



PLANETARY GEARHEAD

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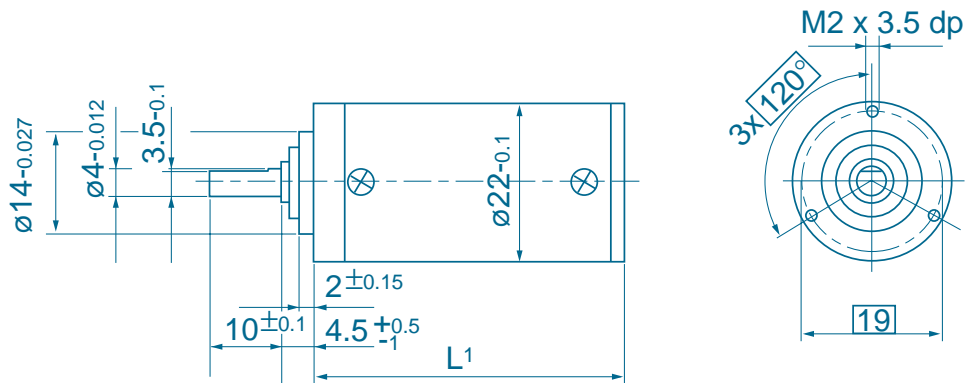
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GP22._ _ _ _

| General data | | | | | Product combinations | | |
|-------------------------------------|----------------|------------------|--------------------------------|----------------------------------|----------------------|------------------------|---------|
| Planetary gearhead | straight teeth | | | 2-22/02 | (This catalogue) | | |
| Bearing at output | ball bearing | | | 22N_ _ | } | (API Motion Catalogue) | |
| Radial play, 10mm from flange | max. 0.10 | | mm | 22V_ _ | | | |
| Axial play | max. 0.7 | | mm | 23V_ _ | | | |
| Max. permissible axial load | 30 | | N | 26N_ _ | | | |
| Max. permissible force press fits | 150 | | N | 28L_ _ | | | |
| Average backlash no load per stage | <0.9 | | ° | 28LT_ _ | | | |
| Recommended input speed | <4000 | | rpm | | | | |
| Recommended temperature range | -15/+65 | | °C | | | | |
| Number of stages: | 1 | 2 | 3 | 4 | | | |
| Max. radial load, 10 mm from flange | 15 N | 30 N | 45 N | 60 N | | | |
| Efficiency | 80% | 75% | 70% | 60% | | | |
| Gearhead Order No | Reduction | Number of stages | Maximum torque continuous [Nm] | Maximum torque intermittent [Nm] | Sense of direction | Weight [g] | L1 [mm] |
| GP22.0004 | 4:1 | 1 | 0.2 | 0.2 | = | 33 | 27.1 |
| GP22.0014 | 14:1 | 2 | 0.4 | 0.4 | = | 43 | 35.35 |
| GP22.0025 | 25:1 | 2 | 0.4 | 0.4 | = | 43 | 35.35 |
| GP22.0051 | 51:1 | 3 | 0.6 | 0.6 | = | 54 | 43.55 |
| GP22.0093 | 93:1 | 3 | 0.6 | 0.6 | = | 54 | 43.55 |
| GP22.0169 | 169:1 | 3 | 0.6 | 0.6 | = | 54 | 43.55 |
| GP22.0189 | 189:1 | 4 | 0.7 | 0.7 | = | 65 | 51.80 |
| GP22.0344 | 344:1 | 4 | 0.7 | 0.7 | = | 65 | 51.80 |
| GP22.0626 | 626:1 | 4 | 0.7 | 0.7 | = | 65 | 51.80 |
| GP22.1140 | 1140:1 | 4 | 0.7 | 0.7 | = | 65 | 51.80 |

The ratios shown are stock ratios, there are many more options available - please contact our technical department for more details.



Notes