



TAKUMI
GearBox

www.takumigearbox.com

TAKUMI GEARBOX ADVANTAGES



High Precision



Long-Lasting
Durability



Maintenance-Free



24/7
Technical Support



Cost-Effective
Solutions

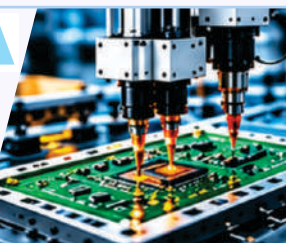


Fastest Delivery

OUR SEGMENTS

ELECTRONICS

- ▶ Automation
- ▶ Robotics
- ▶ Machinery & Tools
- ▶ Mobile Manufacturing
- ▶ Food & Pharma



MEDICAL

- ▶ Medical Devices
- ▶ Hospital Equipment
- ▶ Laboratory Equipment
- ▶ Healthcare Automation



INDUSTRIAL

- ▶ Packaging
- ▶ Textile & Printing
- ▶ Plastic & Rubber
- ▶ Wood & Furniture
- ▶ General Industry



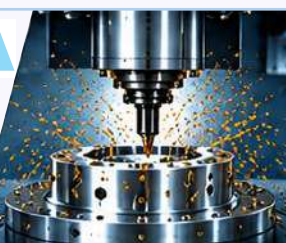
AUTOMOTIVE & AUTOMATION

- ▶ Automotive
- ▶ Manufacturing of EV
- ▶ Assembly Lines
- ▶ Material Handling
- ▶ Smart Manufacturing



MACHINE TOOLS

- ▶ CNC / Lathe
- ▶ Milling Machines
- ▶ Drilling Machines
- ▶ Industrial Machinery



MATERIAL HANDLING

- ▶ Conveyors
- ▶ Palletizers & Stacker
- ▶ Forklifts
- ▶ AGV



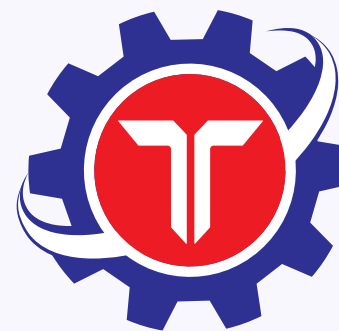
CONSUMER

- ▶ Home Appliance
- ▶ Architecture
- ▶ Infrastructure



AEROSPACE

- ▶ Aircraft
- ▶ Defense
- ▶ Space Equipment



TAKUMI
GearBox

(Formerly known as SMD Gearbox Pvt. Ltd.)

HEAD OFFICE

TAKUMI Gearbox Pvt. Ltd.



Kaikan Tower Plot No. A - 42, 43, 44, H Block,
MIDC Pimpri, Pune, Maharashtra, India - 411018.



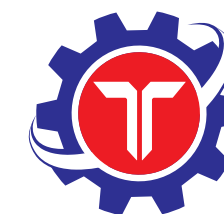
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TAKUMI GEARBOX

HIGH PRECISION SERVO GEARBOX



Planetary Gearbox

SPE Series Helical Planetary

- ▶ Nominal Output Torque: 20Nm to 2200Nm
- ▶ Accuracy: 1 - 8 Arc-Min
- ▶ Available reduction ratios: 1:3 to 1:100
- ▶ Models: SPE – 42, 60, 90, 115, 140, 180, 220



SPRE Series Helical Planetary Round Frame

- ▶ Nominal Output Torque: 20Nm to 2000Nm
- ▶ Accuracy: 1 - 8 Arc-Min
- ▶ Available reduction ratios: 1:3 to 1:100
- ▶ Models: SPRE – 42, 70, 120, 155, 205, 235



SPE-S / SPRE-S Series Spur Planetary Square & Round Frame

- ▶ Nominal Output Torque: 18Nm to 550Nm
- ▶ Accuracy: 10 - 12 Arc-Min
- ▶ Available reduction ratios: 1:3 to 1:100
- ▶ Models: 42, 60, 90, 115, 140, 180, 220



SPFE Series Helical Planetary Flange Output

- ▶ Nominal Torque Capacity: 17Nm to 2200Nm
- ▶ Accuracy: 1 - 12 Arc-Min
- ▶ Available reduction ratios: 1:3 to 1:100
- ▶ Models: SPFE – 40, 64, 90, 110, 140, 200, 255



Right Angle Gearbox

SRAS (Shaft) / SRAH (Hollow) / SRAC (Collar) Series

- ▶ Nominal Torque Capacity: 44Nm to 1390Nm
- ▶ Accuracy: 3 - 15 Arc-Min
- ▶ Available Reduction Ratio: 1:3 to 1:200
- ▶ Models: SRA – 65, 90, 110, 140, 170, 210



SRAE Series - L Type

- ▶ Nominal Torque Capacity: 44Nm to 1390Nm
- ▶ Accuracy: 3 - 10 Arc-Min
- ▶ Available Reduction Ratio: 1:1 to 1:200
- ▶ Models: SRAE – 40, 60, 90, 120, 150, 220



SS-F / SS-SF Series

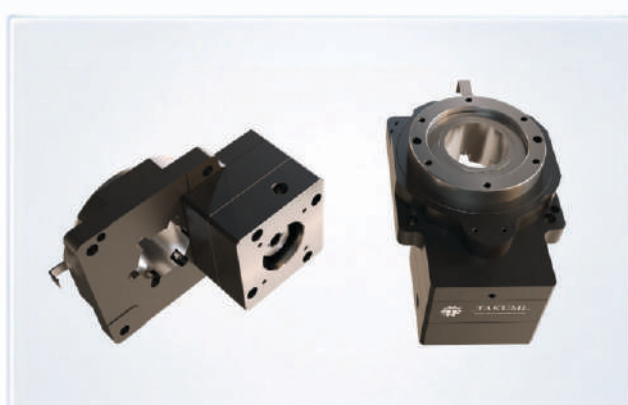
- ▶ Nominal Torque Capacity: 13.7Nm to 793Nm
- ▶ Accuracy: 3 - 5 Arc-Min
- ▶ Available Reduction Ratio: 1:1 & 1:2
- ▶ Models: SS – 40, 60, 70, 90, 120, 150, 220



Hollow Rotary Gearbox

ST/STE Series

- ▶ Accuracy: 0.3 Arc-Min
- ▶ Torque Capacity: 3Nm to 400Nm
- ▶ Available Reduction Ratios: 1:5, 1:10, 1:18
- ▶ Models: STE – 60, 85, 130, 200, 280, 350, 450



Harmonic Gearbox

SCSG Series - Cup Type

- ▶ Nominal Torque Capacity: 3.5Nm to 500Nm
- ▶ Accuracy: Less than 20 Arc-Sec
- ▶ Reduction Ratio Available: 1:50, 1:80, 1:100, 1:120, 1:160
- ▶ Models: SCSG – 14, 17, 20, 25, 32, 40, 45



SSHG Series - Hat Type

- ▶ Nominal Torque Capacity: 3.5 Nm to 500 Nm.
- ▶ Accuracy: Less than 20 Arc-Sec
- ▶ Reduction Ratio Available: 1:50, 1:80, 1:100, 1:120, 1:160.
- ▶ Models: SSHG – 14, 17, 20, 25, 32, 40, 45.



Cycloidal Gearbox

SRV Series

- ▶ Nominal Torque Capacity: 72 Nm to 6000Nm
- ▶ Accuracy: ≤1 Arc-Min
- ▶ Models Sizes - SRV20E, 40E, 80E, 110E, 160E, 320E, 450E
- ▶ Available Reduction Ratio: 1:83 to 1:301 for case run



AGV Wheel

SWT Series

- ▶ Nominal wheel torque: 63Nm to 320Nm
- ▶ Load capacity: up to 1200 kg
- ▶ Wheel diameter ranging from: 150 mm to 250 mm
- ▶ Reduction Ratio Available: 1:2 to 1:40
- ▶ Suitable Motor: 400 watts to 1500 watts
- ▶ Models SWT: 118, 138, 160 & 190

