

PLEASE NOTE: This is a legacy product, meant to provide reference data and is not intended for new machine designs. Please consider alternative HKP product for new machine designs.



G22A Series

The G22A is a 22 mm planetary gearbox suitable for servo applications where DC Servo brush or BLDC motor technology is specified. Integrates perfectly to the DC022C for a very compact gearmotor with torques up to 0.3 Nm. **Compatible Motor:** DC022C

■ Benefits

- Sintered metal gears for high torque capacity
- Sintered metal output bearing

■ Optional Assembly

- Ball bearing for higher radial loads

■ Combined Length

Compatible Motors / Length (mm)					
Stage	1	2	3	4	5
DC022C-1	51.4	56.4	56.9	61.4	66.4
DC022C-2	59.0	64.0	64.5	69.0	74.0
DC022C-3	67.8	72.8	73.3	77.8	82.8

■ Characteristics

Specification	Units	Reduction Ratio Designation						
		G22A / 4:1	G22A / 16:1	G22A / 23:1	G22A / 64:1	G22A / 107:1	G22A / 256:1	G22A / 429:1
Maximum Load	Nm	0.049	0.099	0.099	0.198	0.198	0.297	0.297
	oz-in	7.0	14	14	28	28	42	42
Weight (Mass)	g	82.2	87.9	87.9	96.4	96.4	104.9	104.9
	oz	2.9	3.1	3.1	3.4	3.4	3.7	3.7
Length (L)	mm	19.5	24.5	25.0	29.5	29.5	34.5	34.5
	inches	0.768	0.965	0.985	1.161	1.161	1.358	1.35
Stages	-	1	2	2	3	3	4	4
Ratio	-	4:1	16:1	23:1	64:1	107:1	256:1	429:1
Efficiency	-	0.80	0.75	0.75	0.70	0.70	0.65	0.65
Shaft Rotation	-	CW						

Dimensional Drawings

