

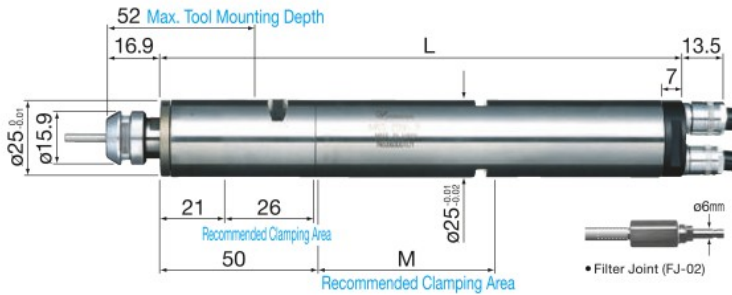
▶ “Air-Speed” MOTOR SPINDLE

Air Motor Spindle

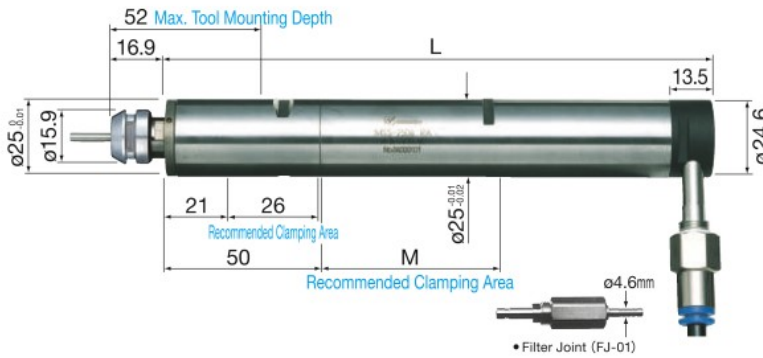
MSS-25 Series

	O.D.	Collet	Spindle Accuracy	Max. Power	Air Consumption
	ø25mm	ø0.5~ø6.35mm (CHK Group)	Within 2 µm	130W	205Nℓ/min (R) 170Nℓ/min (RA)

▼ MSS-25 Series STRAIGHT TYPE (R)



▼ MSS-25 Series 90° ANGLE TYPE (RA)



< Specifications >

Motor Hose (Diameter / Length)

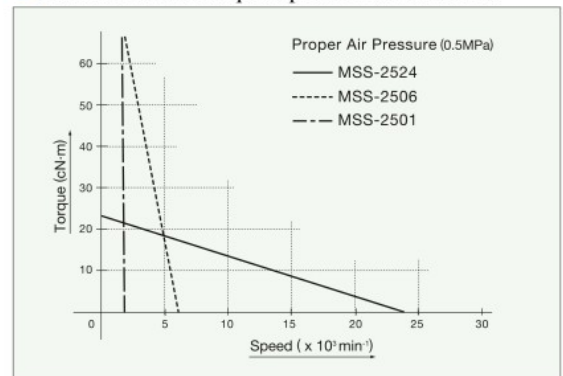
R-Type Air Inlet : ø6.7mm (O.D.) x 2m

Exhaust Air : ø7.5mm (O.D.) x 1m

RA-Type Air Inlet : ø6.0mm (O.D.) x 2m

Exhaust Air : ø8.0mm (O.D.) x 1m

● MSS-25 Series Torque-Speed Characteristics



Two recommended clamp areas are laser-marked on the spindle. Select one of them for clamping, and do not clamp both areas.

R 24,000min⁻¹ (0.5MPa) / RA 22,000min⁻¹ (0.5MPa)

Code No.	Model	Shape	Max. Torque	Weight	L	M
7841	MSS-2524R	Straight	22.5cN·m	395g	131.3mm	25mm
7842	MSS-2524RA	90° Angle		436g	137.8mm	25mm

[MSS-2524R DXF-data](#)

[MSS-2524RA DXF-data](#)

R 6,000min⁻¹ (0.5MPa) / RA 5,500min⁻¹ (0.5MPa) 1/4 Speed Reduction

Code No.	Model	Shape	Max. Torque	Weight	L	M
7843	MSS-2506R	Straight	85cN·m	485g	164.1mm	58mm
7844	MSS-2506RA	90° Angle		526g	170.6mm	58mm

[MSS-2506R DXF-data](#)

[MSS-2506RA DXF-data](#)

R 1,500min⁻¹ (0.5MPa) / RA 1,400min⁻¹ (0.5MPa) 1/16 Speed Reduction

Code No.	Model	Shape	Max. Torque	Weight	L	M
7845	MSS-2501R	Straight	332cN·m	475g	168.5mm	62mm
7846	MSS-2501RA	90° Angle		516g	175.0mm	62mm

[MSS-2501R DXF-data](#)

[MSS-2501RA DXF-data](#)

< Standard Accessories >

- Collet Nut (K-265) • Wrench (12 x 14) : 2pcs.
- Hose (K-204) (R-type) : 1pc.
- Hose (K-215) (RA-type) : 1pc.
- Hose (K-256) (RA-type) : 1pc.
- Filter Joint (FJ-02) (R-type) • Filter Joint (FJ-01) (RA-type)
- Silencer (K-208)

< Options >

- Collet (CHK Group) : ø0.5~ø6.35mm [See Page 30 for details](#)
- Metal Saw Arbor (KCH-03) : ød (I.D.) x under ø30mm (O.D.)
- Grindstone Arbor (AGM-03) : Grindstone I.D. ø5.0mm

※ Refer to Page p.4 for mounting instructions for the 90° Angle Type.

※ Outside diameter ø25.4 mm type are also available.

※ Collet is sold separately.