



- Gear-head Zamac casting
- Gear whit parallel axes Straight-tooth gear
- Output bearing Sintered bearing
- Working temperature -10° C / +65° C
- Radial play of shaft ≤0.1mm
- Thrust play of shaft ≤0.3mm
- Axial load 25 N
- Radial load 10 N



R27D

| PLASTIC / METAL VERSION | | NUMBER OF STAGE | | MAXIMUM GEAR TORQUE Nm | | DIRECTION OF ROTATION | N MAX (%) | WEIGHT (g) | L1 MAX (mm) | L2 MAX (mm) | MOTOR | MOTOR |
|------------------------------------|-------------------------|--------------------|-------|---------------------------|--------------|--------------------------|-----------|------------|----------------|----------------|---------------------------|---------------------------|
| | | | | | | | | | | | 6V | 12V |
| GEAR-HEAD SERIES | REDUCTION RATIO (:1) | Plastic | Metal | Continuous | Intermittent | | | | | | NO LOAD SPEED (Rpm) | NO LOAD SPEED (Rpm) |
| R27D.1-10-6 or 12 | 10 | 2 | 1 | 0.012 | 0.02 | = | | | 18 | 37.5 | 350 | 350 |
| R27D.1-12-6 or 12 | 12 | 2 | 1 | 0.013 | 0.022 | = | | | 18 | 37.5 | 291 | 291 |
| R27D.1-15-6 or 12 | 15 | 2 | 1 | 0.015 | 0.025 | = | | | 18 | 37.5 | 233 | 233 |
| R27D.2-21-6 or 12 | 21 | 3 | 1 | 0.017 | 0.028 | = | | | 18 | 37.5 | 166 | 166 |
| R27D.2-26-6 or 12 | 26 | 3 | 1 | 0.018 | 0.031 | = | | | 18 | 37.5 | 134 | 134 |
| R27D.2-32-6 or 12 | 32 | 3 | 1 | 0.021 | 0.035 | = | | | 18 | 37.5 | 109 | 109 |
| R27D.3-44-6 or 12 | 44 | 4 | 1 | 0.024 | 0.040 | = | | | 18 | 37.5 | 80 | 80 |
| R27D.3-54-6 or 12 | 54 | 4 | 1 | 0.027 | 0.045 | = | | | 18 | 37.5 | 65 | 65 |
| R27D.3-67-6 or 12 | 67 | 4 | 1 | 0.03 | 0.050 | = | | | 18 | 37.5 | 52 | 52 |
| R27D.3-83-6 or 12 | 83 | 4 | 1 | 0.033 | 0.055 | = | | | 18 | 37.5 | 42 | 42 |
| R27D.4-92-6 or 12 | 92 | 5 | 1 | 0.037 | 0.062 | = | | | 18 | 37.5 | 38 | 38 |
| R27D.4-113-6 or 12 | 113 | 5 | 1 | 0.042 | 0.07 | = | | | 18 | 37.5 | 31 | 31 |
| R27D.4-141-6 or 12 | 141 | 5 | 1 | 0.046 | 0.078 | = | | | 18 | 37.5 | 25 | 25 |
| R27D.4-175-6 or 12 | 175 | 5 | 1 | 0.054 | 0.09 | = | | | 18 | 37.5 | 20 | 20 |
| R27D.5-192-6 or 12 | 192 | 6 | 1 | 0.06 | 0.1 | = | | | 18 | 37.5 | 18 | 18 |
| R27D.5-237-6 or 12 | 237 | 6 | 1 | 0.08 | 0.13 | = | | | 18 | 37.5 | 15 | 15 |
| R27D.5-295-6 or 12 | 295 | 6 | 1 | 0.09 | 0.15 | = | | | 18 | 37.5 | 12 | 12 |
| R27D.5-366-6 or 12 | 366 | 6 | 1 | 0.1 | 0.17 | = | | | 18 | 37.5 | 9 | 9 |
| R27D.5-456-6 or 12 | 456 | 6 | 1 | 0.12 | 0.2 | = | | | 18 | 37.5 | 7 | 7 |

For a suitable operation of the gearmotor do not apply a higher load to the maximum torque shown up - Before a definite use you must execute efficiency and compatibility test