



#### Technical Requirements:

1. Please use the grease specified by our company (LF-2 or F-3).
2. The \* in the drawing is the installation reference size, please follow the installation size requirements.
3. For details of size, please confirm with the delivery specification drawings.

| LSS-20-XX-U-II       |       |                      |         | Model | Reduction ratio | Rated torque at 2000r/min input |      | Permissible peak torque at start and stop |      | Permissible maximum value for average load |      | Permissible maximum momentary torque |      | Permissible maximum input rotational speed (Grease) | Permissible average input rotational speed (Grease) | Backlash | weight      | Desian life |
|----------------------|-------|----------------------|---------|-------|-----------------|---------------------------------|------|---|------|--|------|--------------------------------------|------|---|---|----------|-------------|-------------|
| MODEL                | U     | T                    | W       |       |                 | Nm                              | kgfm | Nm  | kgfm | Nm   | kgfm | Nm                                   | kgfm | r/min   | r/min   | Arc Sec  | kg          | Hour        |
| Wave generator-A φ8  | φ8H7  | 9.4 <sup>+0.1</sup>  | 3JS9/P9 | 20    | 50              | 25                              | 2.5  | 56  | 5.7  | 34   | 3.5  | 98                                   | 10   | 6500  | 3500  | ≤20      | LSS-II:0.96 | 10000       |
|                      |       |                      |         |       | 80              | 34                              | 3.5  | 74  | 7.5  | 47   | 4.8  | 127                                  | 13   |   |   |          |             | 15000       |
| Wave generator-A φ11 | φ11H7 | 12.8 <sup>+0.1</sup> | 4JS9/P9 |       | 100             | 40                              | 4.1  | 82  | 8.4  | 49   | 5.0  | 147                                  | 15   |   |   |          |             | 15000       |
|                      |       |                      |         |       | 120             | 40                              | 4.1  | 87  | 8.9  | 49   | 5.0  | 147                                  | 15   |   |   |          |             | 15000       |
| Wave generator-A φ14 | φ14H7 | 16.3 <sup>+0.1</sup> | 5JS9/P9 |       | 160             | 40                              | 4.1  | 92  | 9.4  | 49   | 5.0  | 147                                  | 15   |   |   |          |             | 15000       |