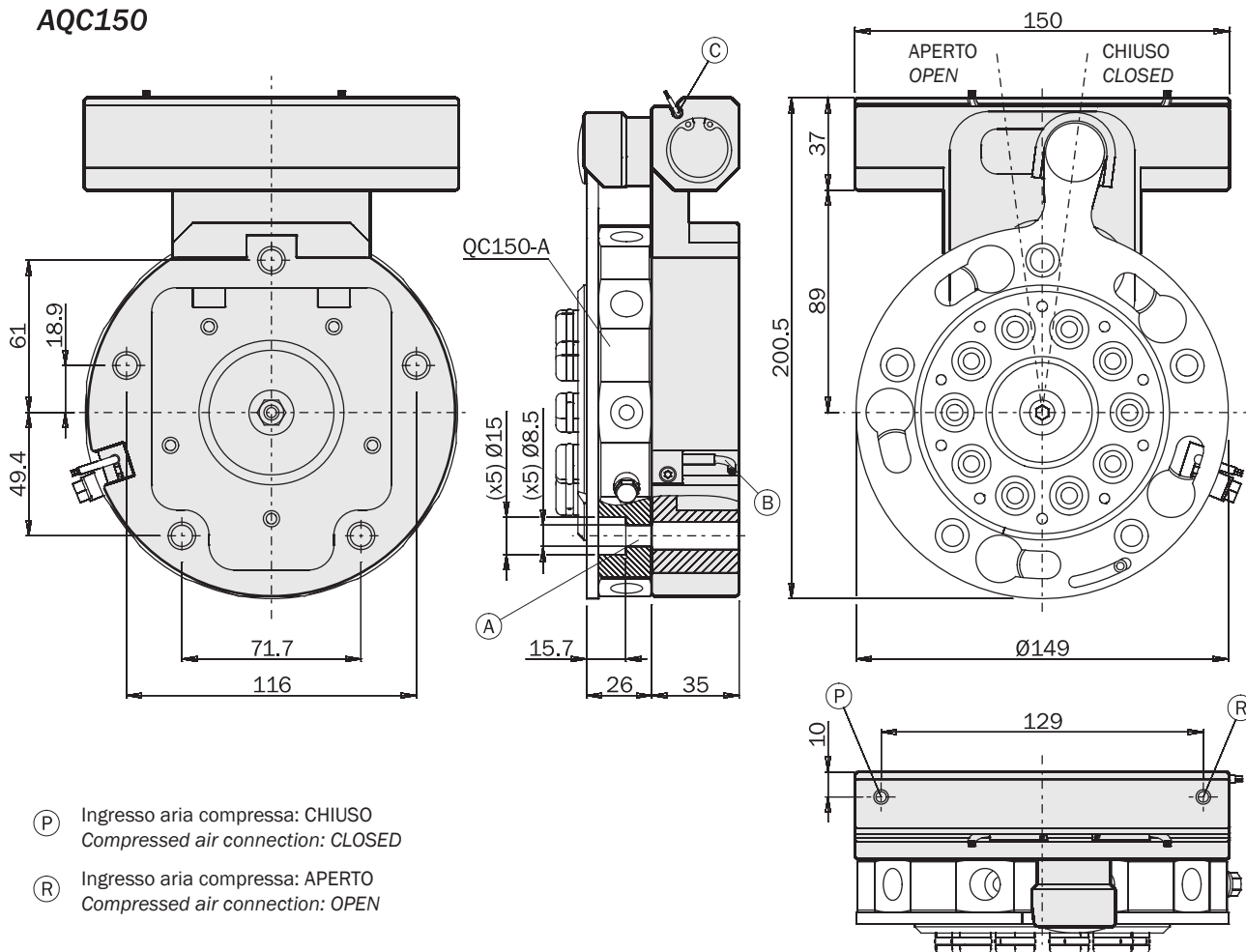
Dimensioni (mm) / Dimensions (mm)

AQC90



- (A) Foro passante per il fissaggio sul polso del robot
Through hole for fastening to the robot wrist
- (B) Sensore induttivo presenza QC...-B
Inductive sensor for QC...-B presence detection
- (C) Sede per sensori serie SS
Slot for SS series sensors

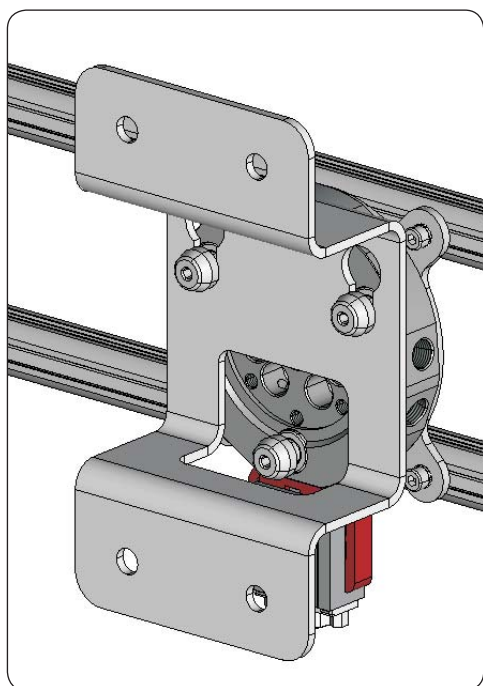
AQC150



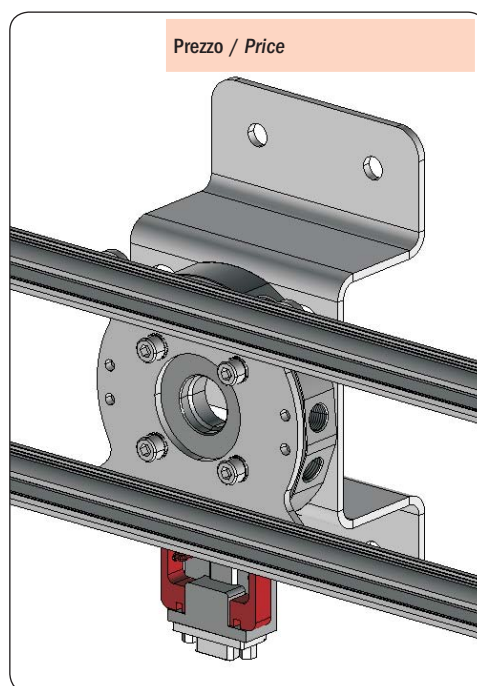
- (P) Ingresso aria compressa: CHIUSO
Compressed air connection: CLOSED
- (R) Ingresso aria compressa: APERTO
Compressed air connection: OPEN



**Magazzino per EOAT QC90-H
(da usare con QC90-B)**



EOAT Storage QC90-H
(to be used with QC90-B)

**Dimensioni (mm) / Dimensions (mm)**