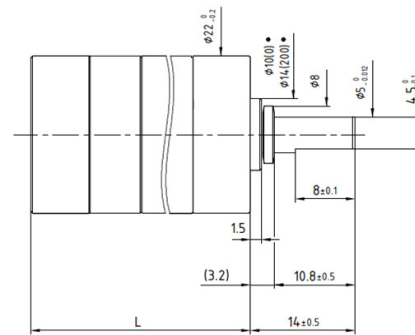
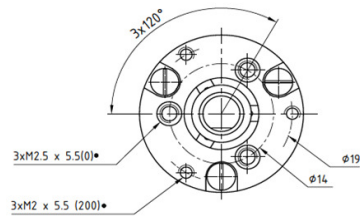


**M22**

Planetary Gearbox

Ø 22mm

1.5 Nm



Dimensions in mm

Ratio	****	3.67	5	13.4	18.3	25	49.3	67.2	91.7	125	180.8	246.5	336.1	458.3	625	903.8
1	Number of Gear Stages	1	1	2	2	2	3	3	3	3	4	4	4	4	4	5
2	Direction of Rotation	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
3	Efficiency	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.55	0.55	0.55	0.55	0.55	0.5
4	L (mm)	22.6	22.6	29.5	29.5	29.5	36.4	36.4	36.4	36.4	43.3	43.3	43.3	43.3	43.3	50.2
5	Weight g (oz)	26 (0.917)	26 (0.917)	33 (1.164)	33 (1.164)	33 (1.164)	40 (1.552)	40 (1.552)	40 (1.552)	40 (1.552)	47 (1.657)	47 (1.657)	47 (1.657)	47 (1.657)	47 (1.657)	54 (1.904)
6	Available with Motor - L2 = Length with motor (mm)															
	<b>22V28</b>	57	57	63.9	63.9	63.9	70.8	70.8	70.8	70.8	77.7	77.7	77.7	77.7	77.7	84.6
	<b>22V48</b>	58.8	58.8	65.7	65.7	65.7	72.6	72.6	72.6	72.6	79.5	79.5	79.5	79.5	79.5	86.4
	<b>22N78</b>	54.6	54.6	61.5	61.5	61.5	68.4	68.4	68.4	68.4	75.3	75.3	75.3	75.3	75.3	82.2
	<b>22N98</b>	56.5	56.5	63.4	63.4	63.4	70.3	70.3	70.3	70.3	77.2	77.2	77.2	77.2	77.2	84.1
	<b>23GST82</b>	58.6	58.6	65.5	65.5	65.5	72.4	72.4	72.4	72.4	79.3	79.3	79.3	79.3	79.3	86.2
	<b>25GST82</b>	66.1	66.1	73	73	73	79.9	79.9	79.9	79.9	86.8	86.8	86.8	86.8	86.8	93.7
	<b>25GT</b>	76.05	76.05	82.95	82.95	82.95	89.85	89.85	89.85	89.85	96.75	96.75	96.75	96.75	96.75	103.65
	<b>26N58</b>	65.9	65.9	72.8	72.8	72.8	79.7	79.7	79.7	79.7	86.6	86.6	86.6	86.6	86.6	93.5
	<b>26N48</b>	64.7	64.7	71.6	71.6	71.6	78.5	78.5	78.5	78.5	85.4	85.4	85.4	85.4	85.4	92.3
	<b>28L28</b>	66.1	66.1	73	73	73	79.9	79.9	79.9	79.9	86.8	86.8	86.8	86.8	86.8	93.7
	<b>28LT12</b>	63.8	63.8	70.7	70.7	70.7	77.6	77.6	77.6	77.6	84.5	84.5	84.5	84.5	84.5	91.4
	<b>22DCP/24DCT</b>	54.6	54.6	61.5	61.5	61.5	68.4	68.4	68.4	68.4	75.3	75.3	75.3	75.3	75.3	82.2
	<b>22ECP45</b>	67.6	67.6	74.5	74.5	74.5	81.4	81.4	81.4	81.4	88.3	88.3	88.3	88.3	88.3	95.2
	<b>22ECP60</b>	82.6	82.6	89.5	89.5	89.5	96.4	96.4	96.4	96.4	103.3	103.3	103.3	103.3	103.3	110.2

Characteristics		M22 · 0 / · 200 · ....	
7	Shaft Bearings		Sleeve
8	Maximum Static Torque	Nm (oz-in)	4 (556)
9	Maximum Radial Force		
	@ 8mm from mounting face	N (lb)	50 (11)
10	Maximum Axial Force	N (lb)	70 (16)
11	Maximum Press Fit Force	N (lb)	100 (22)
12	Average Backlash @ no-load		2°
13	Average Backlash @ 0.3 Nm		3°
	Shaft Play:		
14	-radial	µm	≤ 200
15	-axial	µm	50-150
16	Maximum Recommended Input Speed	rpm	7500
17	Operating Temperature Range:	°C (°F)	-30 to +65 (-22 to +150)

**Motor + gearbox = L2**

