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Technical drawing of the AUMA QGB80.1-F14-RR-RL actuator, showing front, top, side, and coupling views with dimensions in mm.

Front View (Left): Dimensions include 110, 56, 3.5, 100, 140, 175, 172, 51, 120, 84, 88, 42, 38, 54:1, 10, 131, 14.5, 32, 3.5, 8, 28, 31.5, 90, 55, 70, 125, 70, 41, 5, 10, 175, 172, 51, 120, 84, 88, 42, 38, 54:1.

Top View (Right): Dimensions include 110, 56, 3.5, 100, 140, 175, 172, 51, 120, 84, 88, 42, 38, 54:1, 10, 131, 14.5, 32, 3.5, 8, 28, 31.5, 90, 55, 70, 125, 70, 41, 5, 10, 175, 172, 51, 120, 84, 88, 42, 38, 54:1.

Side View (Middle): Dimensions include 110, 56, 3.5, 100, 140, 175, 172, 51, 120, 84, 88, 42, 38, 54:1, 10, 131, 14.5, 32, 3.5, 8, 28, 31.5, 90, 55, 70, 125, 70, 41, 5, 10, 175, 172, 51, 120, 84, 88, 42, 38, 54:1.

Coupling View (Bottom): Dimensions include 110, 56, 3.5, 100, 140, 175, 172, 51, 120, 84, 88, 42, 38, 54:1, 10, 131, 14.5, 32, 3.5, 8, 28, 31.5, 90, 55, 70, 125, 70, 41, 5, 10, 175, 172, 51, 120, 84, 88, 42, 38, 54:1.

Plane flange option (Left): Dimensions include 110, 56, 3.5, 100, 140, 175, 172, 51, 120, 84, 88, 42, 38, 54:1, 10, 131, 14.5, 32, 3.5, 8, 28, 31.5, 90, 55, 70, 125, 70, 41, 5, 10, 175, 172, 51, 120, 84, 88, 42, 38, 54:1.

Technical Drawing Details:

- For manual operation
- 54:1
- 175
- 172
- 51
- 120
- 84
- 88
- 42
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- 54:1
- 10
- 131
- 14.5
- 32
- 3.5
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- 31.5
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- 125
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- 5
- 10
- 175
- 172
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- 120
- 84
- 88
- 42
- 38
- 54:1

Technical Drawing Details:

- For manual operation
- 54:1
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- 172
- 51
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- 84
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Technical Drawing Details:

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Technical Drawing Details:

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- 3.5
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- 55</

Technical drawing of the AUMA QGB80.1-F14-RR-RL actuator, showing dimensions and specifications for manual operation and coupling.

For manual operation

Dimensions:

- Overall height: 172 mm
- Overall width: 120 mm
- Flange diameter: $\varnothing 175$ mm
- Flange thickness: 10 mm
- Flange hole diameter: $\varnothing 70$ mm
- Flange hole spacing: 41 mm
- Flange hole diameter: $\varnothing 125$ mm
- Flange hole spacing: 5 mm
- Flange hole diameter: $\varnothing 90$ mm
- Flange hole spacing: 31,5 mm
- Flange hole diameter: $\varnothing 55$ mm
- Flange hole spacing: 28 mm
- Flange hole diameter: $\varnothing 32$ mm
- Flange hole spacing: 8 mm
- Flange hole diameter: $\varnothing 14,5$ mm

Coupling

Dimensions:

- Overall height: 131 mm
- Overall width: 14,5 mm
- Flange diameter: $\varnothing 102$ mm
- Flange thickness: 10 mm
- Flange hole diameter: $\varnothing 70$ mm
- Flange hole spacing: 41 mm
- Flange hole diameter: $\varnothing 125$ mm
- Flange hole spacing: 5 mm
- Flange hole diameter: $\varnothing 90$ mm
- Flange hole spacing: 31,5 mm
- Flange hole diameter: $\varnothing 55$ mm
- Flange hole spacing: 28 mm
- Flange hole diameter: $\varnothing 32$ mm
- Flange hole spacing: 8 mm
- Flange hole diameter: $\varnothing 14,5$ mm

Plane flange option

Dimensions:

- Overall height: 172 mm
- Overall width: 120 mm
- Flange diameter: $\varnothing 175$ mm
- Flange thickness: 10 mm
- Flange hole diameter: $\varnothing 70$ mm
- Flange hole spacing: 41 mm
- Flange hole diameter: $\varnothing 125$ mm
- Flange hole spacing: 5 mm
- Flange hole diameter: $\varnothing 90$ mm
- Flange hole spacing: 31,5 mm
- Flange hole diameter: $\varnothing 55$ mm
- Flange hole spacing: 28 mm
- Flange hole diameter: $\varnothing 32$ mm
- Flange hole spacing: 8 mm
- Flange hole diameter: $\varnothing 14,5$ mm

Technical specifications:

- Scale: 1:2
- Model: QGB80.1-F14-RR-RL
- Version: U2.5720
- Manufacturer: AUMA Riester GmbH & Co. KG
- Address: P.O. Box 1362, 79373 Muelheim/Germany
- Phone: +49 7631 809-0
- Fax: +49 7631 13218

Notes:

- All dimensions in mm
- For all other dimensions of actuators/gearboxes, refer to the latest dimension sheet issue

Technical Drawing of AUMA Actuator QGB80.1-F14-RR-RL

This drawing shows the front, top, side, and coupling views of the actuator, along with detailed dimensions and a specification table.

Dimensions:

- Front View: Overall width 110 mm, height 175 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Top View: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Side View: Overall width 131 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Coupling View: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Plane flange option: Overall width 110 mm, height 175 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Mounting Flange: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Coupling: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.

Scale: F10 54:1, F07 225:1

Table:

Date	Name
2018-06-07	Goltsev
2018-06-08	Duffner
2018-06-08	Goltsev

AUMA Riester GmbH & Co. KG
P.O. Box 1362
79373 Muellheim/Germany
Tel. +49 7631 809-0
Fax +49 7631 13218

QGB80.1-F14-RR-RL

U2.5720

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Technical Drawing of AUMA Actuator QGB80.1-F14-RR-RL

This drawing shows the front, top, side, and coupling views of the actuator, along with detailed dimensions and a specification table.

Dimensions:

- Front View: Overall width 110 mm, height 175 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Top View: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Side View: Overall width 131 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Coupling View: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Plane flange option: Overall width 110 mm, height 175 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Flange Details: Flange diameter $\varnothing 175$, mounting hole diameter $\varnothing 100$, bolt circle diameter $\varnothing 140$.
- Mounting Bracket: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Actuator Housing: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Shaft: Diameter $\varnothing 47$, length 65 mm.

Table 1: Revision History

No.	Date	Name	Description
1	2018-06-07	Goltsev	Edited
2	2018-06-08	Duffner	Checked
3	2018-06-08	Goltsev	Rel.

Table 2: Technical Specifications

Scale	Material	Weight	Notes
1:2	Stainless Steel	~1.5 kg	For manual operation

Table 3: Contact Information

Company	Address	Phone	Fax
AUMA Riester GmbH & Co. KG	P.O. Box 1362 79373 Muellheim/Germany	+49 7631 809-0	+49 7631 13218

Table 4: Product Identification

Product Code	Page
QGB80.1-F14-RR-RL	1

Table 5: Drawing Information

State	Revision	Date	Name
54:1	225:1		

Table 6: Dimensions

Dimension	Value
Overall Width	110 mm
Overall Height	175 mm
Flange Diameter	$\varnothing 175$
Mounting Hole Diameter	$\varnothing 100$
Bolt Circle Diameter	$\varnothing 140$
Bolt Size	M16x25

Table 7: Notes

Note
All dimensions in mm
For all other dimensions of actuators/gearboxes, refer to the latest dimension sheet issue

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Technical Drawing of AUMA Actuator QGB80.1-F14-RR-RL

This drawing shows the front, top, side, and coupling views of the actuator, along with detailed dimensions and a specification table.

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- Top View: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Side View: Overall width 131 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Coupling View: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Plane flange option: Overall width 110 mm, height 175 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Flange Details: Flange diameter $\varnothing 175$, mounting hole diameter $\varnothing 100$, bolt circle diameter $\varnothing 140$.
- Mounting Bracket: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Coupling: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.

Scale: 1:2

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2018-06-07	Goltsev
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Technical Drawing of Actuator GQB80.1-F14-RR-RL

This drawing shows the front, top, side, and coupling views of the actuator, along with detailed dimensions and a specification table.

Dimensions:

- Front View: Overall width 110 mm, height 175 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Top View: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 88$, $\varnothing 84$. Bolt size M16x25.
- Side View: Overall width 131 mm, height 10 mm. Flange diameter $\varnothing 125$, mounting hole $\varnothing 70$. Bolt size M16x25.
- Coupling View: Overall width 145 mm, height 10 mm. Flange diameter $\varnothing 90$, mounting hole $\varnothing 55$. Bolt size M16x25.
- Plane flange option: Overall width 110 mm, height 175 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Coupling Detail: Overall width 102 mm, height 22,5 mm. Flange diameter $\varnothing 102$, mounting hole $\varnothing 70$. Bolt size M16x25.
- Bottom View: Overall width 65 mm, height 47 mm. Flange diameter $\varnothing 81,6$, mounting hole $\varnothing 60$. Bolt size M16x25.

Scale: 1:2

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Technical Drawing of AUMA Actuator QGB80.1-F14-RR-RL

This drawing shows the front, top, side, and coupling views of the actuator, along with detailed dimensions and a specification table.

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- Side View: Overall width 131 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Coupling View: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Plane flange option: Overall width 110 mm, height 175 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Flange Details: Flange diameter $\varnothing 175$, mounting hole diameter $\varnothing 100$, bolt circle diameter $\varnothing 140$.
- Mounting Bracket: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.
- Coupling: Overall width 120 mm, height 172 mm. Flange diameter $\varnothing 175$. Mounting holes $\varnothing 100$, $\varnothing 140$. Bolt size M16x25.

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