

# Product Specifications

## Highly Productive Modular Assembly System

**System brings unmatched Reliability and Durability to your assembly line**

## FEATURES

## Spindle Assembly

- **Drive attachments:** Full complement of modular configurations
- **Motors:** New high precision
- **Transducer:** New digital. Available with single or dual units
- **Protection class:** IP54



## SPECIFICATIONS

**TYPE**

4BD-4B500A-4K2D-4ZA

**TORQUE RANGE (Nm)**

Min / Max: 50 - 500

**IDLE SPEED (1/min)**

269

**FLOAT (mm)**

50

## FLOATING ADAPTER

916643

## FLOATING ADAPTER WITH FLANGE HOUSING

—

## WEIGHT & DIMENSIONS

Weight 20.0 kg / 44.10 lb

Length 689 mm / 27.13 in

Side to Center 91 mm / 3.58 in

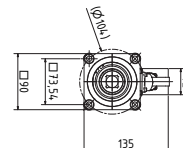
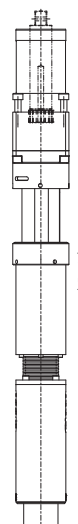
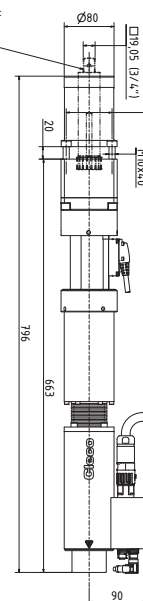
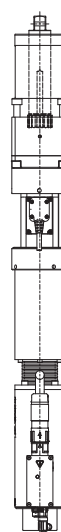
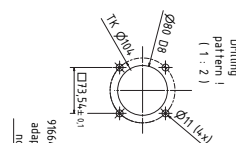
Country of Origin: Germany



MODEL: BD

SIZE :4

### 50 - 500 Nm TORQUE



## 4BD500T2S-A

### STRAIGHT ATTACHMENT TWIN TRANSDUCER

### Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

MODEL: BD

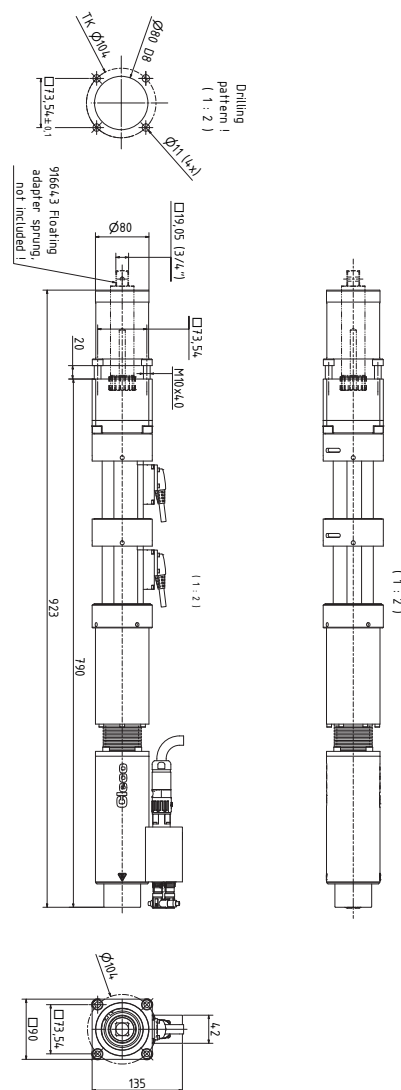
SIZE :4

50 - 500 Nm TORQUE

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BD-4B500A-2/4K2D-4ZA

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

269

### FLOAT (mm)

50

### FLOATING ADAPTER

916643

### FLOATING ADAPTER WITH FLANGE HOUSING

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### WEIGHT & DIMENSIONS

Weight 23.0 kg / 50.72 lb  
Length 817 mm / 32.17 in  
Side to Center 91 mm / 3.58 in  
Country of Origin: Germany



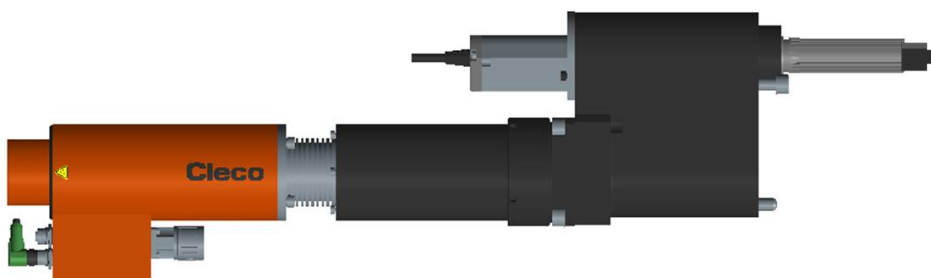
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## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BD-4B500A-4VK2D

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

252

### FLOAT (mm)

50

### FLOATING ADAPTER

912106

### FLOATING ADAPTER WITH FLANGE HOUSING

S308440

### WEIGHT & DIMENSIONS

Weight 21.5 kg / 47.41 lb  
Length 655 mm / 25.79 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



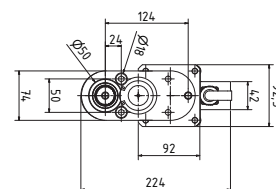
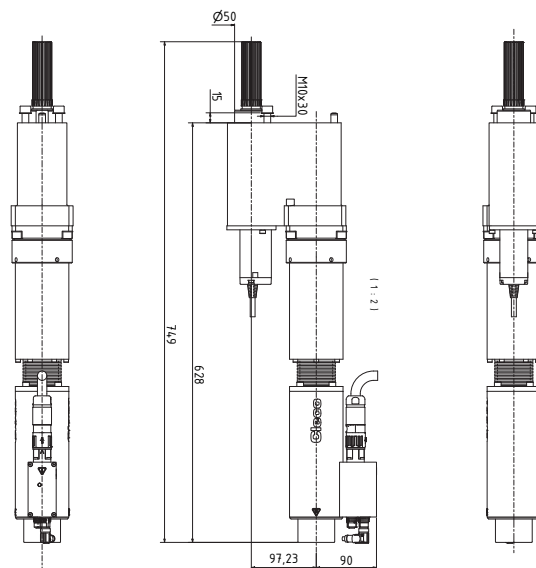
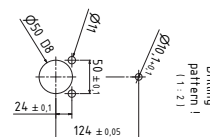
## 4BD500T10-A

## OFFSET DRIVE SINGLE TRANSDUCER

MODEL: BD

SIZE :4

50 - 500 Nm TORQUE



## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BD-4B500A-4K2D-4VK2D

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

252

### FLOAT (mm)

50

### FLOATING ADAPTER

912106

### FLOATING ADAPTER WITH FLANGE HOUSING

S308440

### WEIGHT & DIMENSIONS

Weight 24.5 kg / 54.02 lb  
Length 782 mm / 30.79 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



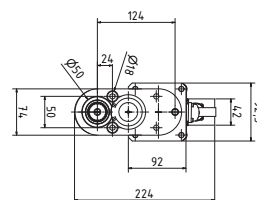
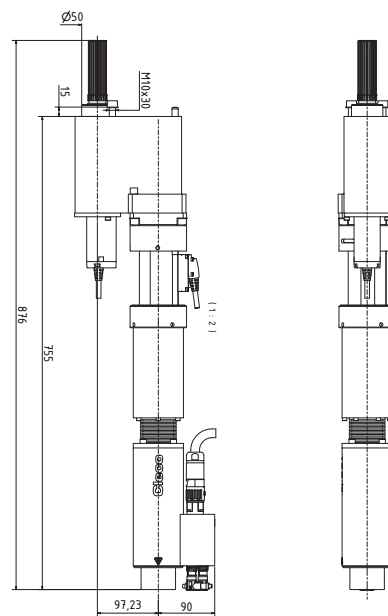
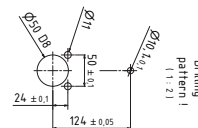
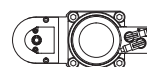
## 4BD500T20-A

## OFFSET ATTACHEMENT, TWIN TRANSDUCER

MODEL: BD

SIZE :4

50 - 500 Nm TORQUE





## 4BD500T1A-A

### ANGLE DRIVE SINGLE TRANSDUCER

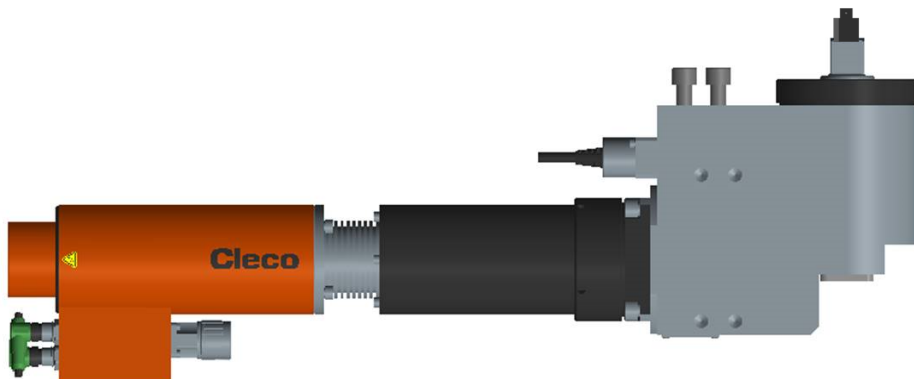
### Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

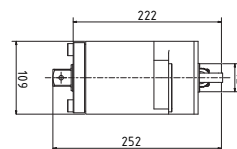
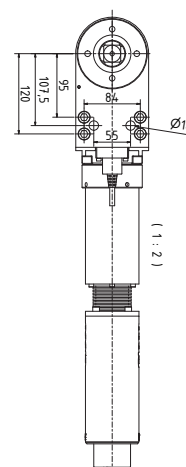
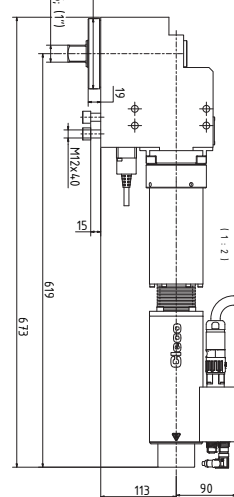
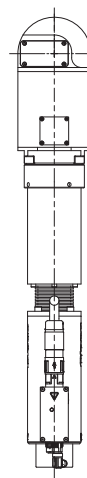
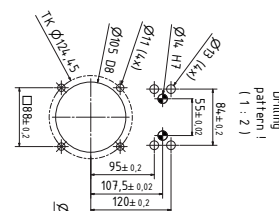
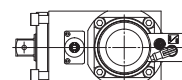
- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



MODEL: BD

SIZE :4

50 - 500 Nm TORQUE



## SPECIFICATIONS

### TYPE

4BD-4B500A-4WK2D

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

259

### FLOAT (mm)

25

### FLOATING ADAPTER

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### FLOATING ADAPTER WITH FLANGE HOUSING

929089

### WEIGHT & DIMENSIONS

Weight 26.1 kg / 57.55 lb  
Length 645 mm / 25.39 in  
Side to Center 112 mm / 4.41 in  
Country of Origin: Germany



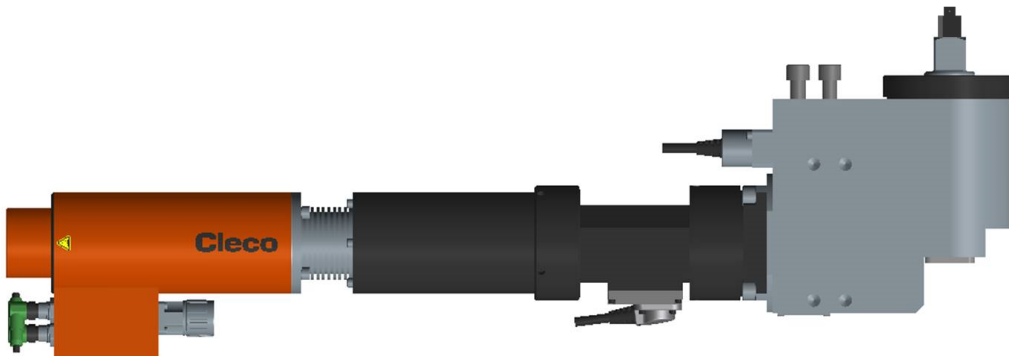
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## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BD-4B500A-4K2D-4WK2D

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

259

### FLOAT (mm)

25

### FLOATING ADAPTER

--

### FLOATING ADAPTER WITH FLANGE HOUSING

929089

### WEIGHT & DIMENSIONS

Weight 29.1 kg / 64.17 lb  
Length 772 mm / 30.39 in  
Side to Center 112 mm / 4.41 in  
Country of Origin: Germany



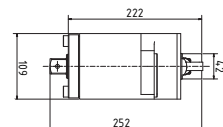
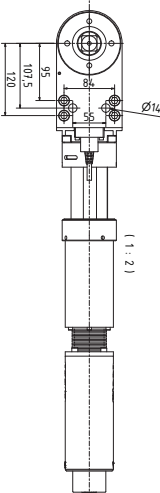
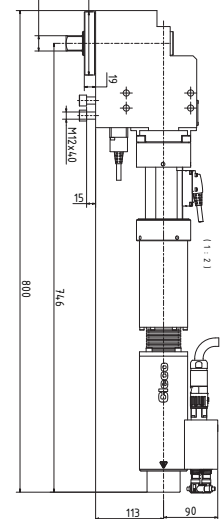
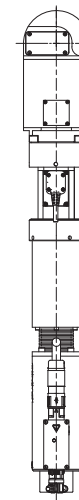
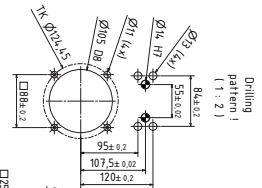
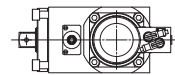
## 4BD500T2A-A

## ANGLE ATTACHEMENT TWIN TRANSDUCER

MODEL: BD

SIZE :4

50 - 500 Nm TORQUE



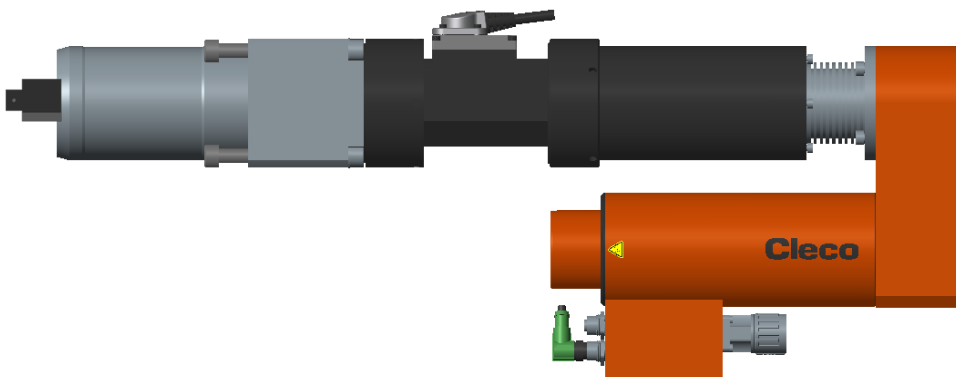
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## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BDU-4B500A-4K2D-4ZA

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

269

### FLOAT (mm)

50

### FLOATING ADAPTER

916643

### FLOATING ADAPTER WITH FLANGE HOUSING

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### WEIGHT & DIMENSIONS

Weight 21.5 kg / 47.41 lb  
Length 497 mm / 19.57 in  
Side to Center 91 mm / 3.58 in  
Country of Origin: Germany



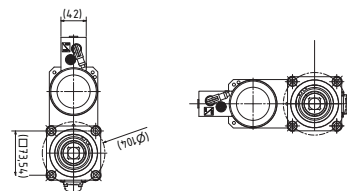
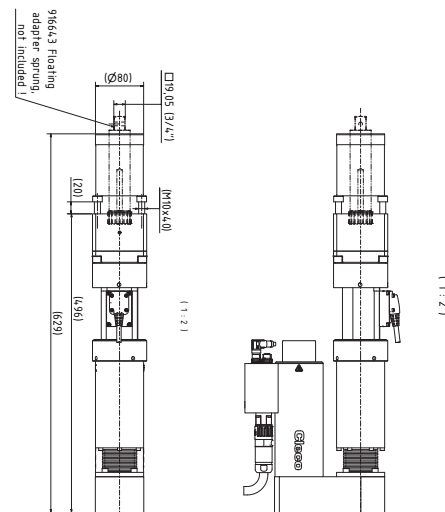
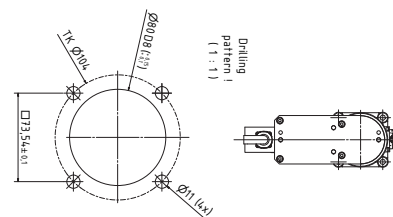
## 4BDU500T1S-A

**STRAIGHT DRIVE, REVERSIBLE GEARS,  
SINGLE TRANSDUCER**

MODEL: BD

SIZE :4

50 - 500 Nm TORQUE



## Highly Productive Modular Assembly System

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## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BDU-4B500A-2/4K2D-4ZA

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

269

### FLOAT (mm)

50

### FLOATING ADAPTER

916643

### FLOATING ADAPTER WITH FLANGE HOUSING

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### WEIGHT & DIMENSIONS

Weight 24.5 kg / 54.02 lb  
Length 625 mm / 24.61 in  
Side to Center 91 mm / 3.58 in  
Country of Origin: Germany



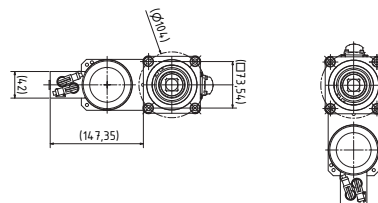
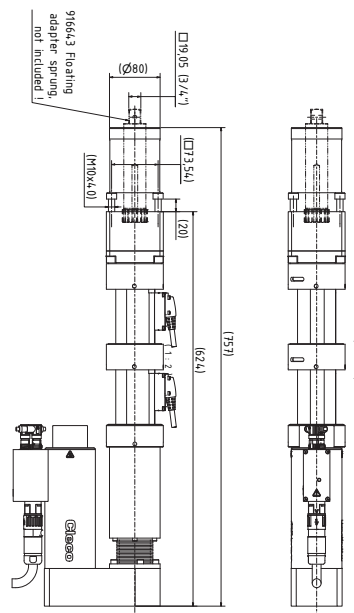
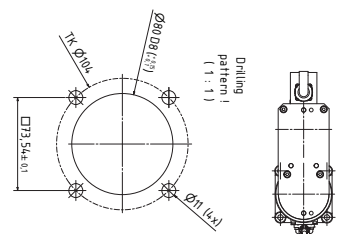
## 4BDU500T2S-A

STRAIGHT ATTACHMENT, REVERSIBLE GEARS,  
TWIN TRANSDUCER

MODEL: BD

SIZE :4

50 - 500 Nm TORQUE



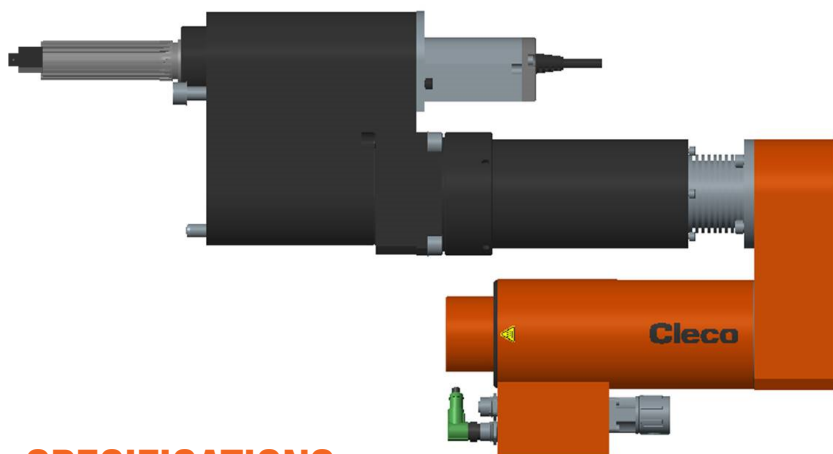
## Highly Productive Modular Assembly System

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## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BDU-4B500A-4VK2D

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

252

### FLOAT (mm)

50

### FLOATING ADAPTER

912106

### FLOATING ADAPTER WITH FLANGE HOUSING

S308440

### WEIGHT & DIMENSIONS

Weight 23.0 kg / 50.72 lb  
Length 463 mm / 18.23 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



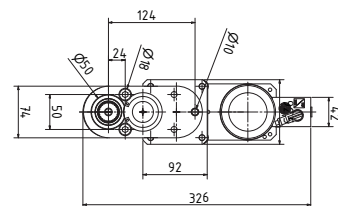
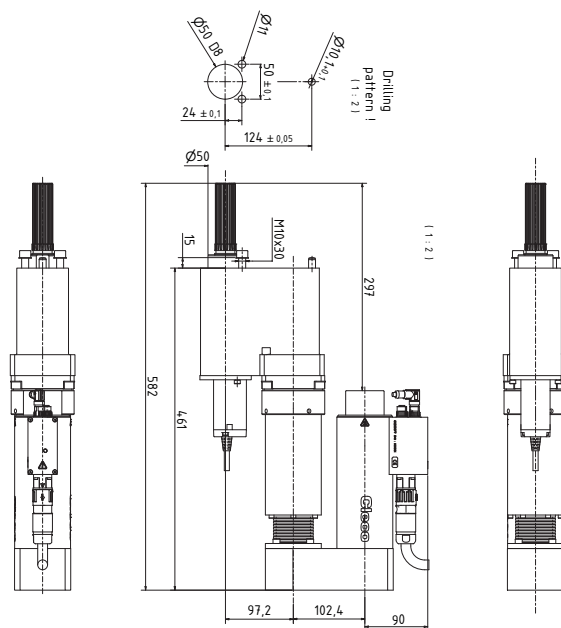
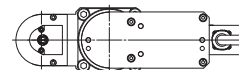
## 4BDU500T10-A

OFFSET DRIVE, REVERSIBLE GEARS,  
SINGLE TRANSDUCER

MODEL: BD

SIZE :4

50 - 500 Nm TORQUE



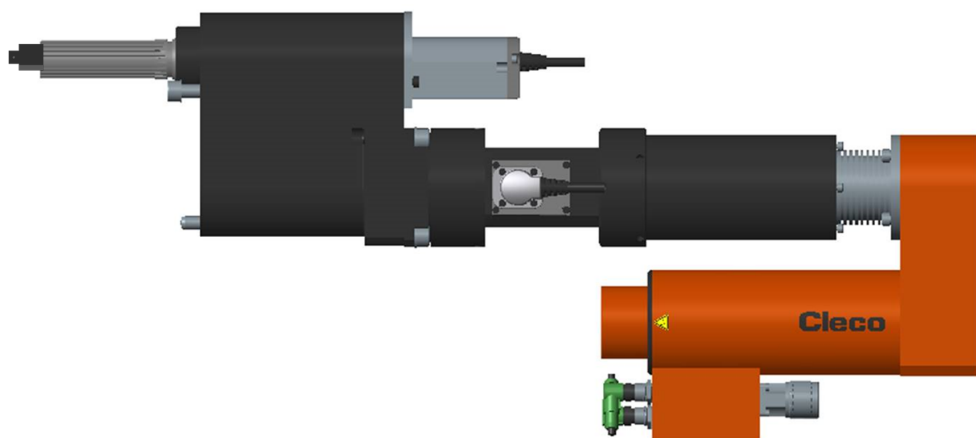
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BDU-4B500A-4K2D-4VK2D

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

252

### FLOAT (mm)

50

### FLOATING ADAPTER

912106

### FLOATING ADAPTER WITH FLANGE HOUSING

S308440

### WEIGHT & DIMENSIONS

Weight 26.0 kg / 57.33 lb  
Length 590 mm / 23.23 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



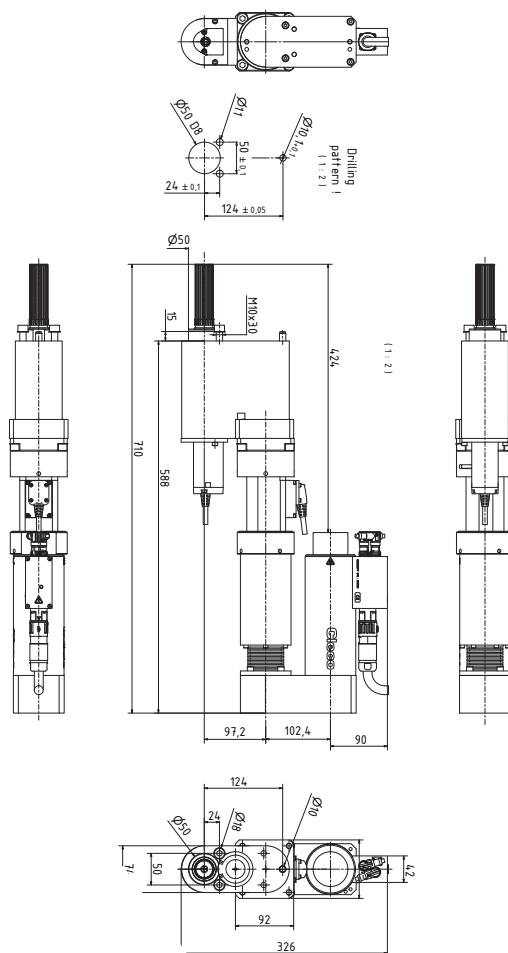
## 4BDU500T20-A

### OFFSET ATTACHMENT, REVERSIBLE GEARS, TWIN TRANSDUCER

MODEL: BD

SIZE :4

50 - 500 Nm TORQUE



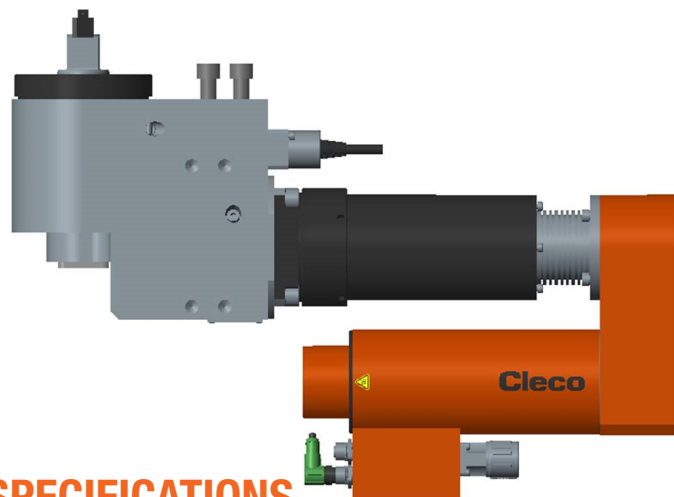
## Highly Productive Modular Assembly System

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## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BDU-4B500A-4WK2D

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

259

### FLOAT (mm)

25

### FLOATING ADAPTER

### FLOATING ADAPTER WITH FLANGE HOUSING

929089

### WEIGHT & DIMENSIONS

Weight 27.7 kg / 61.08 lb  
Length 453 mm / 17.83 in  
Side to Center 112 mm / 4.41 in  
Country of Origin: Germany



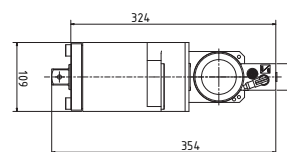
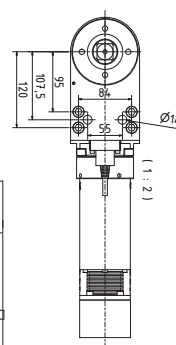
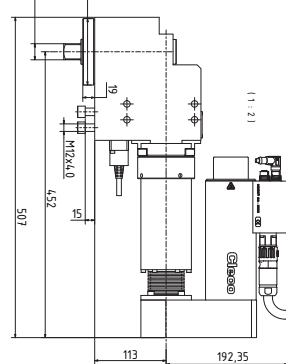
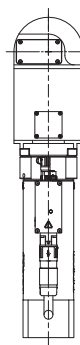
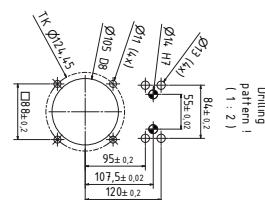
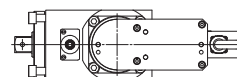
## 4BDU500T1A-A

ANGLE DRIVE, REVERSIBLE GEARS,  
SINGLE TRANSDUCER

MODEL: BD

SIZE :4

50 - 500 Nm TORQUE



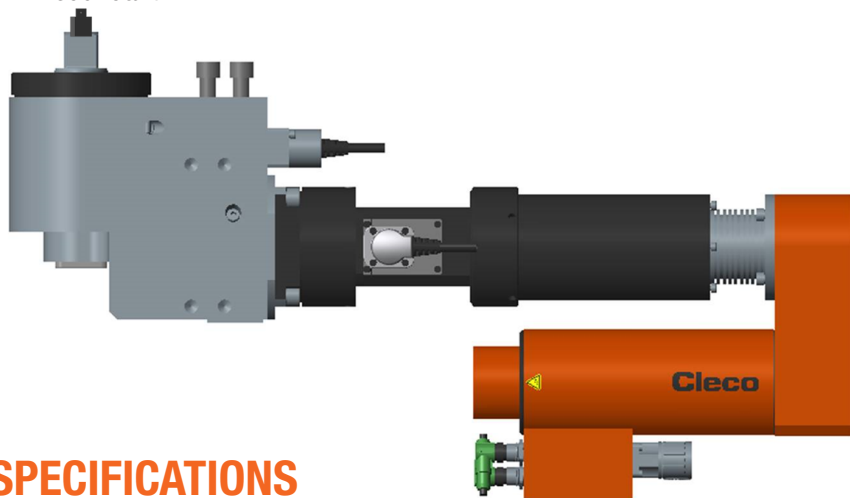
## Highly Productive Modular Assembly System

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## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BDU-4B500A-4K2D-4WK2D

### TORQUE RANGE (Nm)

Min / Max: 50 - 500

### IDLE SPEED (1/min)

259

### FLOAT (mm)

25

### FLOATING ADAPTER

### FLOATING ADAPTER WITH FLANGE HOUSING

929089

### WEIGHT & DIMENSIONS

Weight 30.7 kg / 67.69 lb  
Length 580 mm / 22.83 in  
Side to Center 112 mm / 4.41 in  
Country of Origin: Germany



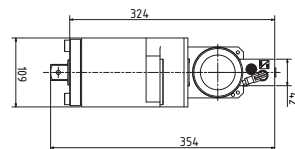
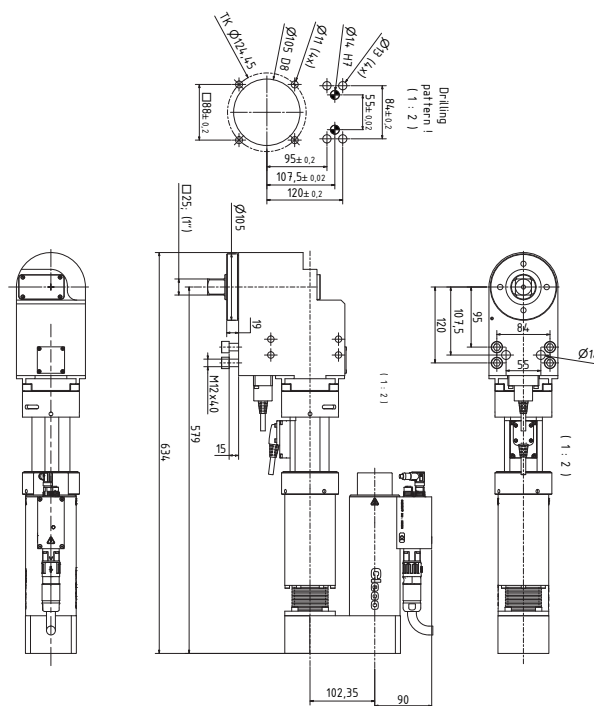
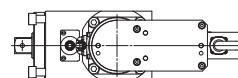
## 4BDU500T2A-A

### ANGLE ATTACHMENT, REVERSIBLE GEARS, TWIN TRANSDUCER

MODEL: BD

SIZE :4

50 - 500 Nm TORQUE





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## FEATURES

### Spindle Assembly

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- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BD-4B660A-4K3D-4ZA

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

183

### FLOAT (mm)

50

### FLOATING ADAPTER

916642

### FLOATING ADAPTER WITH FLANGE HOUSING

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### WEIGHT & DIMENSIONS

Weight 20.0 kg / 44.10 lb  
Length 689 mm / 27.13 in  
Side to Center 91 mm / 3.58 in  
Country of Origin: Germany



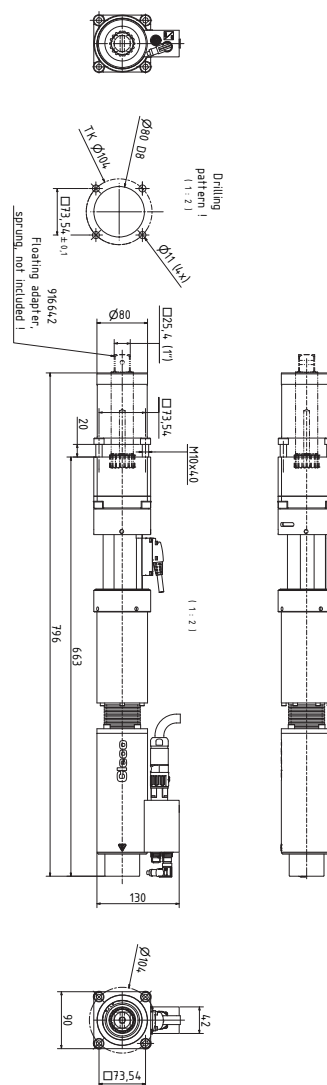
## 4BD660T1S-A

## STRAIGHT DRIVE SINGLE TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



# Product Specifications

## Highly Productive Modular Assembly System

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## FEATURES

## Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

## TYPE

4BD-4B660A-2/4K3D-4ZA

**TORQUE RANGE (Nm)**

Min / Max: 66 - 660

**IDLE SPEED (1/min)**

183

**Float (mm)**

50

## FLOATING ADAPTER

916642

## FLOATING ADAPTER WITH FLANGE HOUSING

—

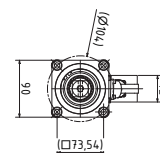
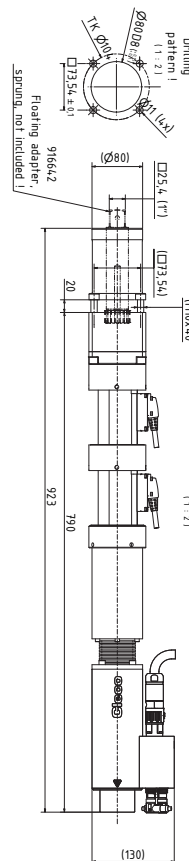
## WEIGHT & DIMENSIONS

Weight 23.0 kg / 50.72 lb

Length 817 mm / 32.17 in

Side to Center 91 mm / 3.58 in

Country of Origin: Germany



MODEL: BD

SIZE :4

## 66 - 660 Nm TORQUE



## 4BD660T1O-A

### OFFSET DRIVE SINGLE TRANSDUCER

### Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

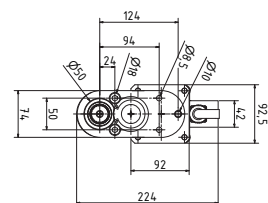
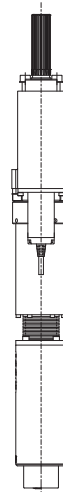
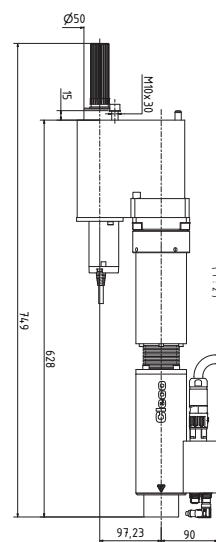
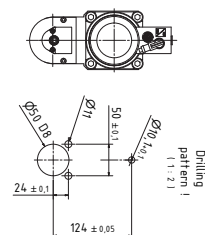
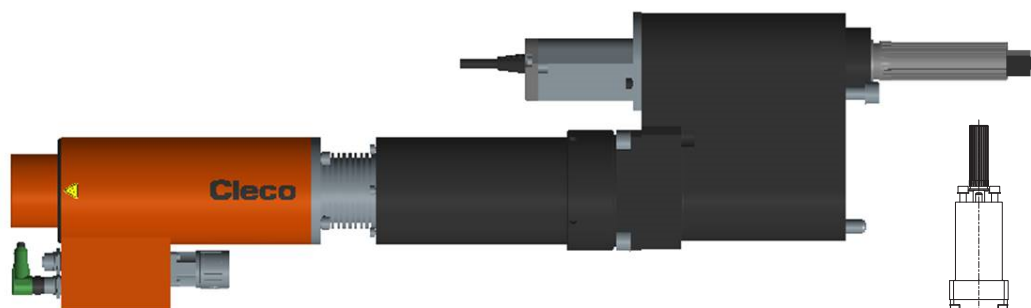
### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



## SPECIFICATIONS

### TYPE

4BD-4B660A-4VK3D

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

172

### FLOAT (mm)

50

### FLOATING ADAPTER

912147

### FLOATING ADAPTER WITH FLANGE HOUSING

S308474

### WEIGHT & DIMENSIONS

Weight 21.5 kg / 47.41 lb  
Length 655 mm / 25.79 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



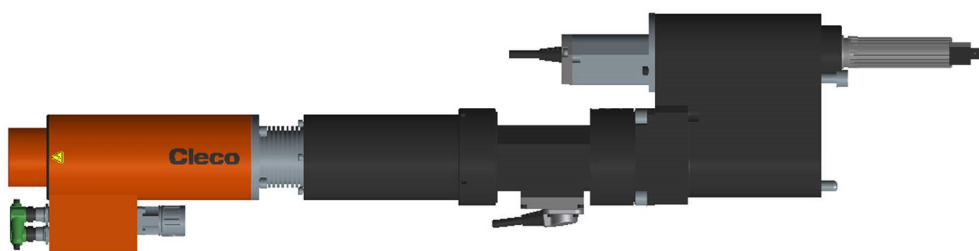
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BD-4B660A-4K3D-4VK3D

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

172

### FLOAT (mm)

50

### FLOATING ADAPTER

912147

### FLOATING ADAPTER WITH FLANGE HOUSING

S308474

### WEIGHT & DIMENSIONS

Weight 24.5 kg / 54.02 lb  
Length 782 mm / 30.79 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



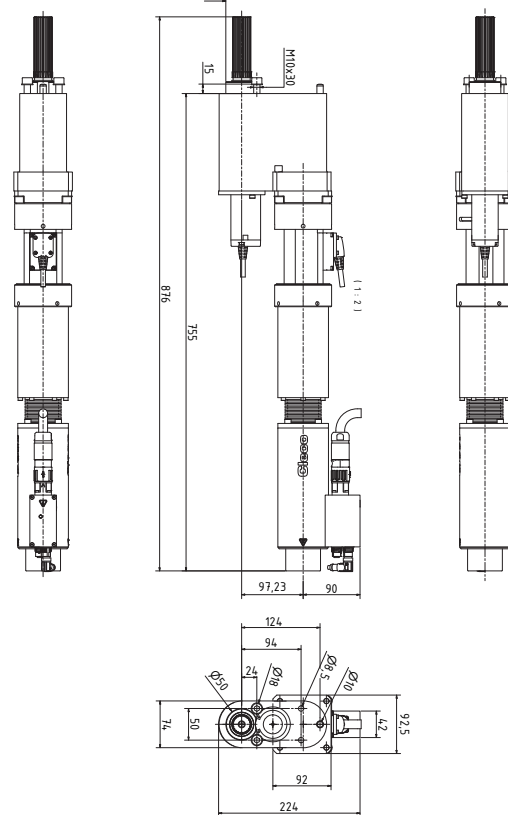
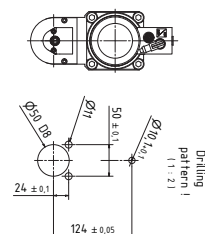
## 4BD660T20-A

## OFFSET ATTACHMENT TWIN TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



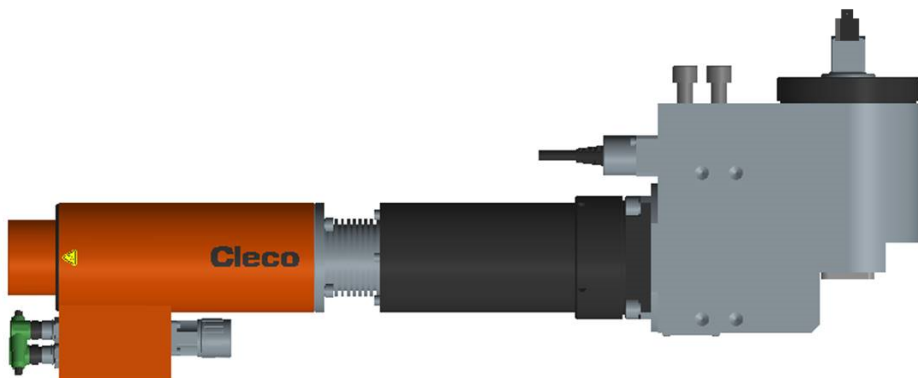
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BD-4B660A-4WK3D

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

177

### FLOAT (mm)

25

### FLOATING ADAPTER

--

### FLOATING ADAPTER WITH FLANGE HOUSING

929089

### WEIGHT & DIMENSIONS

Weight 26.1 kg / 57.55 lb  
 Length 645 mm / 25.39 in  
 Side to Center 112 mm / 4.41 in  
 Country of Origin: Germany



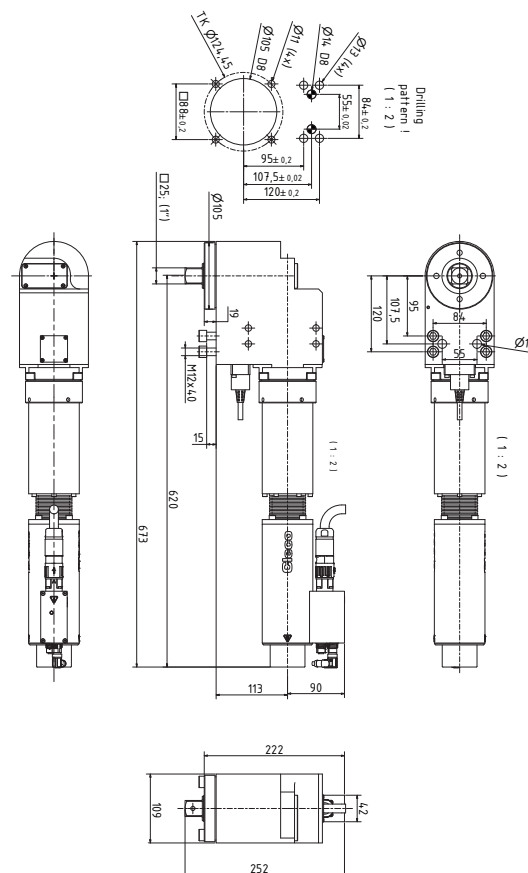
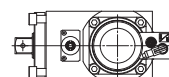
## 4BD660T1A-A

## ANGLE DRIVE SINGLE TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



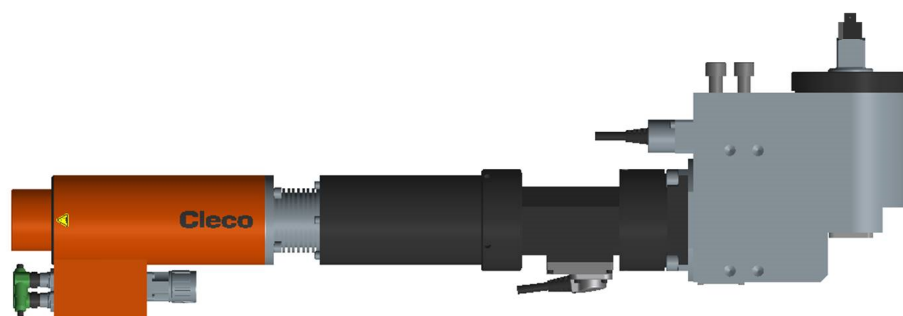
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BD-4B660A-4K3D-4WK3D

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

177

### FLOAT (mm)

25

### FLOATING ADAPTER

--

### FLOATING ADAPTER WITH FLANGE HOUSING

929089

### WEIGHT & DIMENSIONS

Weight 29.1 kg / 64.17 lb  
Length 772 mm / 30.39 in  
Side to Center 112 mm / 4.41 in  
Country of Origin: Germany



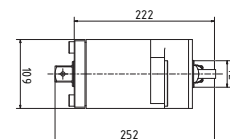
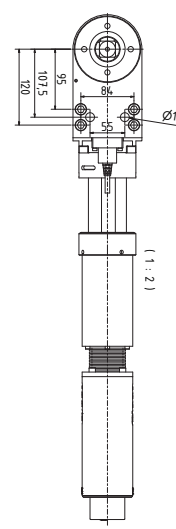
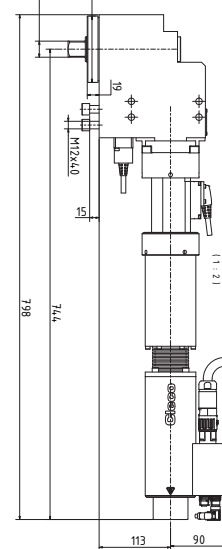
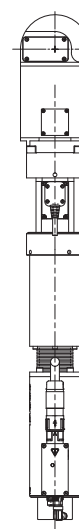
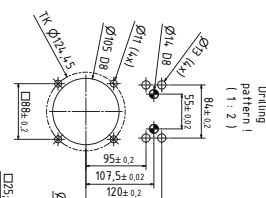
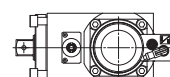
## 4BD660T2A-A

## ANGLE ATTACHMENT TWIN TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



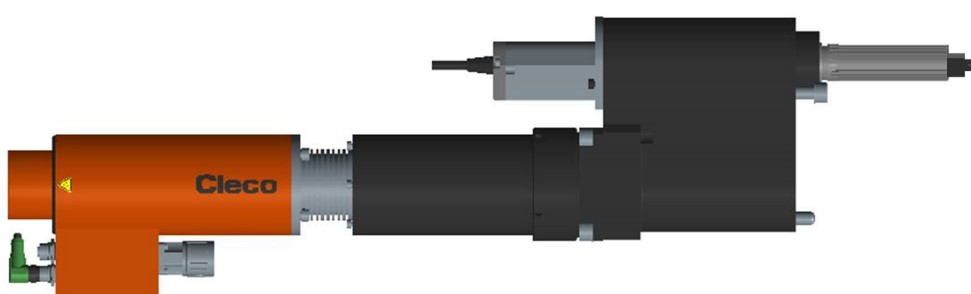
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BD-4B660A-4VK4D

### TORQUE RANGE (Nm)

Min / Max: 75 - 750

### IDLE SPEED (1/min)

143

### FLOAT (mm)

50

### FLOATING ADAPTER

912147

### FLOATING ADAPTER WITH FLANGE HOUSING

S308474

### WEIGHT & DIMENSIONS

Weight 22.0 kg / 48.51 lb  
Length 655 mm / 25.79 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



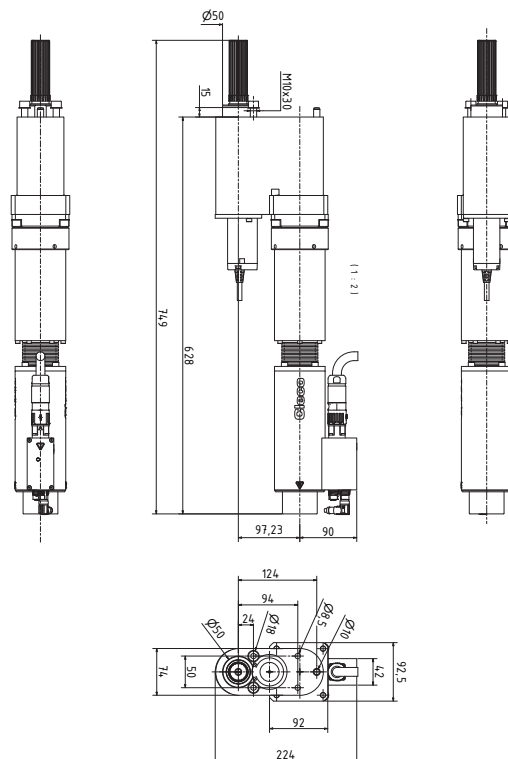
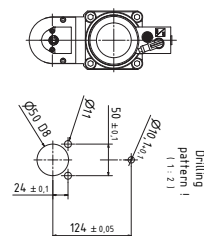
## 4BD750T10-A

## OFFSET DRIVE SINGLE TRANSDUCER

MODEL: BD

SIZE :4

75 - 750 Nm TORQUE



# Product Specifications

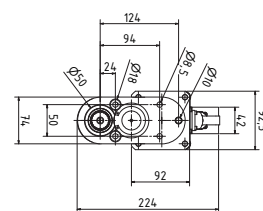
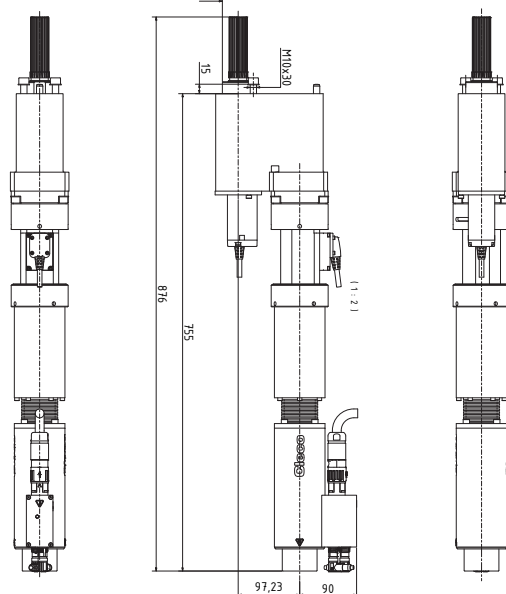
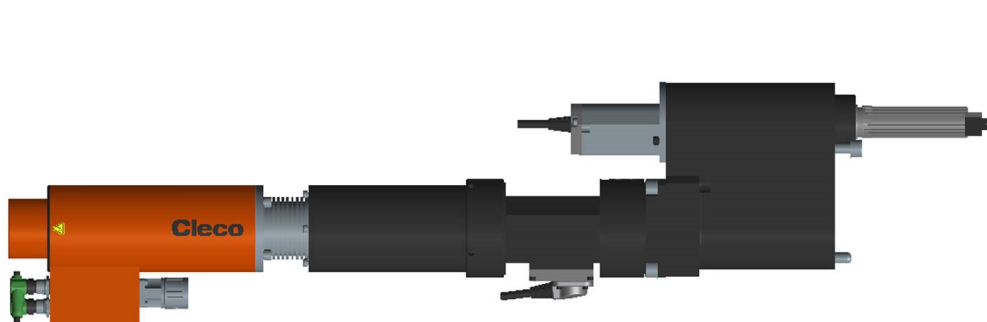
## Highly Productive Modular Assembly System

**System brings unmatched Reliability and Durability to your assembly line**

## FEATURES

## Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

## TYPE

4BD-4B660A-4K3D-4VK4D

### TORQUE RANGE (Nm)

Min / Max: 75 - 750

**IDLE SPEED (1/min)**

143

**Float (mm)**

50

## FLOATING ADAPTER

912147

## FLOATING ADAPTER WITH FLANGE HOUSING

S308474

## WEIGHT & DIMENSIONS

Weight 25.0 kg / 55.13 lb

Length 782 mm / 30.79 in

Side to Center 76 mm / 2.99 in

Country of Origin: Germany





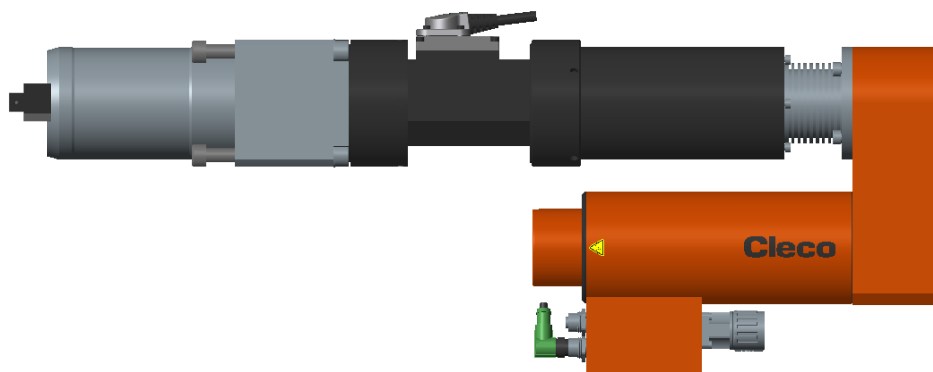
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BDU-4B660A-4K3D-4ZA

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

183

### FLOAT (mm)

50

### FLOATING ADAPTER

916642

### FLOATING ADAPTER WITH FLANGE HOUSING

--

### WEIGHT & DIMENSIONS

Weight 21.5 kg / 47.41 lb  
Length 497 mm / 19.57 in  
Side to Center 91 mm / 3.58 in  
Country of Origin: Germany



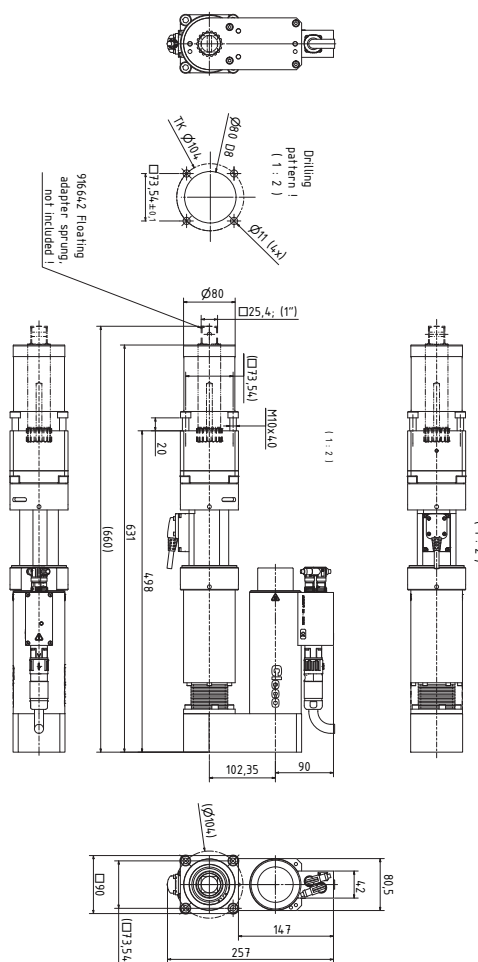
## 4BDU660T1S-A

### STRAIGHT DRIVE, REVERSIBLE GEARS, SINGLE TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



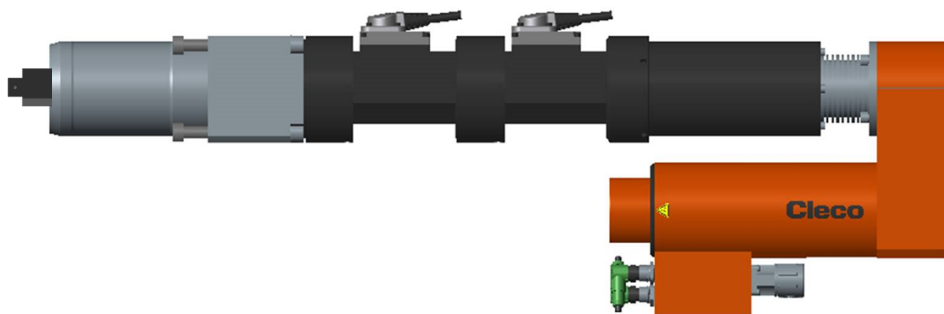
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BDU-4B660A-2/4K3D-4ZA

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

183

### FLOAT (mm)

50

### FLOATING ADAPTER

916642

### FLOATING ADAPTER WITH FLANGE HOUSING

--

### WEIGHT & DIMENSIONS

Weight 24.5 kg / 54.02 lb  
Length 625 mm / 24.61 in  
Side to Center 91 mm / 3.58 in  
Country of Origin: Germany



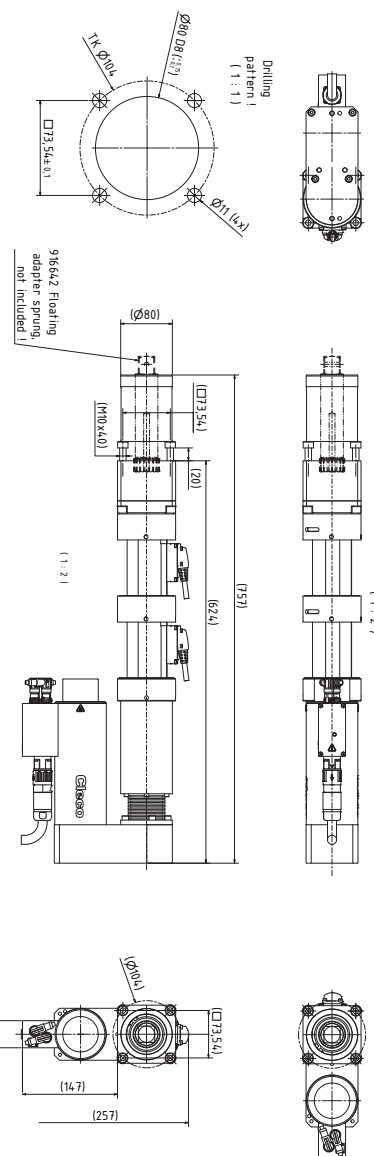
## 4BDU660T2S-A

### STRAIGHT ATTACHMENT, REVERSIBLE GEARS, TWIN TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



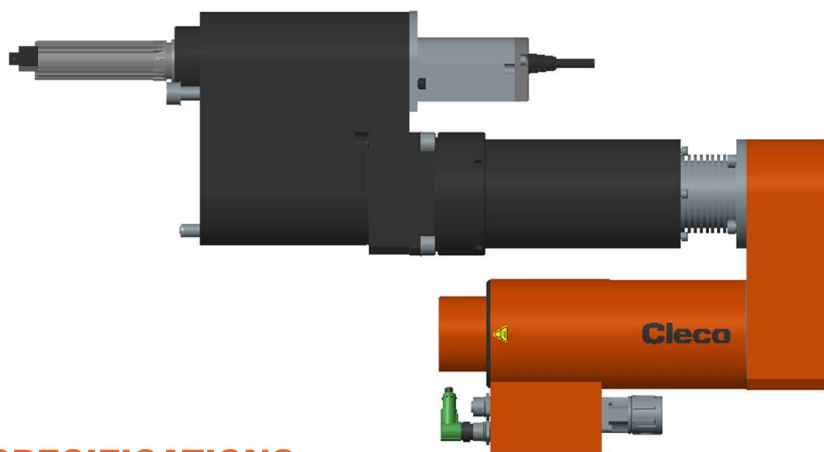
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BDU-4B660A-4VK3D

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

172

### FLOAT (mm)

50

### FLOATING ADAPTER

912147

### FLOATING ADAPTER WITH FLANGE HOUSING

S308474

### WEIGHT & DIMENSIONS

Weight 23.0 kg / 50.72 lb  
Length 463 mm / 18.23 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



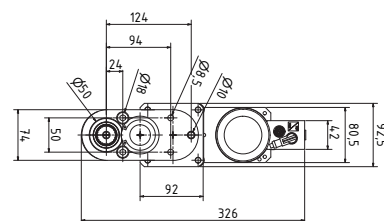
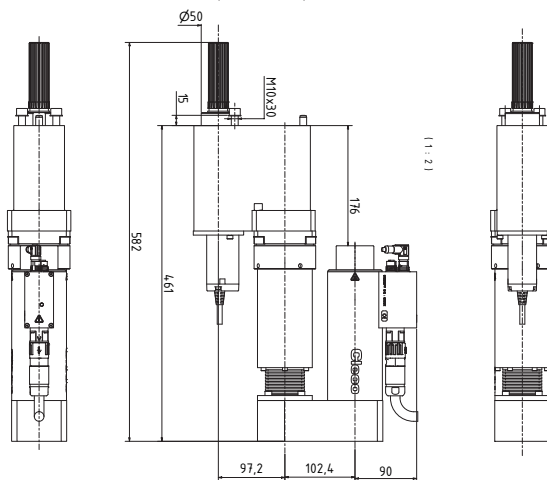
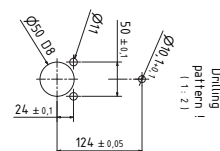
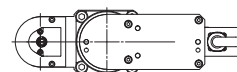
## 4BDU660T10-A

### OFFSET ATTACHMENT, REVERSIBLE GEARS, TWIN TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



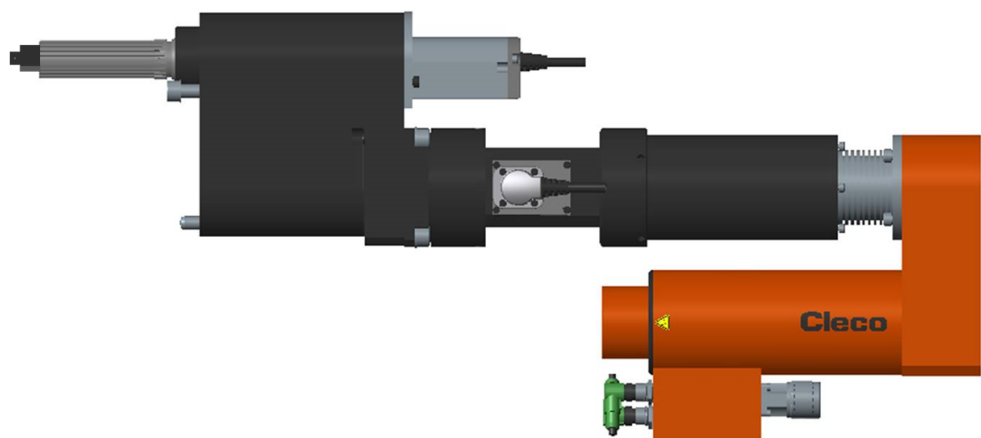
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BDU-4B660A-4K3D-4VK3D

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

172

### FLOAT (mm)

50

### FLOATING ADAPTER

912147

### FLOATING ADAPTER WITH FLANGE HOUSING

S308474

### WEIGHT & DIMENSIONS

Weight 26.0 kg / 57.33 lb  
Length 590 mm / 23.23 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



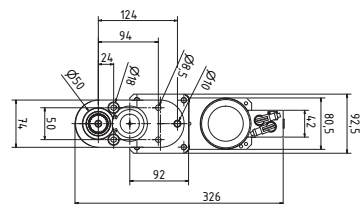
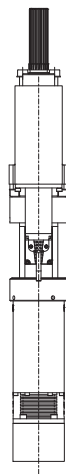
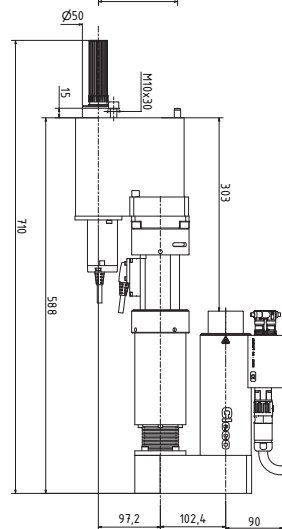
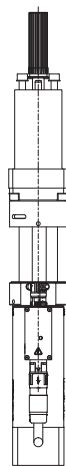
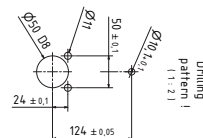
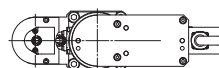
## 4BDU660T20-A

OFFSET DRIVE, REVERSIBLE GEARS,  
SINGLE TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



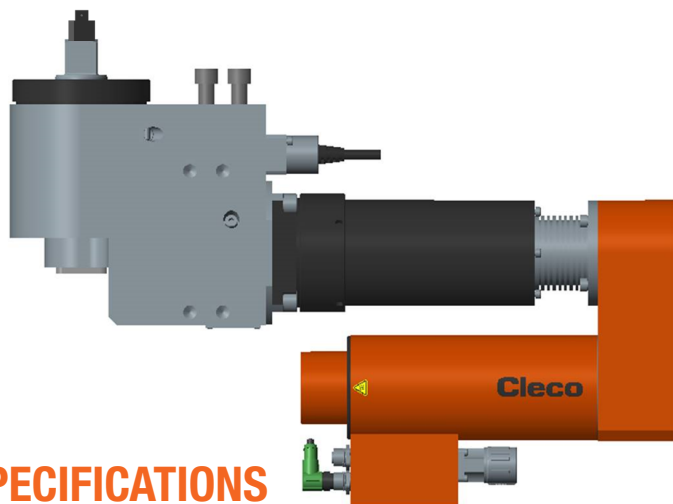
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BDU-4B660A-4WK3D

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

177

### FLOAT (mm)

25

### FLOATING ADAPTER

--

### FLOATING ADAPTER WITH FLANGE HOUSING

929089

### WEIGHT & DIMENSIONS

Weight 27.7 kg / 61.08 lb  
Length 453 mm / 17.83 in  
Side to Center 112 mm / 4.41 in  
Country of Origin: Germany



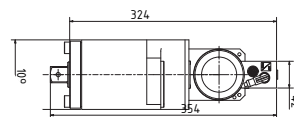
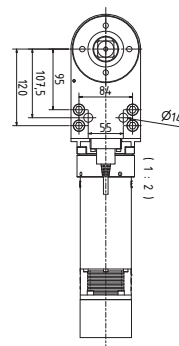
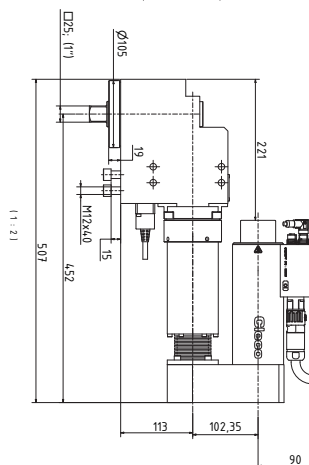
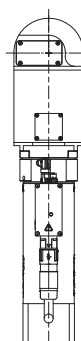
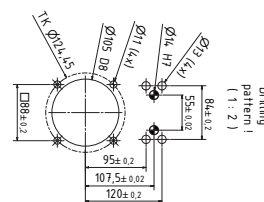
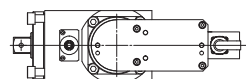
## 4BDU660T1A-A

ANGLE DRIVE, REVERSIBLE GEARS,  
SINGLE TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



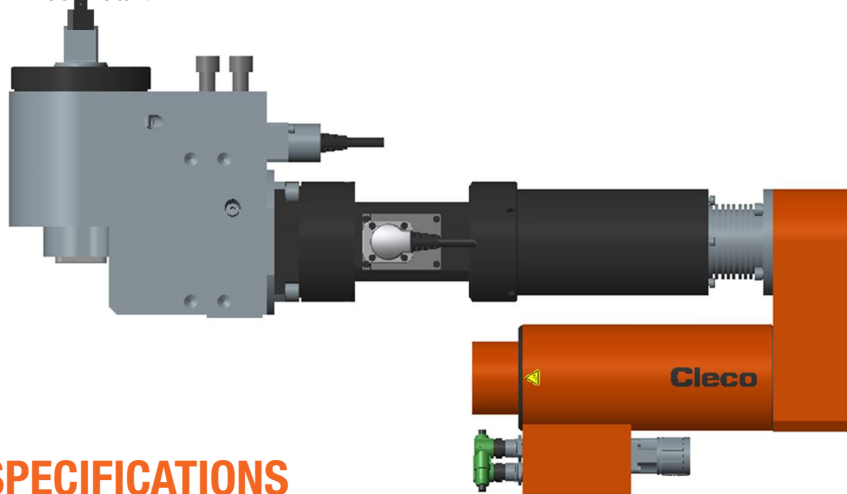
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BDU-4B660A-4K3D-4WK3D

### TORQUE RANGE (Nm)

Min / Max: 66 - 660

### IDLE SPEED (1/min)

177

### FLOAT (mm)

25

### FLOATING ADAPTER

--

### FLOATING ADAPTER WITH FLANGE HOUSING

929089

### WEIGHT & DIMENSIONS

Weight 30.7 kg / 67.69 lb  
Length 580 mm / 22.83 in  
Side to Center 112 mm / 4.41 in  
Country of Origin: Germany



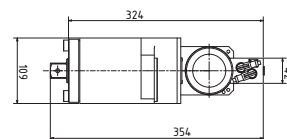
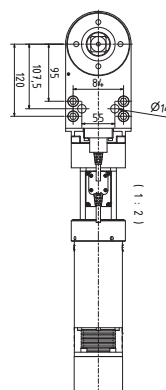
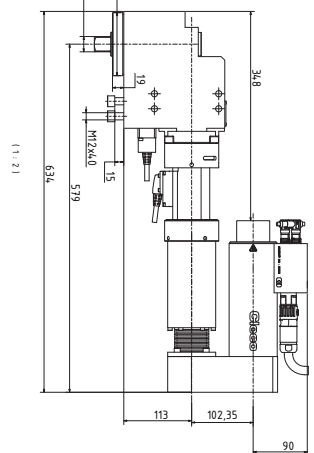
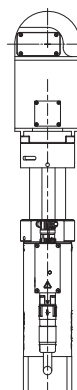
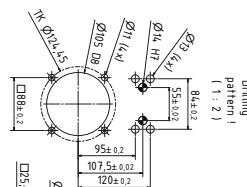
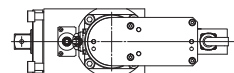
## 4BDU660T2A-A

ANGLE ATTACHMENT, REVERSIBLE GEARS,  
TWIN TRANSDUCER

MODEL: BD

SIZE :4

66 - 660 Nm TORQUE



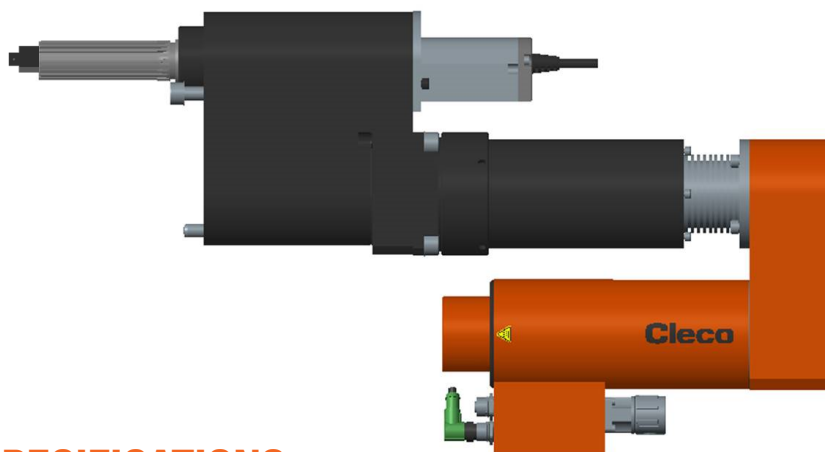
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BDU-4B660A-4VK4D

### TORQUE RANGE (Nm)

Min / Max: 75 - 750

### IDLE SPEED (1/min)

143

### FLOAT (mm)

50

### FLOATING ADAPTER

912147

### FLOATING ADAPTER WITH FLANGE HOUSING

S308474

### WEIGHT & DIMENSIONS

Weight 23.5 kg / 51.82 lb  
Length 463 mm / 18.23 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



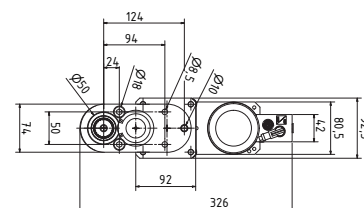
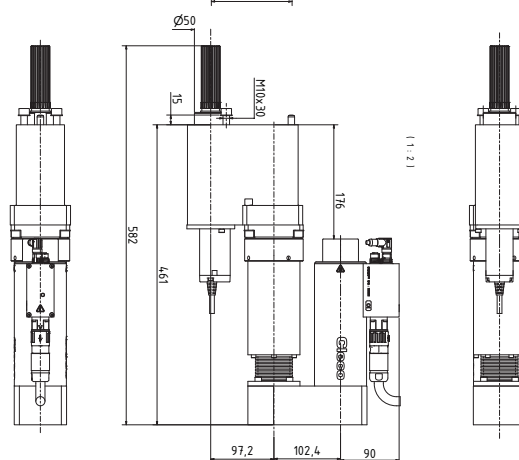
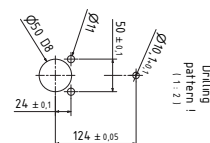
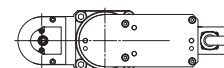
## 4BDU750T10-A

OFFSET DRIVE, REVERSIBLE GEARS,  
SINGLE TRANSDUCER

MODEL: BD

SIZE :4

75 - 750 Nm TORQUE



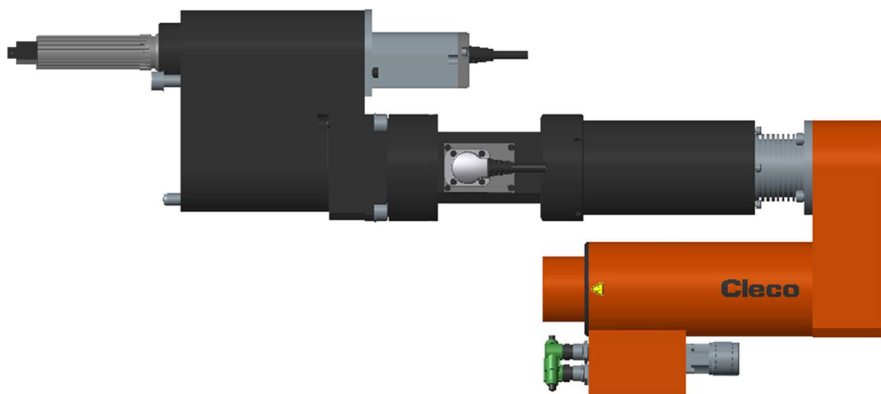
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BDU-4B660A-4K3D-4VK4D

### TORQUE RANGE (Nm)

Min / Max: 75 - 750

### IDLE SPEED (1/min)

143

### FLOAT (mm)

50

### FLOATING ADAPTER

912147

### FLOATING ADAPTER WITH FLANGE HOUSING

S308474

### WEIGHT & DIMENSIONS

Weight 26.5 kg / 58.43 lb  
Length 590 mm / 23.23 in  
Side to Center 76 mm / 2.99 in  
Country of Origin: Germany



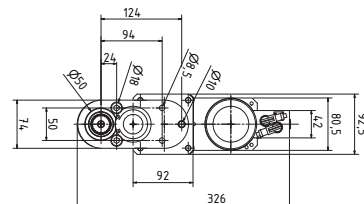
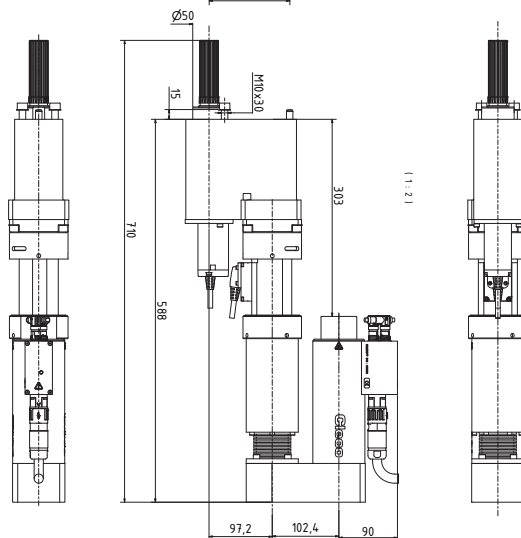
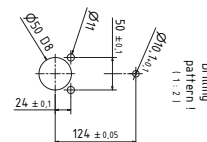
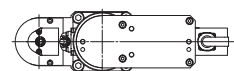
## 4BDU750T20-A

### OFFSET ATTACHMENT, REVERSIBLE GEARS, TWIN TRANSDUCER

MODEL: BD

SIZE :4

75 - 750 Nm TORQUE





# Product Specifications

## Highly Productive Modular Assembly System

**System brings unmatched Reliability and Durability to your assembly line**

## FEATURES

## Spindle Assembly

- **Drive attachments:** Full complement of modular configurations
- **Motors:** New high precision
- **Transducer:** New digital. Available with single or dual units
- **Protection class:** IP54



## SPECIFICATIONS

**TYPE**

4BD-4B360A-4K1D-4Z1250A

**TORQUE RANGE (Nm)**

Min / Max: 320 - 1250

**IDLE SPEED (1/min)**

91

**Float (mm)**

50

## FLOATING ADAPTER

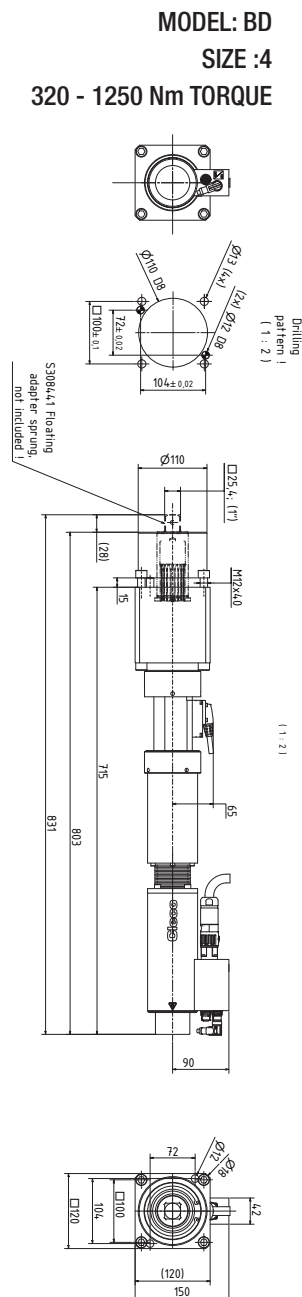
S976956

## FLOATING ADAPTER WITH FLANGE HOUSING

—

## WEIGHT & DIMENSIONS

Weight	28 kg / 61.74 lb
Length	742 mm / 29.21 in
Side to Center	121 mm / 4.76 in
Country of Origin:	Germany



## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BD-4B360A-2/4K1D-4Z1250A

### TORQUE RANGE (Nm)

Min / Max: 320 - 1250

### IDLE SPEED (1/min)

91

### FLOAT (mm)

50

### FLOATING ADAPTER

S976956

### FLOATING ADAPTER WITH FLANGE HOUSING

--

### WEIGHT & DIMENSIONS

Weight 31 kg / 68.36 lb  
 Length 868 mm / 34.17 in  
 Side to Center 121 mm / 4.76 in  
 Country of Origin: Germany

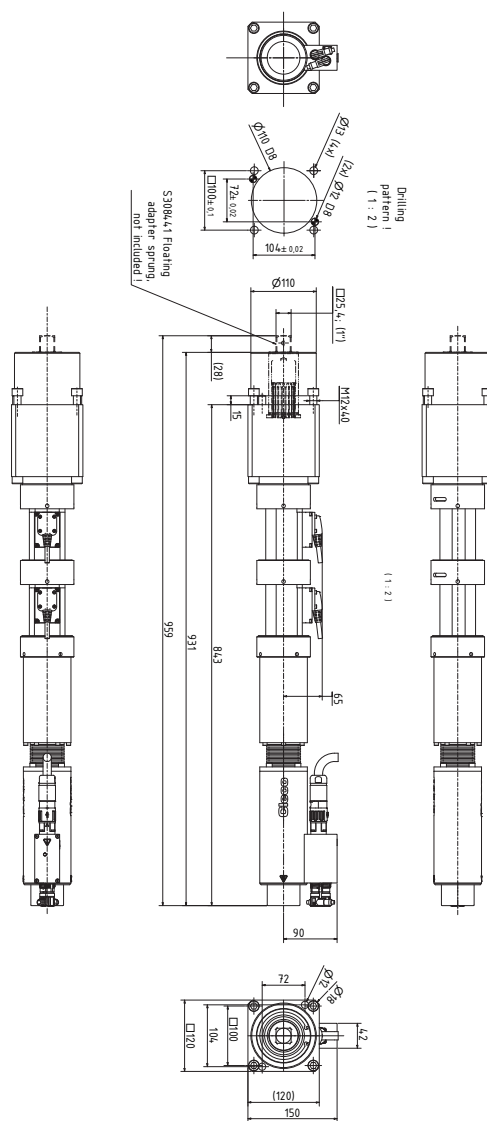


## 4BD1250T2S-A STRAIGHT ATTACHMENT TWIN TRANSDUCER

MODEL: BD

SIZE :4

320 - 1250 Nm TORQUE



# Product Specifications

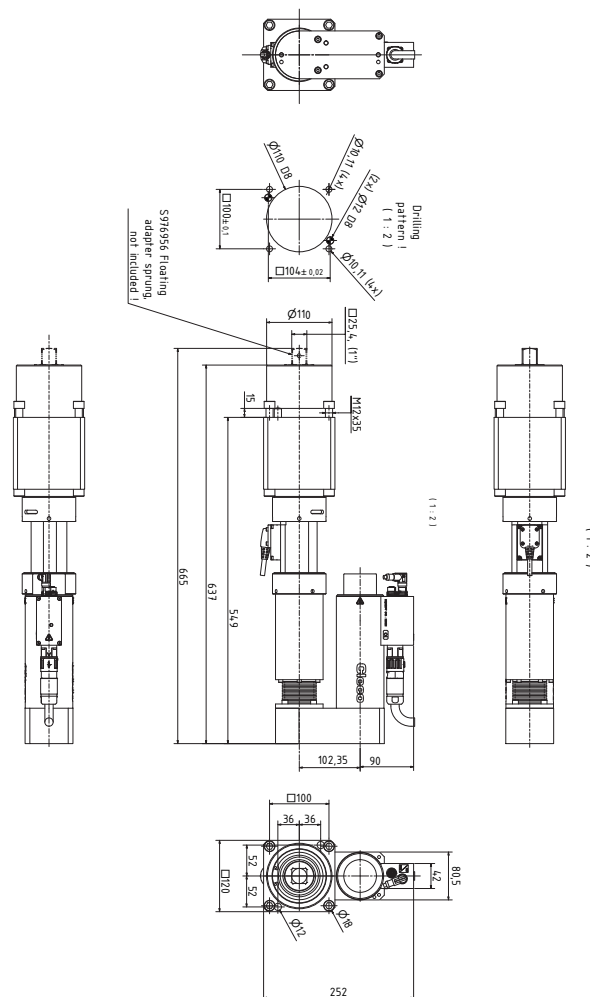
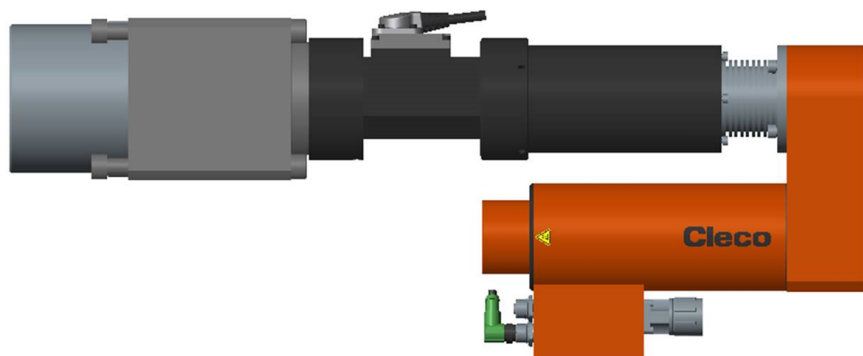
## Highly Productive Modular Assembly System

**System brings unmatched Reliability and Durability to your assembly line**

## FEATURES

## Spindle Assembly

- **Drive attachments:** Full complement of modular configurations
- **Motors:** New high precision
- **Transducer:** New digital. Available with single or dual units
- **Protection class:** IP54



## SPECIFICATIONS

**TYPE**

4BDU-4B360A-4K1D-4Z1250A

**TORQUE RANGE (Nm)**

Min / Max: 320 - 1250

**IDLE SPEED (1/min)**

91

**Float (mm)**

50

## FLOATING ADAPTER

S976956

## FLOATING ADAPTER WITH FLANGE HOUSING

—

## WEIGHT & DIMENSIONS

Weight	30 kg / 66.15 lb
Length	550 mm / 21.65 in
Side to Center	121 mm / 4.76 in
Country of Origin:	Germany



# Product Specifications

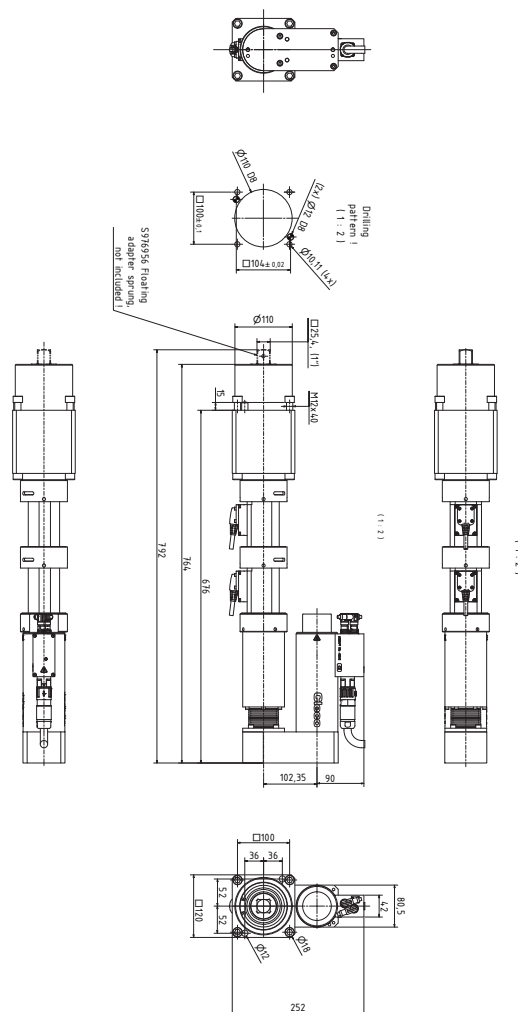
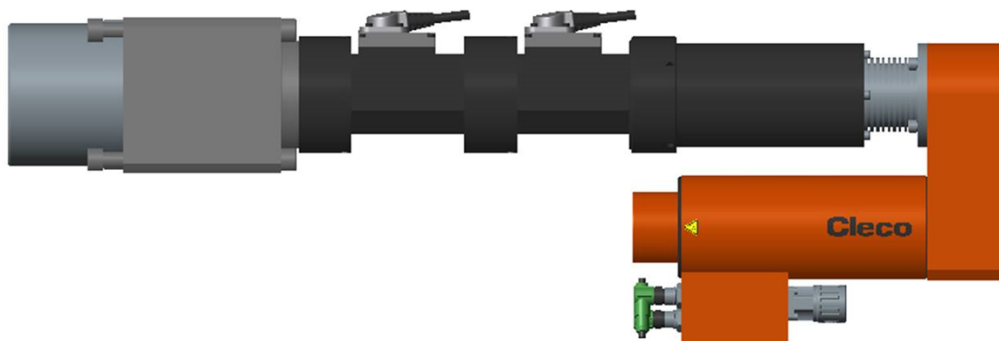
## Highly Productive Modular Assembly System

**System brings unmatched Reliability and Durability to your assembly line**

## FEATURES

## Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

**TYPE**

4BDU-4B360A-2/4K1D-4Z1250A

**TORQUE RANGE (Nm)**

Min / Max: 320 - 1250

**IDLE SPEED (1/min)**

91

**Float (mm)**

50

## FLOATING ADAPTER

S976956

## FLOATING ADAPTER WITH FLANGE HOUSING

—

## WEIGHT & DIMENSIONS

Weight	33 kg / 72.77 lb
Length	677 mm / 26.65 in
Side to Center	121 mm / 4.76 in
Country of Origin:	Germany



## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BD-4B500A-4K2D-4Z1600A

### TORQUE RANGE (Nm)

Min / Max: 400 - 1600

### IDLE SPEED (1/min)

72

### FLOAT (mm)

50

### FLOATING ADAPTER

S308441

### FLOATING ADAPTER WITH FLANGE HOUSING

--

### WEIGHT & DIMENSIONS

Weight 28 kg / 61.74 lb  
 Length 742 mm / 29.21 in  
 Side to Center 121 mm / 4.76 in  
 Country of Origin: Germany



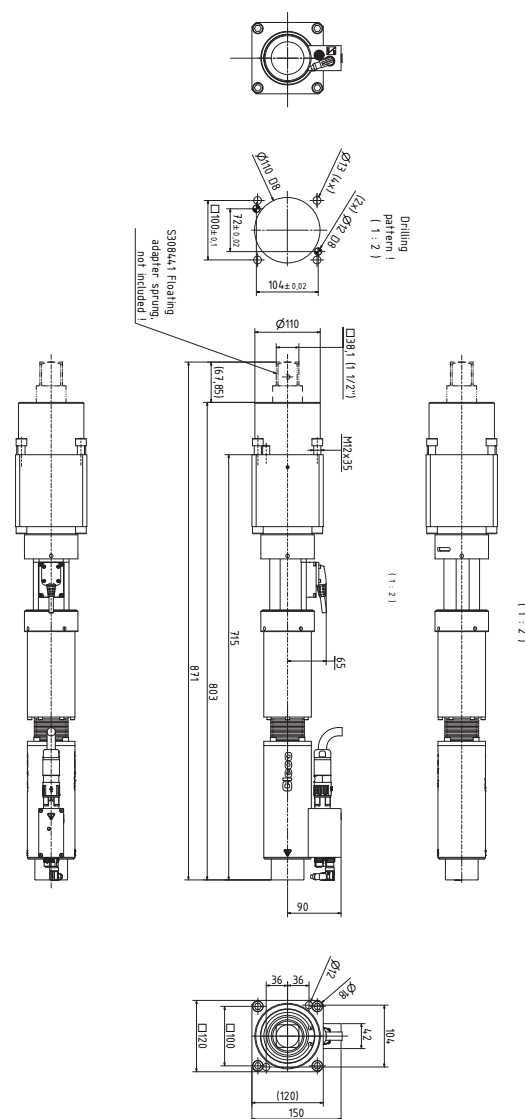
## 4BD1600T1S-A

## STRAIGHT DRIVE SINGLE TRANSDUCER

MODEL: BD

SIZE :4

400 - 1600 Nm TORQUE



# Product Specifications

## Highly Productive Modular Assembly System

**System brings unmatched Reliability and Durability to your assembly line**

## FEATURES

## Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

**TYPE**

4BD-4B500A-2/4K2D-4Z1600A

**TORQUE RANGE (Nm)**

Min / Max: 400 - 1600

**IDLE SPEED (1/min)**

72

**Float (mm)**

50

## FLOATING ADAPTER

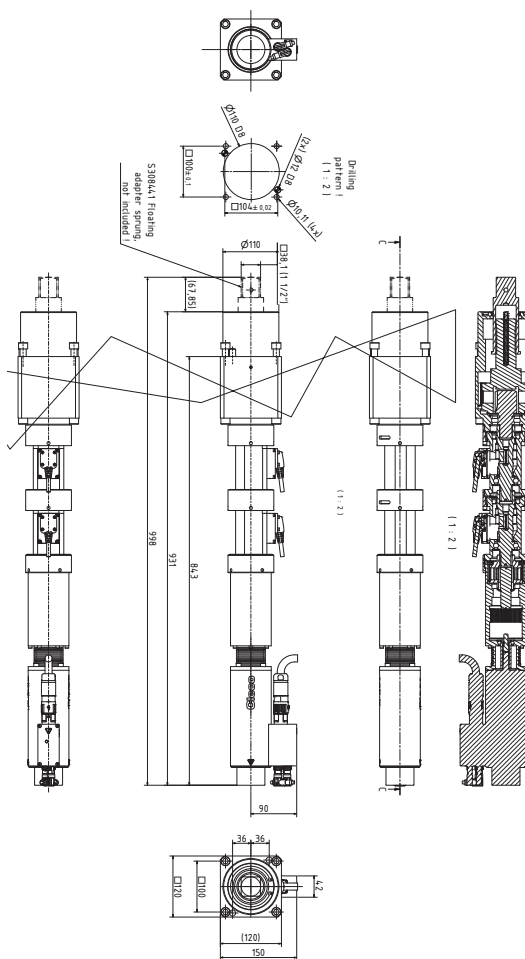
S308441

## FLOATING ADAPTER WITH FLANGE HOUSING

—

## WEIGHT & DIMENSIONS

Weight	31 kg / 68.36 lb
Length	868 mm / 34.17 in
Side to Center	121 mm / 4.76 in
Country of Origin:	Germany



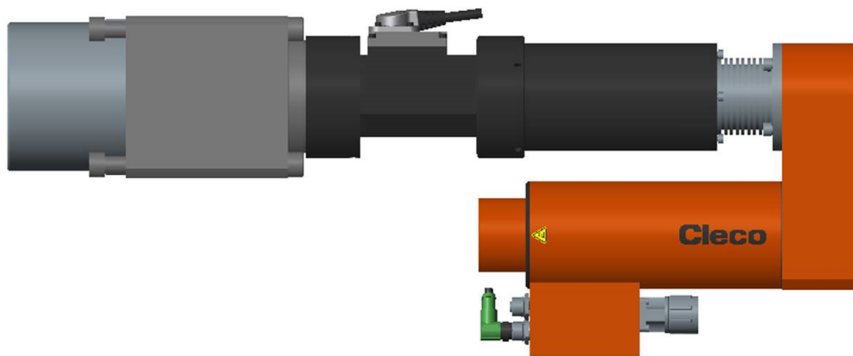
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54



## SPECIFICATIONS

### TYPE

4BDU-4B500A-4K2D-4Z1600A

### TORQUE RANGE (Nm)

Min / Max: 400 - 1600

### IDLE SPEED (1/min)

72

### FLOAT (mm)

50

### FLOATING ADAPTER

S308441

### FLOATING ADAPTER WITH FLANGE HOUSING

--

### WEIGHT & DIMENSIONS

Weight 30 kg / 66.15 lb  
Length 550 mm / 21.65 in  
Side to Center 121 mm / 4.76 in  
Country of Origin: Germany



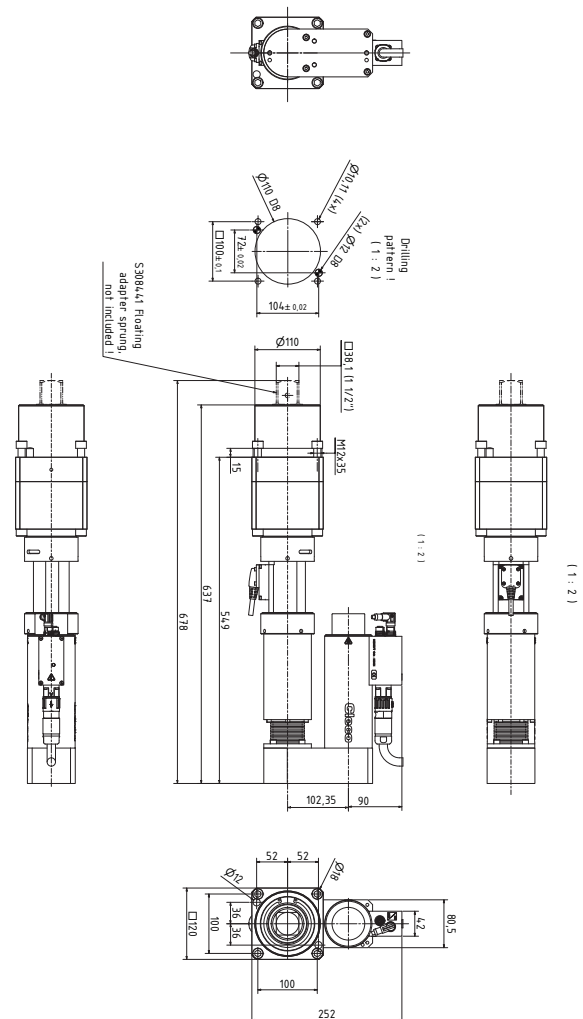
## 4BDU1600T1S-A

## STRAIGHT DRIVE, REVERSIBLE GEARS, SINGLE TRANSDUCER

MODEL: BD

SIZE :4

400 - 1600 Nm TORQUE



# Product Specifications

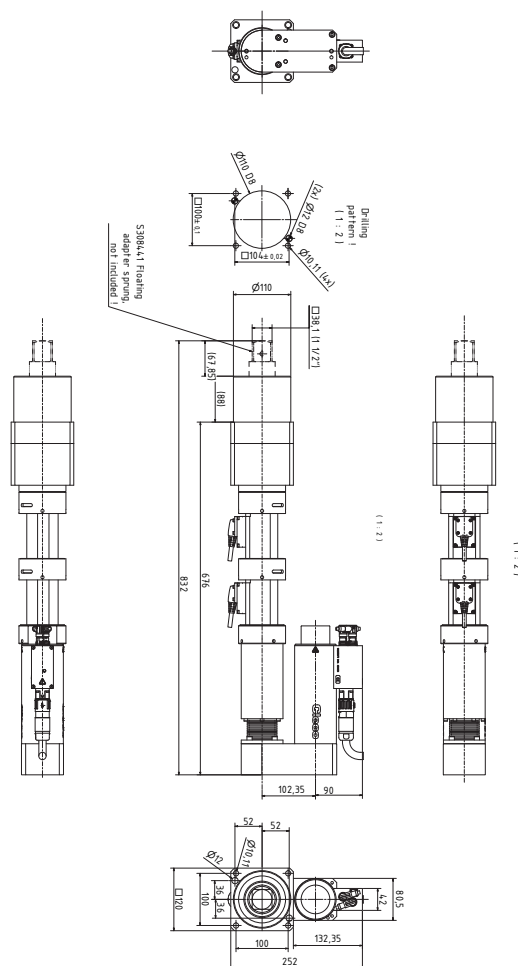
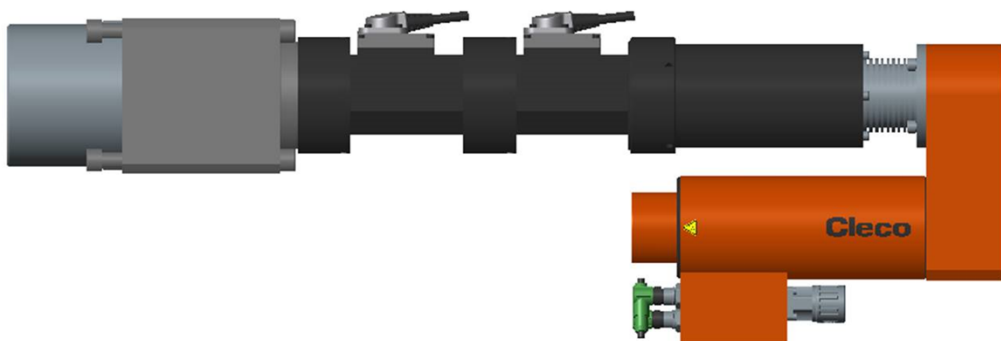
## Highly Productive Modular Assembly System

**System brings unmatched Reliability and Durability to your assembly line**

## FEATURES

## Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

**TYPE**

4BDU-4B500A-2/4K2D-4Z1600A

**TORQUE RANGE (Nm)**

Min / Max: 400 - 1600

**IDLE SPEED (1/min)**

72

**Float (mm)**

50

## FLOATING ADAPTER

S308441

## FLOATING ADAPTER WITH FLANGE HOUSING

—

## WEIGHT & DIMENSIONS

Weight	33 kg / 72.77 lb
Length	677 mm / 26.65 in
Side to Center	121 mm / 4.76 in
Country of Origin:	Germany





## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BD-4B660A-4K3D-4Z2800GF30

### TORQUE RANGE (Nm)

Min / Max: 980 - 2800

### IDLE SPEED (1/min)

39

### FLOAT (mm)

--

### FLOATING ADAPTER

--

### FLOATING ADAPTER WITH FLANGE HOUSING

--

### WEIGHT & DIMENSIONS

Weight 35.5 kg / 78.28 lb  
Length 735 mm / 28.94 in  
Side to Center 160 mm / 6.30 in  
Country of Origin: Germany



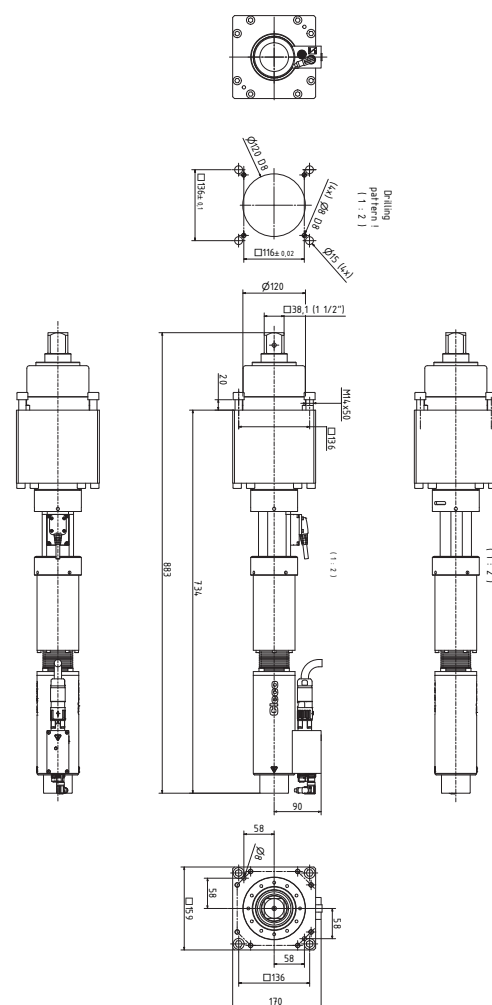
## 4BD2800T1S-A

## STRAIGHT ATTACHMENT TWIN TRANSDUCER

MODEL: BD

SIZE :4

980 - 2800 Nm TORQUE



# Product Specifications

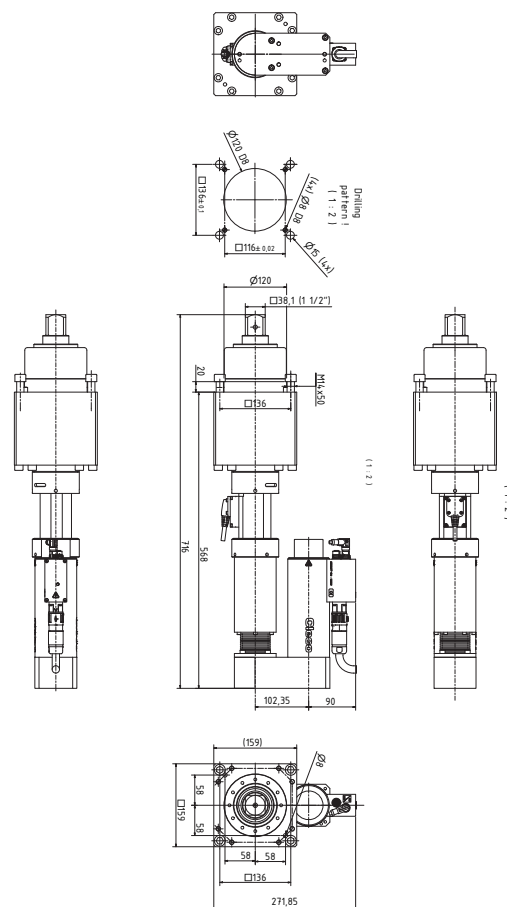
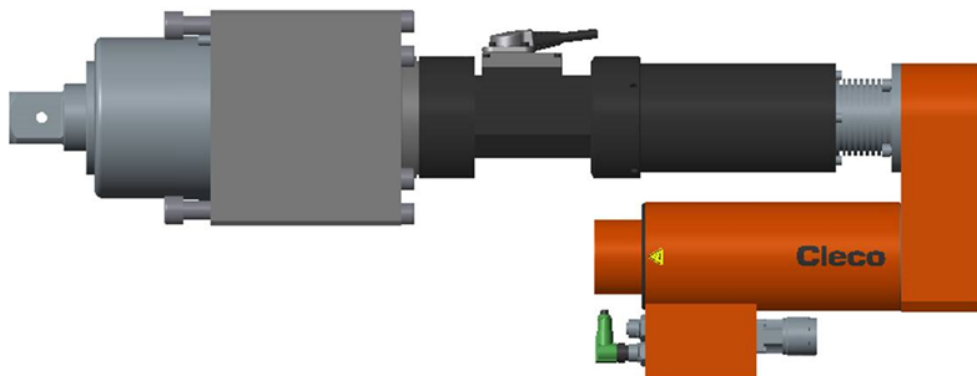
## Highly Productive Modular Assembly System

**System brings unmatched Reliability and Durability to your assembly line**

## FEATURES

## Spindle Assembly

- **Drive attachments:** Full complement of modular configurations
- **Motors:** New high precision
- **Transducer:** New digital. Available with single or dual units
- **Protection class:** IP54



## SPECIFICATIONS

**TYPE**

4BDU-4B660A-4K3D-4Z2800GF30

**TORQUE RANGE (Nm)**

Min / Max: 980 - 2800

**IDLE SPEED (1/min)**

39

**Float (mm)**

--

## FLOATING ADAPTER

—

## FLOATING ADAPTER WITH FLANGE HOUSING

—

## WEIGHT & DIMENSIONS

Weight	37.5 kg / 82.69 lb
Length	568 mm / 22.36 in
Side to Center	160 mm / 6.30 in
Country of Origin:	Germany



## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BD-4B660A-2/4K3D-4Z2800GF30

### TORQUE RANGE (Nm)

Min / Max: 980 - 2800

### IDLE SPEED (1/min)

39

### FLOAT (mm)

--

### FLOATING ADAPTER

--

### FLOATING ADAPTER WITH FLANGE HOUSING

--

### WEIGHT & DIMENSIONS

Weight 38.5 kg / 84.89 lb  
Length 862 mm / 33.94 in  
Side to Center 160 mm / 6.30 in  
Country of Origin: Germany



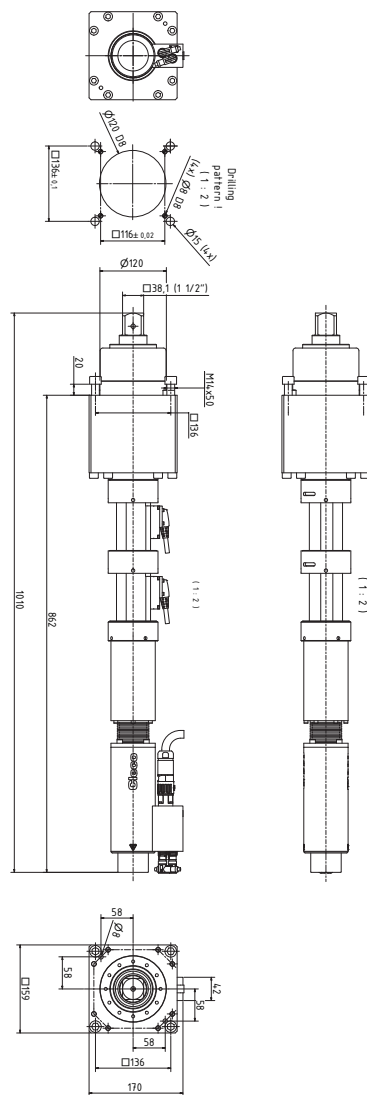
## 4BD2800T2S-A

## STRAIGHT ATTACHMENT TWIN TRANSDUCER

MODEL: BD

SIZE :4

980 - 2800 Nm TORQUE



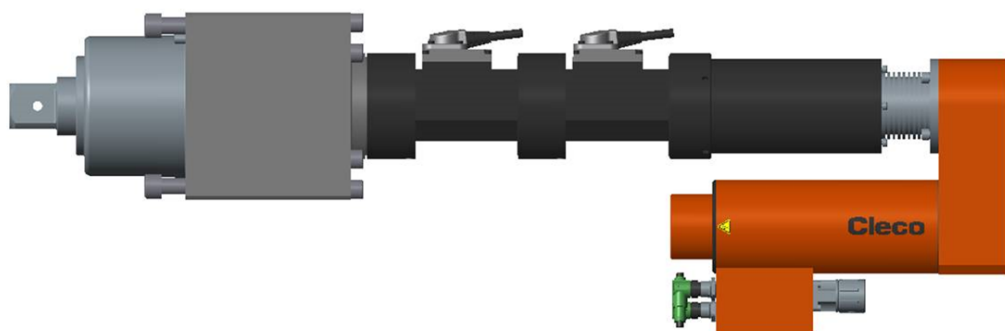
## Highly Productive Modular Assembly System

System brings unmatched Reliability and Durability to your assembly line

## FEATURES

### Spindle Assembly

- Drive attachments: Full complement of modular configurations
- Motors: New high precision
- Transducer: New digital. Available with single or dual units
- Protection class: IP54
- Redundant



## SPECIFICATIONS

### TYPE

4BDU-4B660A-2/4K3D-4Z2800GF30

### TORQUE RANGE (Nm)

Min / Max: 980 - 2800

### IDLE SPEED (1/min)

39

### FLOAT (mm)

--

### FLOATING ADAPTER

--

### FLOATING ADAPTER WITH FLANGE HOUSING

--

### WEIGHT & DIMENSIONS

Weight 40.5 kg / 89.30 lb  
Length 696 mm / 27.40 in  
Side to Center 160 mm / 6.30 in  
Country of Origin: Germany



## 4BDU2800T2S-A

STRAIGHT ATTACHMENT, REVERSIBLE GEARS,  
TWIN TRANSDUCER

MODEL: BD

SIZE :4

980 - 2800 Nm TORQUE

