Planetary Gearheads

3,5 Nm

For combination with
DC-Micromotors
Brushless DC-Motors
Motion Control Systems

Series 26/1R

Housing material metal
Geartrain material steel
Backlash, at no-load ≤ 1 °
Bearings on output shaft ball bearings, preloaded
Shaft load, max.:
- radial (10 mm from mounting face) ≤ 150 N
- axial ≤ 100 N
Shaft press fit force, max.:
- radial (10 mm from mounting face) ≤ 150 N
- axial ≤ 0,03 mm
Shaft play ≤ 0,1 mm
Operating temperature range - 10 ... + 125 °C

Specifications

Number of gear stages
Continuous torque Nm
Intermittent torque Nm
Max. continuous input speed min⁻¹
Max. intermittent input speed min⁻¹
Mass without motor, g
Efficiency, max. %
Direction of rotation, drive to output
Reduction ratio
L2 [mm] = length without motor
L1 [mm] = length with motor

1) Max. continuous input speed and continuous output torque are both dependent on the reduction ratio and related to the max. output power. They cannot simultaneously be applied at their maximum values for an extended period. For more information, please contact your local sales representative.

2) The reduction ratios are rounded, the exact values are available on request or at www.faulhaber.com.