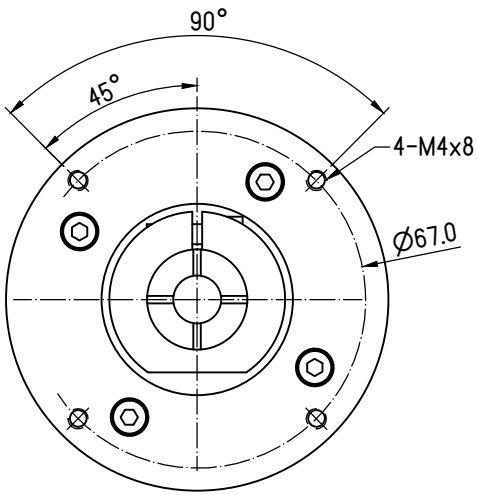
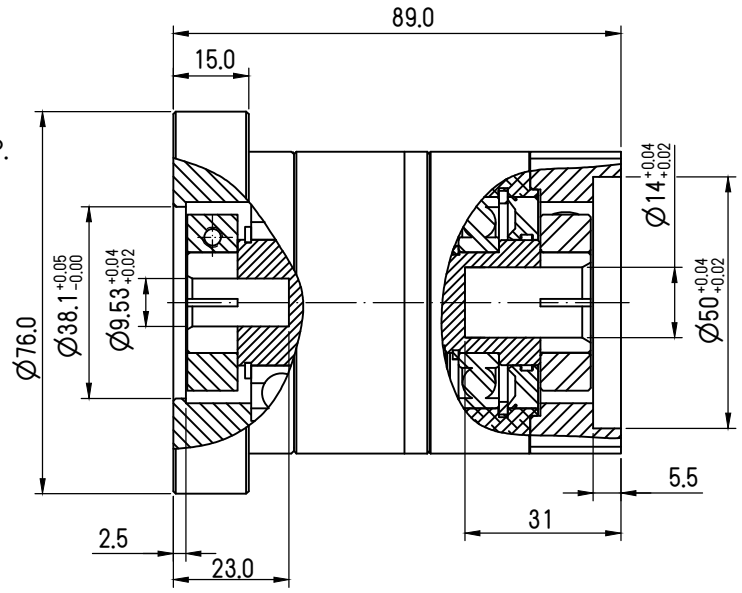
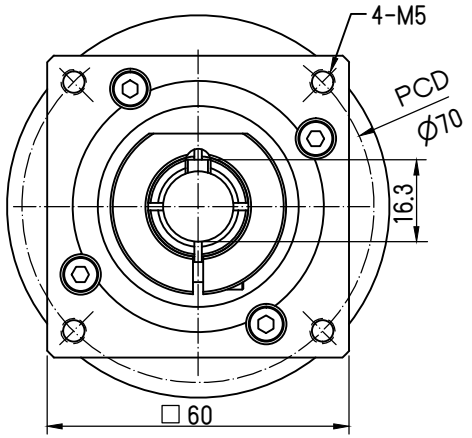
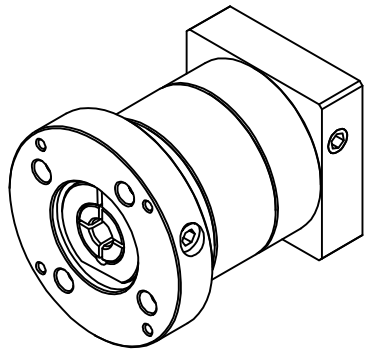



| SPECIFICATIONS | | | | |
|---|---|---|---|---|
| Stage | | 1 | | |
| Gear Ratio | i | 3:1 | 5:1 | 7:1 |
| Max. Output torque | Nm | 19 | | |
| Max radial load | N | 1200 | | |
| Max axial load | N | 1050 | | |
| Max input speed | RPM | 10000 | | |
| Backlash | acrmin | ≤10 (standard) | | |
| Noise level | dB(A) | ≤60 | | |
| Operating temp. | °C | -25~90 | | |
| Lifetime | Hrs | 20000 | | |
| Efficiency | % | ≥96 | | |
| Protection Level | | IP64 | | |
| Compatible With Macron | | MSA-PSC & MSA-SB1 | | |
| Weight | Kg | 1.2 | | |
| Tightening Clamp Torque | N.m/in-lbs | 3.92/34.71 | | |



NOTES:
Unless Otherwise Specified
All Angles ±0.5°
Break All Edges 0.2mm-0.8mm
Decimals .X ±0.2/ .XX ±0.05
T.I.R ◎ 0.05 ⌖ 0.05 ⌭ 0.05

| | | | |
|---|---|---|---|
| Unit: mm | Technical reference<br>Scale: 1:1.5 | | Approved by |
| Mach Motion Products | | Document type | Document status |
| | | Title<br>MPS60-XXX-10-SMA | GEARBOX |
| | | | Rev. / Date of issue / Sheet |