



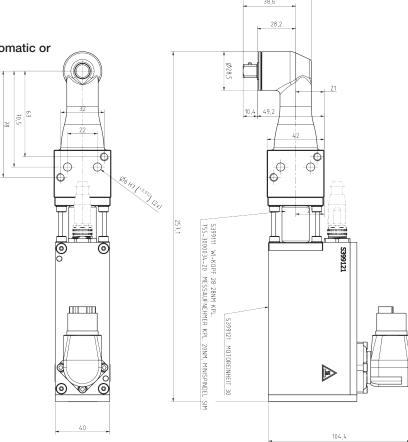
30MAD28P3E CONVENTIONAL FIXTURED SPINDLE

FEATURES

Spindle Assembly

 Compact solution for low-torque applications in automatic or semi-automatic assembly (fixed automation or robots)

- · Built-in mounting provisions for ease of fixturing
- Proven technology
- Lightweight



SPECIFICATIONS

TYPE

MA (Mini-Spindle Angle)

TORQUE RANGE (Nm)

Min / Max: 7 - 28

FREE SPEED (1/min)

495

DOWNFORCE

3/8 in

WEIGHT & DIMENSIONS

Weight 1.7 kg / 3.74 lb Length 257.1 mm / 10.12 in Side to Center 14.25 mm / 0.56 in







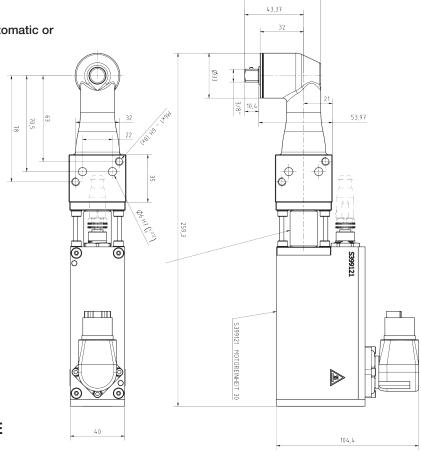
30MAD38P3E CONVENTIONAL FIXTURED SPINDLE

FEATURES

Spindle Assembly

 Compact solution for low-torque applications in automatic or semi-automatic assembly (fixed automation or robots)

- · Built-in mounting provisions for ease of fixturing
- Proven technology
- Lightweight



SPECIFICATIONS

TYPE

MA (Mini-Spindle Angle)

TORQUE RANGE (Nm)

Min / Max: 8 - 38

FREE SPEED (1/min)

495

DOWNFORCE

3/8 in

WEIGHT & DIMENSIONS

 Weight
 1.8 kg / 3.96 lb

 Length
 259.3 mm / 10.21 in

 Side to Center
 16.5 mm / 0.65 in







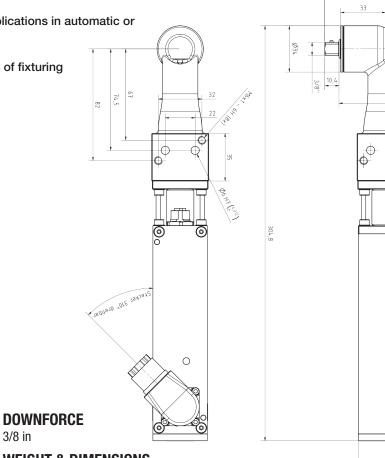
50MAD51P3E CONVENTIONAL FIXTURED SPINDLE

FEATURES

Spindle Assembly

· Compact solution for low-torque applications in automatic or semi-automatic assembly (fixed automation or robots)

- · Built-in mounting provisions for ease of fixturing
- Proven technology
- Lightweight



SPECIFICATIONS

TYPE

MA (Mini-Spindle Angle)

TORQUE RANGE (Nm)

Min / Max: 14 - 51

FREE SPEED (1/min)

920

WEIGHT & DIMENSIONS

3/8 in

Weight 2.2 kg / 4.84 lb Length 304.8 mm / 12 in

Side to Center 17 mm / 0.67 in







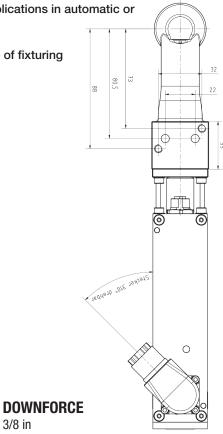
50MAD61P3E CONVENTIONAL FIXTURED SPINDLE

FEATURES

Spindle Assembly

· Compact solution for low-torque applications in automatic or semi-automatic assembly (fixed automation or robots)

- · Built-in mounting provisions for ease of fixturing
- Proven technology
- Lightweight



SPECIFICATIONS

TYPE

MA (Mini-Spindle Angle)

TORQUE RANGE (Nm)

Min / Max: 16 - 61

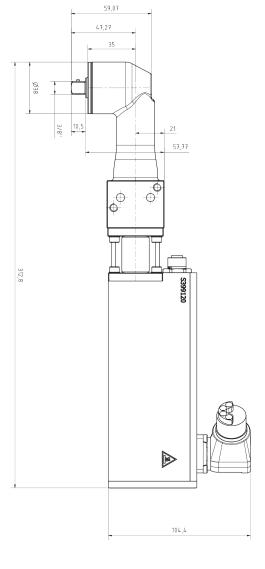
FREE SPEED (1/min)

800

3/8 in

WEIGHT & DIMENSIONS

Weight 2.3 kg / 5.06 lb Length 312.8 mm / 12.31 in Side to Center 19 mm / 0.75 in







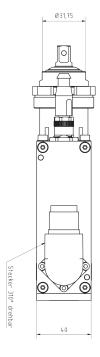


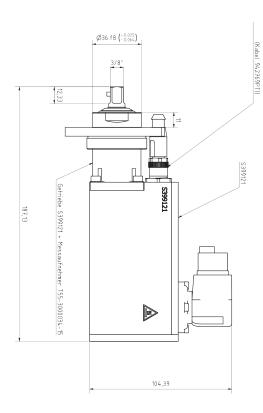
30MSD10D3E CONVENTIONAL FIXTURED SPINDLE

FEATURES

Spindle Assembly

- Compact solution for low-torque applications in automatic or semi-automatic assembly (fixed automation or robots)
- · Built-in mounting provisions for ease of fixturing
- Proven technology
- Lightweight





SPECIFICATIONS

TYPE

MS (Mini-Spindle Straight)

TORQUE RANGE (Nm)

Min / Max: 3 - 10

FREE SPEED (1/min)

1,425

DOWNFORCE

3/8 in

WEIGHT & DIMENSIONS

Weight 1.2 kg / 2.64 lb
Length 187.1 mm / 7.37 in
Side to Center 23 mm / 0.91 in
Country of Origin: Germany





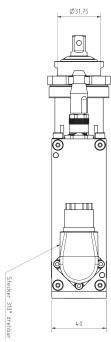


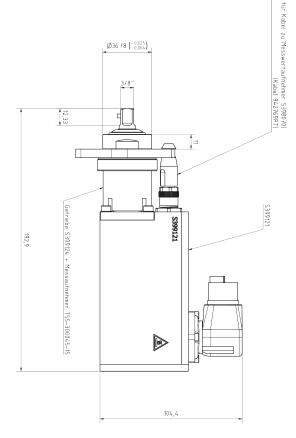
30MSD15D3E CONVENTIONAL FIXTURED SPINDLE

FEATURES

Spindle Assembly

- Compact solution for low-torque applications in automatic or semi-automatic assembly (fixed automation or robots)
- · Built-in mounting provisions for ease of fixturing
- Proven technology
- Lightweight





SPECIFICATIONS

TYPE

MS (Mini-Spindle Straight)

TORQUE RANGE (Nm)

Min / Max: 4 - 15

FREE SPEED (1/min)

1,075

DOWNFORCE

3/8 in

WEIGHT & DIMENSIONS

Weight 1.2 kg / 2.64 lb
Length 192.9 mm / 7.6 in
Side to Center 23 mm / 0.91 in
Country of Origin: Germany







50MSD32D3E CONVENTIONAL FIXTURED SPINDLE

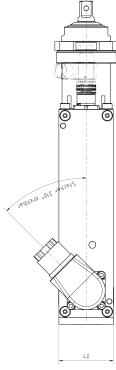
Ø36 f8 (-0,025)

FEATURES

Spindle Assembly

 Compact solution for low-torque applications in automatic or semi-automatic assembly (fixed automation or robots)

- · Built-in mounting provisions for ease of fixturing
- Proven technology
- Lightweight



1. 2u Messwertaufnehmer \$399070 (Kabel 942769PT)) (Kabel 942769PT) (Kabel 942769PT)) (Kabel 942769PT) (Kabel 94276PT) (Kabel 94276PT) (K

SPECIFICATIONS

TYPE

MS (Mini-Spindle Straight)

TORQUE RANGE (Nm)

Min / Max: 9 - 32

FREE SPEED (1/min)

770

DOWNFORCE

3/8 in

WEIGHT & DIMENSIONS

Weight 1.6 kg / 3.52 lb
Length 237.7 mm / 9.36 in
Side to Center 23 mm / 0.91 in
Country of Origin: Germany

CE EK