

New



BSR - Rotating nut ballscrews

- High Rigidity and Compact Design
- Easy installation
- Long stroke Travel and High Speed feed
- Multi-drive
- Low inertia
- Smooth operation
- Reduce vibration and noise
- New Patent



BSR - Rotating nut ballscrews

- **High Rigidity and Compact Design.** Nut, support bearing and bearing balls conform one single unit.
- **Easy installation.** Fixing the support bearing to the machine table.
- **Long stroke Travel and High Speed feed.** Critical speed is independent to the screw length. High lead ballscrew allow travel with lower RPM of the nut.
- **Multi-drive.** Possibility to mount different movements in the same screw.
- **Low inertia.** As the screw is fixed, the Rotating Nut Ballscrew is free from screw inertia effects.
- **Smooth operation.** Rotating Nut Ballscrew performs linear motion smoother than rack and pinion system.
- **Reduce vibration and noise.** Optional with a hollow screw.
- **New Patent.** Adjustable preloading system.

| Type | Diam. | Lead | Ball Diam. | Circ. | Dpw | d2 | Co(N) | Ca(N) | Nut dimensions | | | | | | | | | | | | | |
|------------|-------|------|------------|-------|------|----|--------|-------|----------------|-----|-----|-----|------|-----|------|------|-----|-----|------|----|------|------|
| | | | | | | | | | Dg6 | D2 | D3 | D4 | D5g6 | D6 | D1 | D7x6 | L1 | L2 | L3 | B | G | H |
| BSR-2525-S | 25 | 25 | 3,5 | 2 | 26 | 23 | 23222 | 9362 | 48 | 69 | 93 | 110 | 75 | 59 | 11 | M5 | 80 | 66 | 9,5 | 12 | M6 | 16,5 |
| BSR-2525-H | | | | 4 | | | 46445 | 16992 | | | | | | | | | | | | | | |
| BSR-3232-S | 32 | 32 | 3,969 | 2 | 33,3 | 29 | 33937 | 12450 | 58 | 80 | 108 | 125 | 90 | 70 | 11 | M6 | 101 | 82 | 13 | 14 | M6 | 18 |
| BSR-3232-H | | | | 4 | | | 67874 | 22598 | | | | | | | | | | | | | | |
| BSR-4040-S | 40 | 40 | 6,35 | 2 | 40,1 | 34 | 62338 | 24661 | 72 | 110 | 125 | 145 | 105 | 93 | 13,5 | M8 | 120 | 93 | 13,5 | 16 | M8X1 | 20 |
| BSR-4040-H | | | | 4 | | | 124677 | 44761 | | | | | | | | | | | | | | |
| BSR-5050-S | 50 | 50 | 7,144 | 2 | 50 | 43 | 92032 | 33143 | 88 | 115 | 145 | 165 | 125 | 100 | 13,5 | M10 | 139 | 112 | 16,5 | 21 | M8X1 | 23 |
| BSR-5050-H | | | | 4 | | | 184063 | 60155 | | | | | | | | | | | | | | |

Standard thread: Right hand. Left hand on request.

S: Standard type.

H: Heavy Duty type.

