



# DC Gear Motor

## LS-N20AGB

### Application:

Robot, Toys, Automatic door-lock, Camera, Monitor



## Electrical Specification

| Model            | Ratio  | Voltage (v) | No Load       |              | At Maximum Efficiency |              |               |            | Stall         |              |
|------------------|--------|-------------|---------------|--------------|-----------------------|--------------|---------------|------------|---------------|--------------|
|                  |        |             | Speed (r/min) | Current (mA) | Speed (r/min)         | Current (mA) | Torque (g·cm) | Output (w) | Torque (g·cm) | Current (mA) |
| N20AGB1000-07280 | 1/1000 | 5           | 10            | 40           | 9                     | 65           | 600           | 0.30       | 3600          | 380          |
| N20AGB1000-09168 | 1/1000 | 6           | 21            | 60           | 19                    | 130          | 1000          | 0.35       | 5500          | 820          |
| N20AGB380-06350  | 1/380  | 5           | 21            | 20           | 17                    | 60           | 400           | 0.15       | 1100          | 180          |
| N20AGB298-08230  | 1/298  | 3           | 26            | 25           | 22                    | 60           | 200           | 0.17       | 1000          | 260          |
| N20AGB298-09195  | 1/298  | 6           | 52            | 40           | 45                    | 120          | 400           | 0.20       | 1800          | 520          |
| N20AGB298-09168  | 1/298  | 6           | 72            | 50           | 62                    | 140          | 480           | 0.25       | 2400          | 820          |
| N20AGB298-11115  | 1/298  | 6           | 100           | 80           | 85                    | 250          | 600           | 0.30       | 3500          | 1650         |
| N20AGB100-09168  | 1/100  | 3           | 100           | 50           | 80                    | 180          | 180           | 0.15       | 600           | 450          |
| N20AGB150-08195  | 1/150  | 6           | 120           | 45           | 100                   | 120          | 200           | 0.18       | 1200          | 580          |
| N20AGB100-08230  | 1/100  | 12          | 300           | 50           | 150                   | 180          | 350           | 0.35       | 1800          | 950          |
| N20AGB50-09168   | 1/50   | 6           | 420           | 70           | 320                   | 230          | 160           | 0.20       | 800           | 900          |
| N20AGB50-08230   | 1/50   | 12          | 580           | 50           | 440                   | 230          | 250           | 0.27       | 1300          | 950          |
| N20AGB30-09168   | 1/30   | 7           | 830           | 70           | 650                   | 250          | 100           | 0.15       | 500           | 950          |
| N20AGB20-09168   | 1/20   | 7           | 1250          | 70           | 1000                  | 210          | 60            | 0.18       | 300           | 950          |
| N20AGB20-06350   | 1/20   | 12          | 1000          | 35           | 840                   | 100          | 50            | 0.20       | 250           | 400          |

\* Note: It's only typical technical data, special requirement can be customized.

|                       |     |    |    |    |    |     |     |     |     |     |     |     |      |
|-----------------------|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|------|
| Reduction Ratio       | 10  | 20 | 30 | 50 | 63 | 100 | 150 | 210 | 250 | 298 | 340 | 380 | 1000 |
| L                     | 9   |    |    |    |    |     |     |     |     |     |     |     | 12   |
| Direction Of Rotation | CCW |    |    |    |    |     | CW  |     |     |     |     |     |      |

## Mechanical Dimensions

